

**20.2.72 NMAC
NEW NSR AIR QUALITY
PERMIT APPLICATION**

For

SHORT LINE, LLC

**LAS VEGAS AGGREGATE CRUSHING AND
SCREENING PLANT
Las Vegas, NM**

PREPARED BY
MONTROSE ENVIRONMENTAL SOLUTIONS, LLC
ALBUQUERQUE, NM
OCTOBER 2023

Mail Application To: New Mexico Environment Department Air Quality Bureau Permits Section 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505 Phone: (505) 476-4300 Fax: (505) 476-4375 www.env.nm.gov/aqb		For Department use only:
--	---	---------------------------------

Universal Air Quality Permit Application

Use this application for NOI, NSR, or Title V sources.

Use this application for: the initial application, modifications, technical revisions, and renewals. For technical revisions, complete Sections, 1-A, 1-B, 2-E, 3, 9 and any other sections that are relevant to the requested action; coordination with the Air Quality Bureau permit staff prior to submittal is encouraged to clarify submittal requirements and to determine if more or less than these sections of the application are needed. Use this application for streamline permits as well.

This application is submitted as (check all that apply): ☐ Request for a No Permit Required Determination (no fee)
☐ **Updating** an application currently under NMED review. Include this page and all pages that are being updated (no fee required).
Construction Status: ☒ Not Constructed ☐ Existing Permitted (or NOI) Facility ☐ Existing Non-permitted (or NOI) Facility
Minor Source: ☐ NOI 20.2.73 NMAC ☒ 20.2.72 NMAC application or revision ☐ 20.2.72.300 NMAC Streamline application
Title V Source: ☐ Title V (new) ☐ Title V renewal ☐ TV minor mod. ☐ TV significant mod. ☐ TV Acid Rain: ☐ New ☐ Renewal
PSD Major Source: ☐ PSD major source (new) ☐ Minor Modification to a PSD source ☐ a PSD major modification

Acknowledgements:

- ☒ I acknowledge that a pre-application meeting is available to me upon request. ☐ Title V Operating, Title IV Acid Rain, and NPR applications have no fees.
- ☒ \$500 NSR application Filing Fee enclosed **OR** ☐ The full permit fee associated with 10 fee points (required w/ streamline applications).
- ☒ Check No.: **1061** in the amount of **\$500.00**
- ☒ I acknowledge the required submittal format for the hard copy application is printed double sided 'head-to-toe', 2-hole punched (except the Sect. 2 landscape tables is printed 'head-to-head'), numbered tab separators. Incl. a copy of the check on a separate page.
- ☒ I acknowledge there is an annual fee for permits in addition to the permit review fee: www.env.nm.gov/air-quality/permit-fees-2/.
- ☐ This facility qualifies for the small business fee reduction per 20.2.75.11.C. NMAC. The full \$500.00 filing fee is included with this application and I understand the fee reduction will be calculated in the balance due invoice. The Small Business Certification Form has been previously submitted or is included with this application. (Small Business Environmental Assistance Program Information: www.env.nm.gov/air-quality/small-biz-eap-2/.)

Citation: Please provide the **low level citation** under which this application is being submitted: **20.2.72.200.A(1) NMAC** (e.g. application for a new minor source would be 20.2.72.200.A NMAC, one example for a Technical Permit Revision is 20.2.72.219.B.1.b NMAC, a Title V acid rain application would be: 20.2.70.200.C NMAC)

Section 1 – Facility Information

Section 1-A: Company Information		AI # if known:	Updating Permit/NOI #:
1	Facility Name: Las Vegas Aggregate Crusher & Screening	Plant primary SIC Code (4 digits): 1429, 1442, 1499	
		Plant NAIC code (6 digits): 142901, 144202, 149998	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): 1109 Airport Road, Las Vegas, NM		
2	Plant Operator Company Name: Short Line, LLC	Phone/Fax: 505-892-5400/	

a	Plant Operator Address: PO Box 1499, Peralta, NM 87042	
b	Plant Operator's New Mexico Corporate ID or Tax ID: 03-543893-00-2	
3	Plant Owner(s) name(s): Short Line, LLC	Phone/Fax: 505-892-5400/
a	Plant Owner(s) Mailing Address(s): PO Box 1499, Peralta, NM 87042	
4	Bill To (Company): Short Line, LLC	Phone/Fax: 505-892-5400/
a	Mailing Address: PO Box 1499, Peralta, NM 87042	E-mail: shortlinellc@yahoo.com
5	<input type="checkbox"/> Preparer: <input checked="" type="checkbox"/> Consultant: Paul Wade, Montrose Environmental Solutions, Inc.	Phone/Fax: 505-830-9680 x6/505-830-9678
a	Mailing Address: 9100 2nd Street NW, Suite 200, Albuquerque, NM 87114-1664	E-mail: pwade@montrose-env.com
6	Plant Operator Contact: Beverly Zastrow	Phone/Fax: 505-892-5400/
a	Address: PO Box 1499, Peralta, NM 87042	E-mail: shortlinellc@yahoo.com
7	Air Permit Contact: Beverly Zastrow	Title: Managing Member
a	E-mail: shortlinellc@yahoo.com	Phone/Fax: 505-892-5400/
b	Mailing Address: PO Box 1499, Peralta, NM 87042	
c	The designated Air permit Contact will receive all official correspondence (i.e. letters, permits) from the Air Quality Bureau.	

Section 1-B: Current Facility Status

1.a	Has this facility already been constructed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.b If yes to question 1.a, is it currently operating in New Mexico? <input type="checkbox"/> Yes <input type="checkbox"/> No
2	If yes to question 1.a, was the existing facility subject to a Notice of Intent (NOI) (20.2.73 NMAC) before submittal of this application? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes to question 1.a, was the existing facility subject to a construction permit (20.2.72 NMAC) before submittal of this application? <input type="checkbox"/> Yes <input type="checkbox"/> No
3	Is the facility currently shut down? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, give month and year of shut down (MM/YY):
4	Was this facility constructed before 8/31/1972 and continuously operated since 1972? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5	If Yes to question 3, has this facility been modified (see 20.2.72.7.P NMAC) or the capacity increased since 8/31/1972? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
6	Does this facility have a Title V operating permit (20.2.70 NMAC)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the permit No. is: P-
7	Has this facility been issued a No Permit Required (NPR)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NPR No. is:
8	Has this facility been issued a Notice of Intent (NOI)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NOI No. is:
9	Does this facility have a construction permit (20.2.72/20.2.74 NMAC)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the permit No. is:
10	Is this facility registered under a General permit (GCP-1, GCP-2, etc.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the register No. is:

Section 1-C: Facility Input Capacity & Production Rate

1	What is the facility's maximum input capacity, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly:	Daily:	Annually:
b	Proposed	Hourly: 200 TPH	Daily: 2,900 TPD	Annually: 876,000 TPY
2	What is the facility's maximum production rate, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly:	Daily:	Annually:
b	Proposed	Hourly: 200 TPH	Daily: 2,900 TPD	Annually: 876,000 TPY

Section 1-D: Facility Location Information

1	Latitude (decimal degrees): 35.629554	Longitude (decimal degrees): -105.198349	County: San Miguel	Elevation (ft): 6495
2	UTM Zone: <input type="checkbox"/> 12 or <input checked="" type="checkbox"/> 13		Datum: <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> WGS 84	
a	UTM E (in meters, to nearest 10 meters): 482.04		UTM N (in meters, to nearest 10 meters): 3,942.88	
3	Name and zip code of nearest New Mexico town: Las Vegas, 87701			
4	Detailed Driving Instructions from nearest NM town (attach a road map if necessary): From the intersection of I-25 and Highway 250 (Airport Road) travel east on Highway 250 for 0.33 miles to the site entrance.			
5	The facility is 2.3 miles north-northeast of Las Vegas			
6	Land Status of facility (check one): <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input type="checkbox"/> Government <input type="checkbox"/> BLM <input type="checkbox"/> Forest Service <input type="checkbox"/> Military			
7	List all municipalities, Indian tribes, and counties within a ten (10) mile radius (20.2.72.203.B.2 NMAC) of the property on which the facility is proposed to be constructed or operated: Las Vegas, San Miguel County			
8	20.2.72 NMAC applications only: Will the property on which the facility is proposed to be constructed or operated be closer than 50 km (31 miles) to other states, Bernalillo County, or a Class I area (see www.env.nm.gov/air-quality/modeling-publications/)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (20.2.72.206.A.7 NMAC) If yes, list all with corresponding distances in kilometers: Pecos Wilderness Area – 12.9 km			
9	Name nearest Class I area: Pecos Wilderness Area			
10	Shortest distance (in km) from facility boundary to the boundary of the nearest Class I area (to the nearest 10 meters): 12.90 km			
11	Distance (meters) from the perimeter of the Area of Operations (AO is defined as the plant site inclusive of all disturbed lands, including mining overburden removal areas) to nearest residence, school or occupied structure: 0.12 miles			
12	Method(s) used to delineate the Restricted Area: Fencing and Gate with Signage "Restricted Area" is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area.			
13	Does the owner/operator intend to operate this source as a portable stationary source as defined in 20.2.72.7.X NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No A portable stationary source is not a mobile source, such as an automobile, but a source that can be installed permanently at one location or that can be re-installed at various locations, such as a hot mix asphalt plant that is moved to different job sites.			
14	Will this facility operate in conjunction with other air regulated parties on the same property? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, what is the name and permit number (if known) of the other facility? Las Vegas HMA, New Permit			

Section 1-E: Proposed Operating Schedule (The 1-E.1 & 1-E.2 operating schedules may become conditions in the permit.)

1	Facility maximum operating ($\frac{\text{hours}}{\text{day}}$): Daylight	($\frac{\text{days}}{\text{week}}$): 7	($\frac{\text{weeks}}{\text{year}}$): 52	($\frac{\text{hours}}{\text{year}}$): 4380
2	Facility's maximum daily operating schedule (if less than 24 $\frac{\text{hours}}{\text{day}}$)? Start: Sunrise		XAM <input type="checkbox"/> PM	End: Sunset <input type="checkbox"/> AM XPM
3	Month and year of anticipated start of construction: After Permit is Issued			
4	Month and year of anticipated construction completion: After Permit is Issued			
5	Month and year of anticipated startup of new or modified facility: After Permit is Issued			
6	Will this facility operate at this site for more than one year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Section 1-F: Other Facility Information

1	Are there any current Notice of Violations (NOV), compliance orders, or any other compliance or enforcement issues related to this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify:
---	---

a	If yes, NOV date or description of issue:		NOV Tracking No:
b	Is this application in response to any issue listed in 1-F, 1 or 1a above? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide the 1c & 1d info below:		
c	Document Title:	Date:	Requirement # (or page # and paragraph #):
d	Provide the required text to be inserted in this permit:		
2	Is air quality dispersion modeling or modeling waiver being submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
3	Does this facility require an "Air Toxics" permit under 20.2.72.400 NMAC & 20.2.72.502, Tables A and/or B? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4	Will this facility be a source of federal Hazardous Air Pollutants (HAP)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
a	If Yes, what type of source? <input type="checkbox"/> Major (<input type="checkbox"/> ≥10 tpy of any single HAP OR <input type="checkbox"/> ≥25 tpy of any combination of HAPS) OR <input checked="" type="checkbox"/> Minor (<input checked="" type="checkbox"/> <10 tpy of any single HAP AND <input checked="" type="checkbox"/> <25 tpy of any combination of HAPS)		
5	Is any unit exempt under 20.2.72.202.B.3 NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
a	If yes, include the name of company providing commercial electric power to the facility: _____ Commercial power is purchased from a commercial utility company, which specifically does not include power generated on site for the sole purpose of the user.		

Section 1-G: Streamline Application (This section applies to 20.2.72.300 NMAC Streamline applications only)

1	<input type="checkbox"/> I have filled out Section 18, "Addendum for Streamline Applications." <input checked="" type="checkbox"/> N/A (This is not a Streamline application.)
---	--

Section 1-H: Current Title V Information - Required for all applications from TV Sources

(Title V-source required information for all applications submitted pursuant to 20.2.72 NMAC (Minor Construction Permits), or 20.2.74/20.2.79 NMAC (Major PSD/NNSR applications), and/or 20.2.70 NMAC (Title V))

1	Responsible Official (R.O.) (20.2.70.300.D.2 NMAC):		Phone:
a	R.O. Title:	R.O. e-mail:	
b	R. O. Address:		
2	Alternate Responsible Official (20.2.70.300.D.2 NMAC):		Phone:
a	A. R.O. Title:	A. R.O. e-mail:	
b	A. R. O. Address:		
3	Company's Corporate or Partnership Relationship to any other Air Quality Permittee (List the names of any companies that have operating (20.2.70 NMAC) permits and with whom the applicant for this permit has a corporate or partnership relationship):		
4	Name of Parent Company ("Parent Company" means the primary name of the organization that owns the company to be permitted wholly or in part.):		
a	Address of Parent Company:		
5	Names of Subsidiary Companies ("Subsidiary Companies" means organizations, branches, divisions or subsidiaries, which are owned, wholly or in part, by the company to be permitted.):		
6	Telephone numbers & names of the owners' agents and site contacts familiar with plant operations:		
7	Affected Programs to include Other States, local air pollution control programs (i.e. Bernalillo) and Indian tribes: Will the property on which the facility is proposed to be constructed or operated be closer than 80 km (50 miles) from other states, local pollution control programs, and Indian tribes and pueblos (20.2.70.402.A.2 and 20.2.70.7.B)? If yes, state which ones and provide the distances in kilometers:		

Section 1-I – Submittal Requirements

Each 20.2.73 NMAC (**NOI**), a 20.2.70 NMAC (**Title V**), a 20.2.72 NMAC (**NSR** minor source), or 20.2.74 NMAC (**PSD**) application package shall consist of the following:

Hard Copy Submittal Requirements:

- 1) One hard copy **original signed and notarized application package printed double sided 'head-to-toe' 2-hole punched** as we bind the document on top, not on the side; except Section 2 (landscape tables), which should be **head-to-head**. Please use **numbered tab separators** in the hard copy submittal(s) as this facilitates the review process. For NOI submittals only, hard copies of UA1, Tables 2A, 2D & 2F, Section 3 and the signed Certification Page are required. **Please include a copy of the check on a separate page.**
- 2) If the application is for a minor NSR, PSD, NNSR, or Title V application, include one working hard **copy** for Department use. This **copy** should be printed in book form, 3-hole punched, and **must be double sided**. Note that this is in addition to the head-to-to 2-hole punched copy required in 1) above. Minor NSR Technical Permit revisions (20.2.72.219.B NMAC) only need to fill out Sections 1-A, 1-B, 3, and should fill out those portions of other Section(s) relevant to the technical permit revision. TV Minor Modifications need only fill out Sections 1-A, 1-B, 1-H, 3, and those portions of other Section(s) relevant to the minor modification. NMED may require additional portions of the application to be submitted, as needed.
- 3) The entire NOI or Permit application package, including the full modeling study, should be submitted electronically. Electronic files for applications for NOIs, any type of General Construction Permit (GCP), or technical revisions to NSRs must be submitted with compact disk (CD) or digital versatile disc (DVD). For these permit application submittals, **two CD** copies are required (in sleeves, not crystal cases, please), with additional CD copies as specified below. NOI applications require only a **single CD** submittal. Electronic files for other New Source Review (construction) permits/permit modifications or Title V permits/permit modifications can be submitted on CD/DVD or sent through AQB's secure file transfer service.

Electronic files sent by (check one):

☒ CD/DVD attached to paper application

☐ Secure electronic transfer. Air Permit Contact Name _____, Email _____ Phone number _____.

a. If the file transfer service is chosen by the applicant, after receipt of the application, the Bureau will email the applicant with instructions for submitting the electronic files through a secure file transfer service. Submission of the electronic files through the file transfer service needs to be completed within 3 business days after the invitation is received, so the applicant should ensure that the files are ready when sending the hard copy of the application. The applicant will not need a password to complete the transfer. **Do not use the file transfer service for NOIs, any type of GCP, or technical revisions to NSR permits.**

- 4) Optionally, the applicant may submit the files with the application on compact disk (CD) or digital versatile disc (DVD) following the instructions above and the instructions in 5 for applications subject to PSD review.
- 5) If **air dispersion modeling** is required by the application type, include the **NMED Modeling Waiver** and/or electronic air dispersion modeling report, input, and output files. The dispersion modeling **summary report only** should be submitted as hard copy(ies) unless otherwise indicated by the Bureau.
- 6) If the applicant submits the electronic files on CD and the application is subject to PSD review under 20.2.74 NMAC (PSD) or NNSR under 20.2.79 NMC include,
 - a. one additional CD copy for US EPA,
 - b. one additional CD copy for each federal land manager affected (NPS, USFS, FWS, USDI) and,
 - c. one additional CD copy for each affected regulatory agency other than the Air Quality Bureau.

If the application is submitted electronically through the secure file transfer service, these extra CDs do not need to be submitted.

Electronic Submittal Requirements [in addition to the required hard copy(ies)]:

- 1) All required electronic documents shall be submitted as 2 separate CDs or submitted through the AQB secure file transfer service. Submit a single PDF document of the entire application as submitted and the individual documents comprising the application.

- 2) The documents should also be submitted in Microsoft Office compatible file format (Word, Excel, etc.) allowing us to access the text and formulas in the documents (copy & paste). Any documents that cannot be submitted in a Microsoft Office compatible format shall be saved as a PDF file from within the electronic document that created the file. If you are unable to provide Microsoft office compatible electronic files or internally generated PDF files of files (items that were not created electronically: i.e. brochures, maps, graphics, etc.), submit these items in hard copy format. We must be able to review the formulas and inputs that calculated the emissions.
- 3) It is preferred that this application form be submitted as 4 electronic files (3 MSWord docs: Universal Application section 1 [UA1], Universal Application section 3-19 [UA3], and Universal Application 4, the modeling report [UA4]) and 1 Excel file of the tables (Universal Application section 2 [UA2]). Please include as many of the 3-19 Sections as practical in a single MS Word electronic document. Create separate electronic file(s) if a single file becomes too large or if portions must be saved in a file format other than MS Word.
- 4) The **electronic file names** shall be a maximum of 25 characters long (including spaces, if any). The format of the electronic Universal Application shall be in the format: "A-3423-FacilityName". The "A" distinguishes the file as an application submittal, as opposed to other documents the Department itself puts into the database. Thus, all electronic application submittals should begin with "A-". Modifications to existing facilities should use the **core permit number** (i.e. '3423') the Department assigned to the facility as the next 4 digits. Use 'XXXX' for new facility applications. The format of any separate electronic submittals (additional submittals such as non-Word attachments, re-submittals, application updates) and Section document shall be in the format: "A-3423-9-description", where "9" stands for the **section #** (in this case Section 9-Public Notice). Please refrain, as much as possible, from submitting any scanned documents as this file format is extremely large, which uses up too much storage capacity in our database. Please take the time to fill out the **header information** throughout all submittals as this will identify any loose pages, including the Application Date (date submitted) & Revision number (0 for original, 1, 2, etc.; which will help keep track of subsequent partial update(s) to the original submittal. Do not use special symbols (#, @, etc.) in file names. The footer information should not be modified by the applicant.

Table of Contents

Section 1:	General Facility Information
Section 2:	Tables
Section 3:	Application Summary
Section 4:	Process Flow Sheet
Section 5:	Plot Plan Drawn to Scale
Section 6:	All Calculations
Section 7:	Information Used to Determine Emissions
Section 8:	Map(s)
Section 9:	Proof of Public Notice
Section 10:	Written Description of the Routine Operations of the Facility
Section 11:	Source Determination
Section 12:	PSD Applicability Determination for All Sources & Special Requirements for a PSD Application
Section 13:	Discussion Demonstrating Compliance with Each Applicable State & Federal Regulation
Section 14:	Operational Plan to Mitigate Emissions
Section 15:	Alternative Operating Scenarios
Section 16:	Air Dispersion Modeling
Section 17:	Compliance Test History
Section 18:	Addendum for Streamline Applications (streamline applications only)
Section 19:	Requirements for the Title V (20.2.70 NMAC) Program (Title V applications only)
Section 20:	Other Relevant Information
Section 21:	Addendum for Landfill Applications
Section 22:	Certification Page

Table 2-A: Regulated Emission Sources

Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ²	Controlled by Unit #	Source Classification Code (SCC)	<input type="checkbox"/> For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
							Date of Construction/Reconstruction ²	Emissions vented to Stack #				
RAW	Raw Material Pile	NA	NA	NA	200 TPH	200 TPH	NA	NA	30502007	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
1	Feeder	TBD	TBD	TBD	200 TPH	200 TPH		NA	30502031	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
2	Waste Conveyor	TBD	TBD	TBD	200 TPH	200 TPH		C1	30502006	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
3	Primary Crusher	TBD	TBD	TBD	200 TPH	200 TPH		C3	30502001	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
4	Primary Crusher Conveyor	TBD	TBD	TBD	200 TPH	200 TPH		C1	30502006	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
5	Secondary Crusher	TBD	TBD	TBD	200 TPH	200 TPH		C3	30502001	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
6	Secondary Crusher Conveyor	TBD	TBD	TBD	200 TPH	200 TPH		C1	30502006	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
7	Screen	TBD	TBD	TBD	200 TPH	200 TPH		C2	30502015	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
8	Stacker Conveyor 1	TBD	TBD	TBD	200 TPH	200 TPH		C1	30502006	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
9	Stacker Conveyor 2	TBD	TBD	TBD	200 TPH	200 TPH		C1	30502006	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
10	Stacker Conveyor 3	TBD	TBD	TBD	200 TPH	200 TPH		C1	30502006	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
11	Stacker Conveyor Drop to Pile	NA	NA	NA	200 TPH	200 TPH	NA	NA	30502007	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
FPILE	Finish Pile	NA	NA	NA	200 TPH	200 TPH	NA	NA	30502007	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	
12	Crusher Generator 1	CAT	C9	JSC23842	350 HP	350 HP	2005	1	30502099	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	CI
13	Crusher Generator 2	Deutz	312	10228734	325 HP	325 HP	2006	2	30502099	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To be Replaced	CI

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ²	Controlled by Unit #	Source Classification Code (SCC)	<input type="checkbox"/> For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
							Date of Construction/ Reconstruction ²	Emissions vented to Stack #				
14	Crusher Haul Road	NA	NA	NA	252 truck/day	252 truck/day	NA	C4	3050201 1	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced		
							2024	NA				

¹ Unit numbers must correspond to unit numbers in the previous permit unless a complete cross reference table of all units in both permits is provided.

² Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

⁴ "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

Table 2-B: Insignificant Activities¹ (20.2.70 NMAC) OR Exempted Equipment (20.2.72 NMAC)

All 20.2.70 NMAC (Title V) applications must list all Insignificant Activities in this table. All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 20.2.B.5 "similar functions" units, operations, and activities in Section 6, Calculations. Equipment and activities exempted under 20.2.72.202 NMAC may not necessarily be Insignificant under 20.2.70 NMAC (and vice versa). Unit & stack numbering must be consistent throughout the application package. Per Exemptions Policy 02-012.00 (see http://www.env.nm.gov/aqb/permit/aqb_pol.html), 20.2.72.202.B NMAC Exemptions do not apply, but 20.2.72.202.A NMAC exemptions do apply to NOI facilities under 20.2.73 NMAC. List 20.2.72.301.D.4 NMAC Auxiliary Equipment for Streamline applications in Table 2-A. The List of Insignificant Activities (for TV) can be found online at <https://www.env.nm.gov/wp-content/uploads/sites/2/2017/10/InsignificantListTitleV.pdf>. TV sources may elect to enter both TV Insignificant Activities and Part 72 Exemptions on this form.

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced

¹ Insignificant activities exempted due to size or production rate are defined in 20.2.70.300.D.6, 20.2.70.7.Q NMAC, and the NMED/AQB List of Insignificant Activities, dated September 15, 2008. Emissions from these insignificant activities do not need to be reported, unless specifically requested.

² Specify date(s) required to determine regulatory applicability.

Unit and stack numbering must correspond throughout the application package. Only list control equipment for TAPs if the TAP's maximum uncontrolled emissions rate is over its respective threshold as listed in 20.2.72 NMAC, Subpart V, Tables A and B. In accordance with 20.2.72.203.A(3) and (8) NMAC, 20.2.70.300.D(5)(b) and (e) NMAC, and 20.2.73.200.B(7) NMAC, the permittee shall report all control devices and list each pollutant controlled by the control device regardless if the applicant takes credit for the reduction in emissions.

¹ List each control device on a separate line. For each control device, list all emission units controlled by the control device.

Table 2-D: Maximum Emissions (under normal operating conditions)

☐ This Table was intentionally left blank because it would be identical to Table 2-E.

Maximum Emissions are the emissions at maximum capacity and prior to (in the absence of) pollution control, emission-reducing process equipment, or any other emission reduction. Calculate the hourly emissions using the worst case hourly emissions for each pollutant. For each pollutant, calculate the annual emissions as if the facility were operating at maximum plant capacity without pollution controls for 8760 hours per year, unless otherwise approved by the Department. List Hazardous Air Pollutants (HAP) & Toxic Air Pollutants (TAPs) in Table 2-I. Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
RAW	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.099	0.43	-	-	-	-
1	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.099	0.43	-	-	-	-
2	-	-	-	-	-	-	-	-	0.60	2.63	0.22	0.96	0.033	0.15	-	-	-	-
3	-	-	-	-	-	-	-	-	1.08	4.73	0.48	2.10	0.073	0.32	-	-	-	-
4	-	-	-	-	-	-	-	-	0.60	2.63	0.22	0.96	0.033	0.15	-	-	-	-
5	-	-	-	-	-	-	-	-	1.08	4.73	0.48	2.10	0.073	0.32	-	-	-	-
6	-	-	-	-	-	-	-	-	0.60	2.63	0.22	0.96	0.033	0.15	-	-	-	-
7	-	-	-	-	-	-	-	-	5.00	21.90	1.74	7.62	0.26	1.15	-	-	-	-
8	-	-	-	-	-	-	-	-	0.20	2.63	0.073	0.96	0.011	0.15	-	-	-	-
9	-	-	-	-	-	-	-	-	0.20	2.63	0.073	0.96	0.011	0.15	-	-	-	-
10	-	-	-	-	-	-	-	-	0.20	2.63	0.073	0.96	0.011	0.15	-	-	-	-
11	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.099	0.43	-	-	-	-
FPILE	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.099	0.43	-	-	-	-
12	3.50	15.32	2.01	8.82	0.18	0.81	0.13	0.55	0.12	0.50	0.12	0.50	0.12	0.50	-	-	2.0E-05	9.0E-05
13	3.25	14.23	1.87	8.19	0.17	0.75	0.12	0.51	0.11	0.47	0.11	0.47	0.11	0.47	-	-	1.9E-05	8.4E-05
14	-	-	-	-	-	-	-	-	25.03	88.61	6.38	22.58	0.64	2.26	-	-	-	-
Totals	6.75	29.55	3.88	17.01	0.36	1.56	0.24	1.06	40.34	160.93	12.80	52.62	1.80	7.63	-	-	3.9E-05	1.7E-04

¹Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but PM is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

Table 2-E: Requested Allowable Emissions

Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E⁻⁴).

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
RAW	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.099	0.22	-	-	-	-
1	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.099	0.22	-	-	-	-
2	-	-	-	-	-	-	-	-	0.028	0.061	0.0092	0.020	0.0026	0.0057	-	-	-	-
3	-	-	-	-	-	-	-	-	0.24	0.53	0.11	0.24	0.020	0.04	-	-	-	-
4	-	-	-	-	-	-	-	-	0.028	0.061	0.0092	0.020	0.0026	0.0057	-	-	-	-
5	-	-	-	-	-	-	-	-	0.24	0.53	0.11	0.24	0.020	0.044	-	-	-	-
6	-	-	-	-	-	-	-	-	0.028	0.061	0.0092	0.020	0.0026	0.0057	-	-	-	-
7	-	-	-	-	-	-	-	-	0.44	0.96	0.15	0.32	0.010	0.022	-	-	-	-
8	-	-	-	-	-	-	-	-	0.0093	0.061	0.0031	0.020	0.0009	0.0057	-	-	-	-
9	-	-	-	-	-	-	-	-	0.0093	0.061	0.0031	0.020	0.0009	0.0057	-	-	-	-
10	-	-	-	-	-	-	-	-	0.0094	0.061	0.0031	0.020	0.0009	0.0057	-	-	-	-
11	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.099	0.22	-	-	-	-
FPILE	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.099	0.22	-	-	-	-
12	3.50	7.66	2.01	4.41	0.18	0.40	0.13	0.28	0.12	0.25	0.12	0.25	0.12	0.25	-	-	2.0E-05	4.5E-05
13	3.25	7.11	1.87	4.10	0.17	0.37	0.12	0.26	0.11	0.23	0.11	0.23	0.11	0.23	-	-	1.9E-05	4.2E-05
14	-	-	-	-	-	-	-	-	5.01	8.86	1.28	2.26	0.13	0.23	-	-	-	-
Totals	6.75	14.78	3.88	8.51	0.36	0.78	0.24	0.53	11.79	23.84	4.51	9.39	0.81	1.72	-	-	3.9E-05	8.7E-05

¹ **Condensable Particulate Matter:** Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but it is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

All applications for facilities that have emissions during routine or predictable startup, shutdown or scheduled maintenance (SSM)¹, including NOI applications, must include in this table the Maximum Emissions during routine or predictable startup, shutdown and scheduled maintenance (20.2.7 NMAC, 20.2.72.203.A.3 NMAC, 20.2.73.200.D.2 NMAC). In Section 6 and 6a, provide emissions calculations for all SSM emissions reported in this table. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (https://www.env.nm.gov/aqb/permit/aqb_pol.html) for more detailed instructions. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

Printed 1/26/2024 10:50 AM

Table 2-G: Stack Exit and Fugitive Emission Rates for Special Stacks

☒ I have elected to leave this table blank because this facility does not have any stacks/vents that split emissions from a single source or combine emissions from more than one source listed in table 2-A. Additionally, the emission rates of all stacks match the Requested allowable emission rates stated in Table 2-E.

Use this table to list stack emissions (requested allowable) from split and combined stacks. List Toxic Air Pollutants (TAPs) and Hazardous Air Pollutants (HAPs) in Table 2-I. List all fugitives that are associated with the normal, routine, and non-emergency operation of the facility. Unit and stack numbering must correspond throughout the application package. Refer to Table 2-E for instructions on use of the “-” symbol and on significant figures.

[illegible]

Unit and stack numbering must correspond throughout the application package. Include the stack exit conditions for each unit that emits from a stack, including blowdown venting parameters and tank emissions. If the facility has multiple operating scenarios, complete a separate Table 2-H for each scenario and, for each, type scenario name here:

Form Revision: 11/18/2016 Table 2-H: Page 1 Printed 1/26/2024 10:50 AM

Table 2-1: Stack Exit and Fugitive Emission Rates for HAPs and TAPs

In the table below, report the Potential to Emit for each HAP from each regulated emission unit listed in Table 2-A, only if the entire facility emits the HAP at a rate greater than or equal to one (1) ton per year. For each such emission unit, HAPs shall be reported to the nearest 0.1 tpy. Each facility-wide Individual HAP total and the facility-wide Total HAPs shall be the sum of all HAP sources calculated to the nearest 0.1 ton per year. Per 20.2.72.403.A.1 NMAC, facilities not exempt [see 20.2.72.402.C NMAC] from TAP permitting shall report each TAP that has an uncontrolled emission rate in excess of its pounds per hour screening level specified in 20.2.72.502 NMAC. TAPs shall be reported using one more significant figure than the number of significant figures shown in the pound per hour threshold corresponding to the substance. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAAA and the TAP nomenclature as it listed in 20.2.72.502 NMAC. Include tank-flashing emissions estimates of HAPs in this table. For each HAP or TAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected or the pollutant is emitted in a quantity less than the threshold amounts described above.

[illegible]

Table 2-J: Fuel

Specify fuel characteristics and usage. Unit and stack numbering must correspond throughout the application package.

[illegible]

For each tank, list the liquid(s) to be stored in each tank. If it is expected that a tank may store a variety of hydrocarbon liquids, enter "mixed hydrocarbons" in the Composition column for that tank and enter the corresponding data of the most volatile liquid to be stored in the tank. If tank is to be used for storage of different materials, list all the materials in the "All Calculations" attachment, run the newest version of TANKS on each, and use the material with the highest emission rate to determine maximum uncontrolled and requested allowable emissions rate. The permit will specify the most volatile category of liquids that may be stored in each tank. Include appropriate tank-flashing modeling input data. Use additional sheets if necessary. Unit and stack numbering must correspond throughout the application package.

Printed 1/26/2024 10:50 AM

Include appropriate tank-flashing modeling input data. Use an addendum to this table for unlisted data categories. Unit and stack numbering must correspond throughout the application package. Use additional sheets if necessary. See reference Table 2-L2. Note: 1.00 bbl = 10.159 M3 = 42.0 gal

Printed 1/26/2024 10:50 AM

Table 2-L2: Liquid Storage Tank Data Codes Reference Table

Roof Type	Seal Type, Welded Tank Seal Type		Seal Type, Riveted Tank Seal Type		Roof, Shell Color	Paint Condition
FX: Fixed Roof	Mechanical Shoe Seal	Liquid-mounted resilient seal	Vapor-mounted resilient seal	Seal Type	WH: White	Good
IF: Internal Floating Roof	A: Primary only	A: Primary only	A: Primary only	A: Mechanical shoe, primary only	AS: Aluminum (specular)	Poor
EF: External Floating Roof	B: Shoe-mounted secondary	B: Weather shield	B: Weather shield	B: Shoe-mounted secondary	AD: Aluminum (diffuse)	
P: Pressure	C: Rim-mounted secondary	C: Rim-mounted secondary	C: Rim-mounted secondary	C: Rim-mounted secondary	LG: Light Gray	
					MG: Medium Gray	
					BL: Black	
					OT: Other (specify)	

Note: 1.00 bbl = 0.159 M³ = 42.0 gal**Table 2-M: Materials Processed and Produced** (Use additional sheets as necessary.)

Material Processed				Material Produced			
Description	Chemical Composition	Phase (Gas, Liquid, or Solid)	Quantity (specify units)	Description	Chemical Composition	Phase	Quantity (specify units)
Aggregate, Recycled Asphalt, Recycled Concrete	Aggregate, Recycled Asphalt, Recycled Concrete	Solid	200 TPH	Aggregate, Recycled Asphalt, Recycled Concrete	Aggregate, Recycled Asphalt, Recycled Concrete	Solid	200 TPH

Enter Continuous Emissions Measurement (CEM) Data in this table. If CEM data will be used as part of a federally enforceable permit condition, or used to satisfy the requirements of a state or federal regulation, include a copy of the CEM's manufacturer specification sheet in the Information Used to Determine Emissions attachment. Unit and stack numbering must correspond throughout the application package. Use additional sheets if necessary.

[illegible]

Unit and stack numbering must correspond throughout the application package. Use additional sheets if necessary.

Printed 1/26/2024 10:50 AM

Table 2-P: Greenhouse Gas Emissions

Applications submitted under 20.2.70, 20.2.72, & 20.2.74 NMAC are required to complete this Table. Power plants, Title V major sources, and PSD major sources must report and calculate all GHG emissions for each unit. Applicants must report potential emission rates in short tons per year (see Section 6.a for assistance). Include GHG emissions during Startup, Shutdown, and Scheduled Maintenance in this table. For minor source facilities that are not power plants, are not Title V, or are not PSD, there are three options for reporting GHGs 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHG as a second separate unit; OR 3) check the following box.

☐ By checking this box, the applicant acknowledges the total CO₂e emissions are less than 75,000 tons per year.

		CO ₂ ton/yr	N ₂ O ton/yr	CH ₄ ton/yr	SF ₆ ton/yr	PFC/HFC ton/yr ²									Total GHG Mass Basis ton/yr ⁴	Total CO ₂ e ton/yr ⁵
Unit No.	GWPs ¹	1	298	25	22,800	footnote 3										
12	mass GHG	881.5													881.5	
	CO ₂ e	881.5														881.5
13	mass GHG	818.5													818.5	
	CO ₂ e	818.5														818.5
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
Total	mass GHG	1700													1700	
	CO ₂ e	1700														1700

¹ GWP (Global Warming Potential): Applicants must use the most current GWPs codified in Table A-1 of 40 CFR part 98. GWPs are subject to change, therefore, applicants need to check 40 CFR 98 to confirm GWP values.

² For HFCs or PFCs describe the specific HFC or PFC compound and use a separate column for each individual compound.

³ For each new compound, enter the appropriate GWP for each HFC or PFC compound from Table A-1 in 40 CFR 98.

⁴ Green house gas emissions on a **mass basis** is the ton per year green house gas emission before adjustment with its GWP.

⁵ CO₂e means Carbon Dioxide Equivalent and is calculated by multiplying the TPY mass emissions of the green house gas by its GWP.

Section 3

Application Summary

The **Application Summary** shall include a brief description of the facility and its process, the type of permit application, the applicable regulation (i.e. 20.2.72.200.A.X, or 20.2.73 NMAC) under which the application is being submitted, and any air quality permit numbers associated with this site. If this facility is to be collocated with another facility, provide details of the other facility including permit number(s). In case of a revision or modification to a facility, provide the lowest level regulatory citation (i.e. 20.2.72.219.B.1.d NMAC) under which the revision or modification is being requested. Also describe the proposed changes from the original permit, how the proposed modification will affect the facility's operations and emissions, de-bottlenecking impacts, and changes to the facility's major/minor status (both PSD & Title V).

The **Process Summary** shall include a brief description of the facility and its processes.

Startup, Shutdown, and Maintenance (SSM) routine or predictable emissions: Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions.

Short Line, LLC (Short Line) is applying for a new 20.2.72 NMAC air quality permit for a 200 ton per hour (tph) aggregate crushing and screening plant to be operated within county of San Miguel, state of New Mexico. Regulation governing this permit application is 20.2.72.200.A(1) NMAC.

Short Line has retained Montrose Environmental Solutions, LLC (Montrose) to assist with the permit application. The plant will be identified as Las Vegas Aggregate Crusher & Screening and will be located at 1109 Airport Road in Las Vegas, NM, 87701. The proposed Las Vegas Aggregate Crusher & Screening will be co-located with a proposed 120 tons per hour hot mix asphalt plant identified as Short Line LLC's Las Vegas HMA.

Aggregate Crushing and Screening Plant

The Las Vegas Aggregate Crusher & Screening facility includes a 200 tph aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) engine and a 242 kW (325 horsepower (hp)) generator/engine. Processed aggregate will be used at the HMA plant and/or transported to off-site sales. Aggregate processing hours will be limited to daylight hours only. The hours of operation are presented below in Table 3-1.

TABLE 3-1: Aggregate Crushing and Screening Plant Production Hours of Operation (MST)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	1	1	1	1	1	0.5	0	0	0
6:00 AM	0	0.5	1	1	1	1	1	1	1	1	0.5	0
7:00 AM	1	1	1	1	1	1	1	1	1	1	1	1
8:00 AM	1	1	1	1	1	1	1	1	1	1	1	1
9:00 AM	1	1	1	1	1	1	1	1	1	1	1	1
10:00 AM	1	1	1	1	1	1	1	1	1	1	1	1
11:00 AM	1	1	1	1	1	1	1	1	1	1	1	1
12:00 PM	1	1	1	1	1	1	1	1	1	1	1	1
1:00 PM	1	1	1	1	1	1	1	1	1	1	1	1
2:00 PM	1	1	1	1	1	1	1	1	1	1	1	1
3:00 PM	1	1	1	1	1	1	1	1	1	1	1	1
4:00 PM	1	1	1	1	1	1	1	1	1	1	1	1
5:00 PM	0.5	1	1	1	1	1	1	1	1	1	0	0
6:00 PM	0	0	0	1	1	1	1	1	0.5	0	0	0
7:00 PM	0	0	0	0	0	0.5	0.5	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
Total	10.5	11.5	12	14	14	14.5	14.5	14	13	12	10.5	10

Haul truck traffic entering the facility will be controlled with base course and road watering. Haul truck traffic involving the Las Vegas Aggregate Crusher & Screening operation will be limited to a maximum of 252 trucks per day.

If you have any questions regarding this significant permit application please call Paul Wade of Montrose Environmental Solutions, Inc. at (505) 830-9680 ext 6 or Beverly Zastrow of Short Line LLC. at (505) 892-5400.

Routine or predictable emissions during Startup, Shutdown, and Maintenance (SSM)

No SSM emissions are proposed or submitted for this facility. For material processing equipment at the Las Vegas Aggregate Crusher & Screening, Short Line, LLC will follow normal industry practices in minimizing emissions during startup, shutdown, and maintenance to not exceed the maximum hourly or annual emission rates submitted in Table 2-E. All control equipment and methods will be functioning correctly prior to aggregate processing.

Section 4

Process Flow Sheet

A **process flow sheet** and/or block diagram indicating the individual equipment, all emission points and types of control applied to those points. The unit numbering system should be consistent throughout this application.

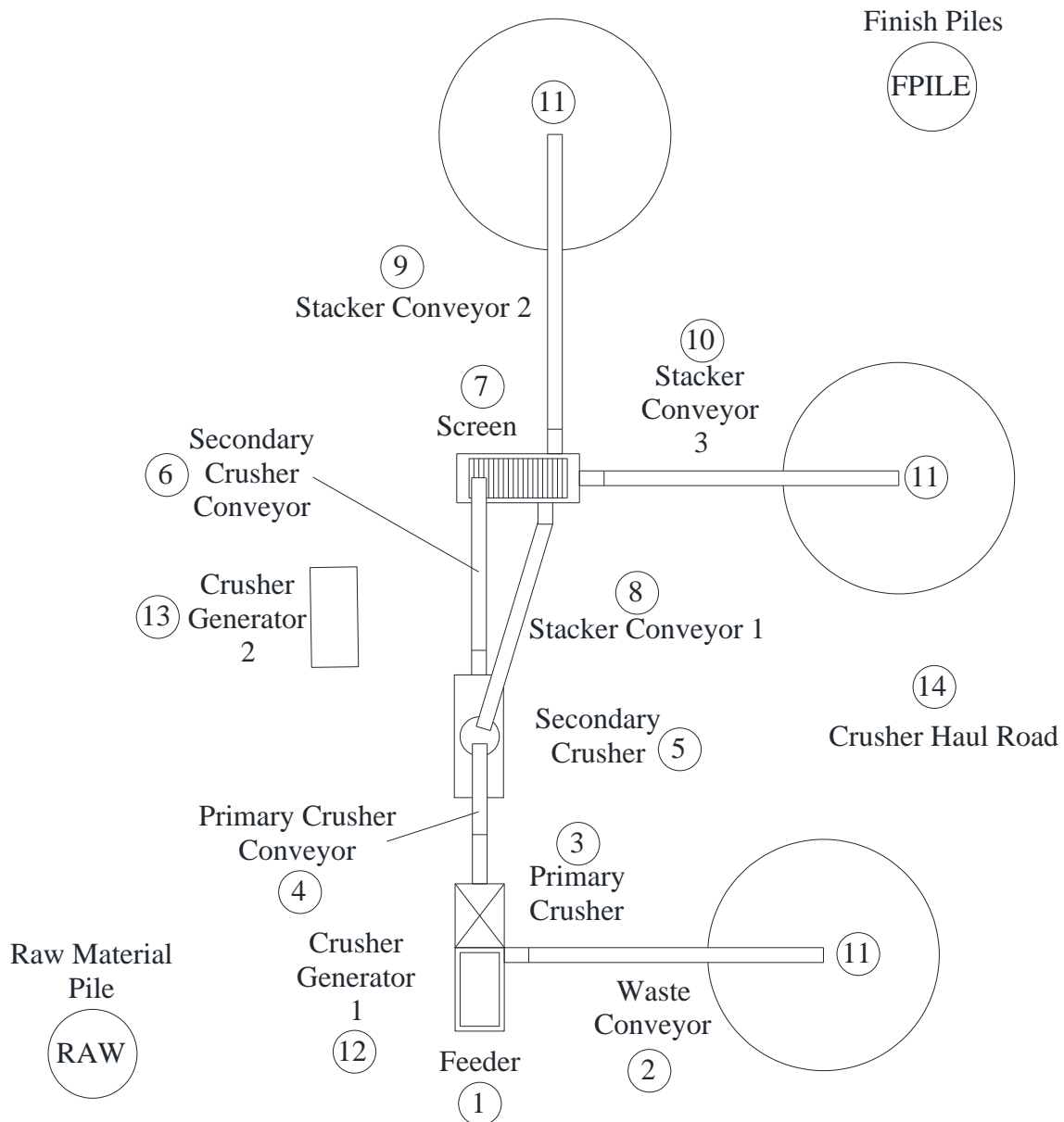


Figure 4-1: Short Line Las Vegas Aggregate Crusher and Screening Plant Process Flow Diagram

Section 5

Plot Plan Drawn to Scale

A **plot plan drawn to scale** showing emissions points, roads, structures, tanks, and fences of property owned, leased, or under direct control of the applicant. This plot plan must clearly designate the restricted area as defined in UA1, Section 1-D.12. The unit numbering system should be consistent throughout this application.

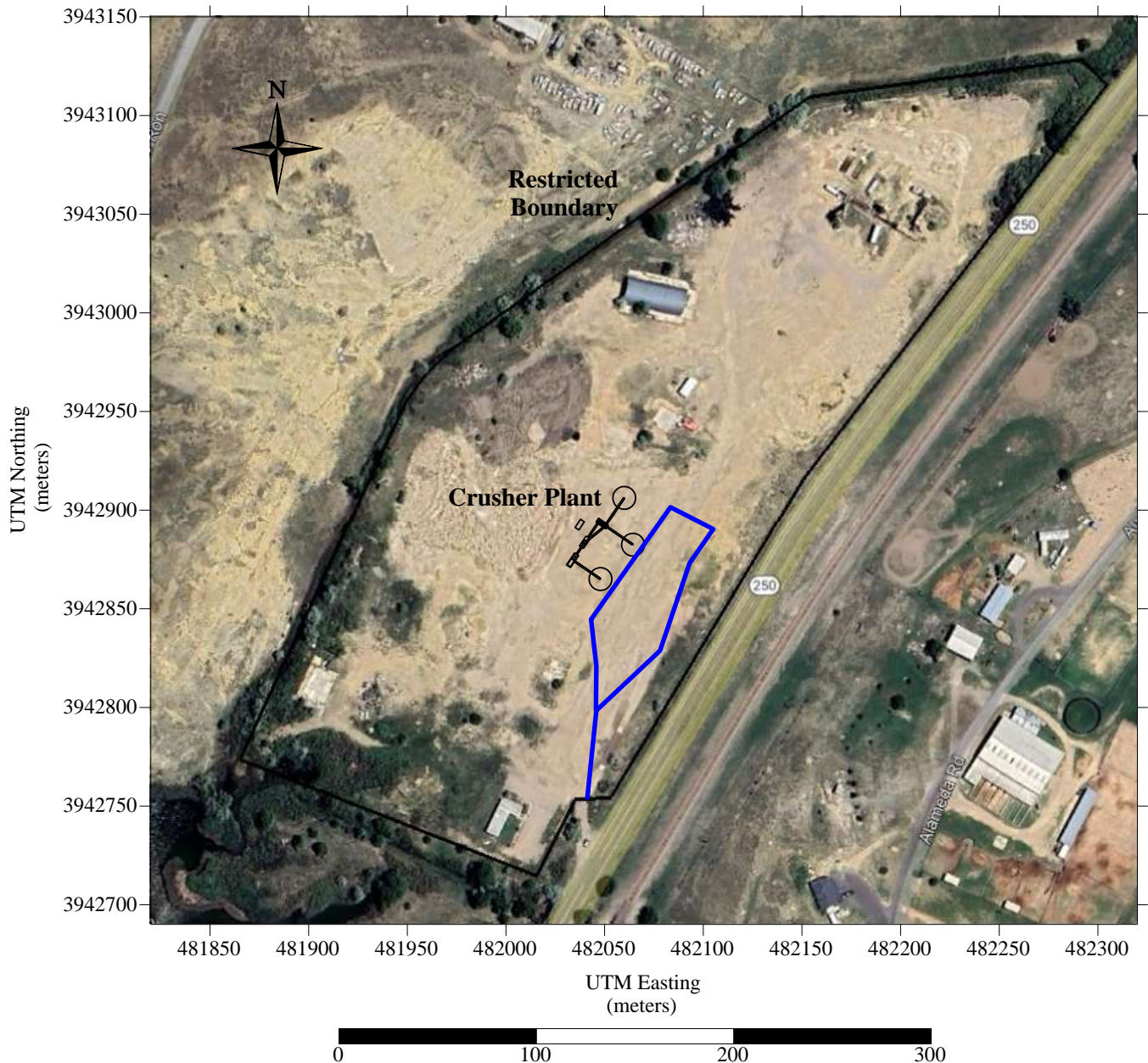


Figure 5-1: Location of Short Line Las Vegas Aggregate Crusher and Screening Plant and Surrounding Area

Section 6

All Calculations

Show all calculations used to determine both the hourly and annual controlled and uncontrolled emission rates. All calculations shall be performed keeping a minimum of three significant figures. Document the source of each emission factor used (if an emission rate is carried forward and not revised, then a statement to that effect is required). If identical units are being permitted and will be subject to the same operating conditions, submit calculations for only one unit and a note specifying what other units to which the calculations apply. All formulas and calculations used to calculate emissions must be submitted. The "Calculations" tab in the UA2 has been provided to allow calculations to be linked to the emissions tables. Add additional "Calc" tabs as needed. If the UA2 or other spread sheets are used, all calculation spread sheet(s) shall be submitted electronically in Microsoft Excel compatible format so that formulas and input values can be checked. Format all spread sheets and calculations such that the reviewer can follow the logic and verify the input values. Define all variables. If calculation spread sheets are not used, provide the original formulas with defined variables. Additionally, provide subsequent formulas showing the input values for each variable in the formula. All calculations, including those calculations are imbedded in the Calc tab of the UA2 portion of the application, the printed Calc tab(s), should be submitted under this section.

Tank Flashing Calculations: The information provided to the AQB shall include a discussion of the method used to estimate tank-flashing emissions, relative thresholds (i.e., NOI, permit, or major source (NSPS, PSD or Title V)), accuracy of the model, the input and output from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis. If Hysis is used, all relevant input parameters shall be reported, including separator pressure, gas throughput, and all other relevant parameters necessary for flashing calculation.

SSM Calculations: It is the applicant's responsibility to provide an estimate of SSM emissions or to provide justification for not doing so. In this Section, provide emissions calculations for Startup, Shutdown, and Routine Maintenance (SSM) emissions listed in the Section 2 SSM and/or Section 22 GHG Tables and the rationale for why the others are reported as zero (or left blank in the SSM/GHG Tables). Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on calculating SSM emissions. If SSM emissions are greater than those reported in the Section 2, Requested Allowables Table, modeling may be required to ensure compliance with the standards whether the application is NSR or Title V. Refer to the Modeling Section of this application for more guidance on modeling requirements.

Glycol Dehydrator Calculations: The information provided to the AQB shall include the manufacturer's maximum design recirculation rate for the glycol pump. If GRI-Glycalc is used, the full input summary report shall be included as well as a copy of the gas analysis that was used.

Road Calculations: Calculate fugitive particulate emissions and enter haul road fugitives in Tables 2-A, 2-D and 2-E for:

1. If you transport raw material, process material and/or product into or out of or within the facility and have PER emissions greater than 0.5 tpy.
2. If you transport raw material, process material and/or product into or out of the facility more frequently than one round trip per day.

Significant Figures:

A. All emissions standards are deemed to have at least two significant figures, but not more than three significant figures.

B. At least 5 significant figures shall be retained in all intermediate calculations.

C. In calculating emissions to determine compliance with an emission standard, the following rounding off procedures shall be used:

- (1) If the first digit to be discarded is less than the number 5, the last digit retained shall not be changed;
- (2) If the first digit discarded is greater than the number 5, or if it is the number 5 followed by at least one digit other than the number zero, the last figure retained shall be increased by one unit; **and**

- (3) If the first digit discarded is exactly the number 5, followed only by zeros, the last digit retained shall be rounded upward if it is an odd number, but no adjustment shall be made if it is an even number.
- (4) The final result of the calculation shall be expressed in the units of the standard.

Control Devices: In accordance with 20.2.72.203.A(3) and (8) NMAC, 20.2.70.300.D(5)(b) and (e) NMAC, and 20.2.73.200.B(7) NMAC, the permittee shall report all control devices and list each pollutant controlled by the control device regardless if the applicant takes credit for the reduction in emissions. The applicant can indicate in this section of the application if they chose to not take credit for the reduction in emission rates. For notices of intent submitted under 20.2.73 NMAC, only uncontrolled emission rates can be considered to determine applicability unless the state or federal Acts require the control. This information is necessary to determine if federally enforceable conditions are necessary for the control device, and/or if the control device produces its own regulated pollutants or increases emission rates of other pollutants.

Aggregate Crushing and Screening Plant

Pre-Control Particulate Emission Rates

Material Handling (PM_{2.5}, PM₁₀, and PM)

To estimate material handling pre-control particulate emissions rates for crushing, screening, and conveyor transfer operations, emission factors were obtained from EPA's Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources, Aug. 2004, Section 11.19.2, Table 11.19.2-2. To determine missing PM_{2.5} emission factors the ratio of 0.35/0.053 from PM₁₀/PM_{2.5} k factors found in AP-42 Section 13.2.4 (11/2006) were used.

To estimate material handling particulate emission rates for aggregate handling operations (aggregate storage piles/loading feed bins), an emission equation was obtained from EPA's Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources, Fifth Edition, Section 13.2.4 (11/2004), where the k (TSP = 0.74, PM₁₀ = 0.35, PM_{2.5} = 0.053), wind speed for determining emission rate is based on the average wind speed for Las Vegas Airport (1996 – 2006), of 11.4 mph (see Section 7) and the NMED default moisture content of 2 percent.

Uncontrolled annual emissions for tons per year (tpy) were calculated assuming daylight operation for 4380 hours per year.

Aggregate Material Handling – Drop to Storage Piles, Storage Piles, and Feed Bin Loading Emission Equation:

Maximum Hour Emission Factor

$$E \text{ (lbs/ton)} = k \times 0.0032 \times (U/5)^{1.3} / (M/2)^{1.4}$$

$$E_{PM} \text{ (lbs/ton)} = 0.74 \times 0.0032 \times (11.4/5)^{1.3} / (2/2)^{1.4}$$

$$E_{PM10} \text{ (lbs/ton)} = 0.35 \times 0.0032 \times (11.4/5)^{1.3} / (2/2)^{1.4}$$

$$E_{PM2.5} \text{ (lbs/ton)} = 0.053 \times 0.0032 \times (11.4/5)^{1.3} / (2/2)^{1.4}$$

$$E_{PM} \text{ (lbs/ton)} = 0.00691 \text{ lbs/ton};$$

$$E_{PM10} \text{ (lbs/ton)} = 0.00327 \text{ lbs/ton}$$

$$E_{PM2.5} \text{ (lbs/ton)} = 0.00050 \text{ lbs/ton}$$

AP-42 Section 11.19.2 Table 11.19.2-2 Emission Factors:

All Bin Unloading and Conveyor Transfers = Uncontrolled Conveyor Transfer Point Emission Factor

Crushing = Uncontrolled Tertiary Crushing Emission Factor

Screening = Uncontrolled Screening Emission Factor

Material Handling Emission Factors:

Process Unit	PM Emission Factor (lbs/ton)	PM ₁₀ Emission Factor (lbs/ton)	PM _{2.5} Emission Factor (lbs/ton)
Uncontrolled Tertiary Crushing	0.00540	0.00240	0.00036
Uncontrolled Screening	0.02500	0.00870	0.00130
Feed Bin Unloading, and Conveyor Transfers	0.00300	0.00110	0.00017
Uncontrolled Aggregate Storage Piles, Aggregate Drop to Piles, Feeder Loading	0.00691	0.00327	0.00050

The following equation was used to calculate the hourly emission rate for each process unit:

$$\text{Emission Rate (lbs/hour)} = \text{Process Rate (tons/hour)} * \text{Emission Factor (lbs/ton)}$$

The following equation was used to calculate the annual emission rate for each process unit:

$$\text{Emission Rate (tons/year)} = \frac{\text{Emission Rate (lbs/hour)} * \text{Operating Hour (hrs/year)}}{2000 \text{ lbs/ton}}$$

Table 6-1 Pre-Controlled Regulated Process Equipment Emission Rates

Unit #	Process Unit Description	Process Rate (tph)	PM Emission Rate (lbs/hr)	PM Emission Rate (tons/yr)	PM ₁₀ Emission Rate (lbs/hr)	PM ₁₀ Emission Rate (tons/yr)	PM _{2.5} Emission Rate (lbs/hr)	PM _{2.5} Emission Rate (tons/yr)
RAW	Raw Material Storage Pile	200	1.38	6.06	0.65	2.86	0.099	0.43
1	Feeder	200	1.38	6.06	0.65	2.86	0.099	0.43
2	Waste Conveyor	200	0.60	2.63	0.22	0.96	0.033	0.15
3	Primary Crusher	200	1.08	4.73	0.48	2.10	0.073	0.32
4	Primary Crusher Conveyor	200	0.60	2.63	0.22	0.96	0.033	0.15
5	Secondary Crusher	200	1.08	4.73	0.48	2.10	0.073	0.32
6	Secondary Crusher Conveyor	200	0.60	2.63	0.22	0.96	0.033	0.15
7	Screen	200	5.00	21.90	1.74	7.62	0.26	1.15
8	Screen Conveyor	67	0.20	2.63	0.073	0.96	0.011	0.15
9	Screen Conveyor	67	0.20	2.63	0.073	0.96	0.011	0.15
10	Screen Conveyor	67	0.20	2.63	0.073	0.96	0.011	0.15
11	Stacker Conveyor Drop to Pile	200	1.38	6.06	0.65	2.86	0.099	0.43
FPILE	Finish Piles	200	1.38	6.06	0.65	2.86	0.099	0.43
TOTALS			15.09	71.35	6.20	29.07	0.94	4.40

Controlled Particulate Emission Rates

A "Wet Suppression" system will control emissions of particulate matter during crushing and screening. Controlled sources (with wet suppression) are those that are part of the processing plant that employs current wet suppression technology similar to the study group found in AP-42 Section 11.19.2. The moisture content of the study group without wet suppression systems operating (uncontrolled) ranged from 0.21 to 1.3 percent, and the same facilities operating wet suppression systems (controlled) ranged from 0.55 to 2.88 percent. Due to carry over of the small amount of moisture required, it has been shown that each source, with the exception of crushers, does not need to employ direct water sprays. Although the moisture content was the only variable measured, other process features may have as much influence on emissions from a given source. No fugitive dust controls are proposed for loading the feeder (Unit 1), and material handling at the raw material source (RAW) or finish storage pile (FPILE). Water sprays and moisture carryover will control fugitive dust for Units 2, 3, 4, 5, 6, 7, 8, 9, 10, and 11.

To estimate material handling control particulate emissions rates for crushing, screening, and conveyor transfer operations, emission factors were obtained from EPA's Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources, Aug. 2004, Section 11.19.2, Table 11.19.2-2.

To estimate material handling control particulate emission rates for aggregate handling operations (loading feeder, stacker conveyor drops to storage piles, material handling at storage piles), an emission equation was obtained from EPA's Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources, Fifth Edition, Section 13.2.4 (11/2004), where the k (PM = 0.74, PM₁₀ = 0.35, PM_{2.5} = 0.053), wind speed for determining emission rate is based on the average wind speed for Las Vegas Airport (1996 – 2006), of 11.4 mph (see Section 7) and the NMED default moisture content of 2 percent.

Maximum rated material throughput is 200 tons per hour (tph) and 200,000 tons per year.

Aggregate Material Handling – Drop to Storage Piles, Storage Piles, and Feed Bin Loading Emission Equation:**Maximum Hour Emission Factor**

$$E \text{ (lbs/ton)} = k \times 0.0032 \times (U/5)^{1.3} / (M/2)^{1.4}$$

$$E_{PM} \text{ (lbs/ton)} = 0.74 \times 0.0032 \times (11.4/5)^{1.3} / (2/2)^{1.4}$$

$$E_{PM10} \text{ (lbs/ton)} = 0.35 \times 0.0032 \times (11.4/5)^{1.3} / (2/2)^{1.4}$$

$$E_{PM2.5} \text{ (lbs/ton)} = 0.053 \times 0.0032 \times (11.4/5)^{1.3} / (2/2)^{1.4}$$

$$E_{PM} \text{ (lbs/ton)} = 0.00691 \text{ lbs/ton};$$

$$E_{PM10} \text{ (lbs/ton)} = 0.00327 \text{ lbs/ton}$$

$$E_{PM2.5} \text{ (lbs/ton)} = 0.00050 \text{ lbs/ton}$$

AP-42 Emission Factors:

All Crushing Sources = Controlled Tertiary Crushing Emission Factor

All Screening Sources = Controlled Screening Emission Factor

All Conveyor Transfers = Controlled Conveyor Transfer Point Emission Factor

Material Handling Emission Factors:

Process Unit	PM Emission Factor (lbs/ton)	PM ₁₀ Emission Factor (lbs/ton)	PM _{2.5} Emission Factor (lbs/ton)
Controlled Tertiary Crushing	0.00120	0.00054	0.00010
Controlled Screening	0.00220	0.00074	0.00005
Controlled Conveyor Transfer	0.00014	0.00005	0.000013
Uncontrolled Aggregate Storage Piles, Aggregate Drop to Piles, Feeder Loading	0.00691	0.00327	0.00050

The following equations was used to calculate the hourly emission rate for each process unit:

$$\text{Emission Rate (lbs/hour)} = \text{Process Rate (tons/hour)} * \text{Controlled Emission Factor (lbs/ton)}$$

The following equations was used to calculate the hourly emission rate for each process unit:

$$\text{Emission Rate (tons/year)} = \frac{\text{Controlled Emission Rate (lbs/hour)} * \text{Operating Hour (hrs/year)}}{2000 \text{ lbs/ton}}$$

Table 6-2 Controlled Regulated Process Equipment Emission Rates

Unit #	Process Unit Description	Process Rate (tph)	PM Emission Rate (lbs/hr)	PM Emission Rate (tons/yr)	PM ₁₀ Emission Rate (lbs/hr)	PM ₁₀ Emission Rate (tons/yr)	PM _{2.5} Emission Rate (lbs/hr)	PM _{2.5} Emission Rate (tons/yr)
RAW	Raw Material Storage Pile	200	1.38	3.03	0.65	1.43	0.099	0.22
1	Feeder	200	1.38	3.03	0.65	1.43	0.099	0.22
2	Waste Conveyor	200	0.028	0.061	0.0092	0.020	0.0026	0.0057
3	Primary Crusher	200	0.24	0.53	0.11	0.24	0.020	0.044
4	Primary Crusher Conveyor	200	0.028	0.061	0.0092	0.020	0.0026	0.0057
5	Secondary Crusher	200	0.24	0.53	0.11	0.24	0.020	0.044
6	Secondary Crusher Conveyor	200	0.028	0.061	0.0092	0.020	0.0026	0.0057
7	Screen	200	0.44	0.96	0.15	0.32	0.010	0.022
8	Screen Conveyor	67	0.0093	0.061	0.0031	0.020	0.00087	0.0057
9	Screen Conveyor	67	0.0093	0.061	0.0031	0.020	0.00087	0.0057
10	Screen Conveyor	67	0.0093	0.061	0.0031	0.020	0.00087	0.0057
11	Stacker Conveyor Drop to Pile	200	1.38	3.03	0.65	1.43	0.099	0.22
FPILE	Finish Piles	200	1.38	3.03	0.65	1.43	0.099	0.22
TOTALS			6.56	14.50	3.02	6.65	0.46	1.01

Estimates for 350 hp Crushing and Screening Plant Diesel-Fired Engine (NO_x, CO, SO₂, VOC, PM, and CO₂)

A 350 horsepower (hp), 261 kilowatt (kW) engine (Unit 12) provides power to the aggregate crushing and screening plant's feeder and primary crusher. Emission rates for NO_x, CO, PM and NMHC are based on EPA Tier 2 emission factors (See Section 7). Tier 2 emission factors lists NMHC+NO_x. NO_x emission factor is 95% of the NMHC+NO_x emission factor and Hydrocarbons (VOC) is 5% of the NMHC+NO_x emission factor. Sulfur dioxide (SO₂) emissions are estimated based on sulfur content of diesel fuel, not to exceed 0.05% fuel content and a fuel usage rate of 17.7 gal/hr. CO₂ emission rates are found in AP-42 Section 3.3. Uncontrolled annual emissions in tons per year (tpy) were calculated assuming daylight operation of 8760 hours per year. Controlled annual emissions in tons per year (tpy) were calculated assuming daylight operation of 4380 hours per year.

EPA Tier 2:

Pollutant	EPA Tier 2 Emission Factor (g-kW/hr)
NMHC+NO _x	6.40
Nitrogen Oxide (NO _x)	6.08
Carbon Monoxides (CO)	3.50
Particulate (PM)	0.20
Hydrocarbons (VOC)	0.32

Sulfur dioxide emission rate was calculated using the fuel consumption rate for this engine of 17.7 gallons per hour, a fuel density of 7.1 pounds per gallon, a fuel sulfur content of 500 PPM, and a sulfur to sulfur dioxide conversion factor of two (2). The following equation calculates the emission rate for sulfur dioxide (SO₂).

$$\text{Emission Rate (lbs/hr)} = \text{Fuel (gal/hr)} * \text{Density lbs/gal} * \% \text{ Sulfur Content} * \text{Factor}$$

$$\text{Emission Rate (lbs/hr)} = \frac{17.7 \text{ gallons}}{\text{hr}} * \frac{7.1 \text{ lbs}}{\text{gallon}} * \frac{0.0005 \text{ lbs Sulfur}}{\text{lbs of fuel}} * \frac{2 \text{ lbs Sulfur Dioxide}}{1 \text{ lb Sulfur}}$$

$$\text{Emission Rate (lbs/hr)} = 0.13 \text{ lbs/hr}$$

Carbon Dioxide emissions were estimated using AP-42 Table 3.3-1 emission factor of 1.15 lbs/hp-hr.

The following equation was used to calculate the annual emission rate for each engine pollutant:

$$\text{Emission Rate (tons/year)} = \frac{\text{Emission Rate (lbs/hour)} * \text{Operating Hour (hrs/year)}}{2000 \text{ lbs/ton}}$$

Table 6-3: Pre-Controlled Combustion Emission Rates

Process Unit Number	Pollutant	Engine Rating (hp)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)
12	NO _x	350	3.50	15.32
	CO	350	2.01	8.82
	SO ₂	350	0.18	0.81
	VOC	350	0.13	0.55
	PM	350	0.12	0.50
	CO ₂	350	402.5	1763.0

Table 6-4: Controlled Combustion Emission Rates

Process Unit Number	Pollutant	Engine Rating (hp)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)
12	NO _x	350	3.50	7.66
	CO	350	2.01	4.41
	SO ₂	350	0.18	0.40
	VOC	350	0.13	0.28
	PM	350	0.12	0.25
	CO ₂	350	402.5	881.5

Estimates for 325 hp Crushing and Screening Plant Diesel-Fired Engine (NO_x, CO, SO₂, VOC, PM, and CO₂)

A 325 horsepower (hp), 242 kilowatt (kW) engine (Unit 13) provides power to the aggregate crushing and screening plant. Emission rates for NO_x, CO, PM and NMHC are based on EPA Tier 2 emission factors (See Section 7). Tier 2 emission factors lists NMHC+NO_x. NO_x emission factor is 95% of the NMHC+NO_x emission factor and Hydrocarbons (VOC) is 5% of the NMHC+NO_x emission factor. Sulfur dioxide (SO₂) emissions are estimated based on sulfur content of diesel fuel, not to exceed 0.05% fuel content and a fuel usage rate of 16.5 gal/hr. CO₂ emission rates are found in AP-42 Section 3.3. Uncontrolled annual emissions in tons per year (tpy) were calculated assuming daylight operation of 8760 hours per year. Controlled annual emissions in tons per year (tpy) were calculated assuming daylight operation of 4380 hours per year.

EPA Tier 2:

Pollutant	EPA Tier 2 Emission Factor (g-kW/hr)
NMHC+NO _x	6.40
Nitrogen Oxide (NO _x)	6.08
Carbon Monoxides (CO)	3.50
Particulate (PM)	0.20
Hydrocarbons (VOC)	0.32

Sulfur dioxide emission rate was calculated using the fuel consumption rate for this engine of 16.5 gallons per hour, a fuel density of 7.1 pounds per gallon, a fuel sulfur content of 500 PPM, and a sulfur to sulfur dioxide conversion factor of two (2). The following equation calculates the emission rate for sulfur dioxide (SO₂).

$$\text{Emission Rate (lbs/hr)} = \text{Fuel (gal/hr)} * \text{Density lbs/gal} * \% \text{ Sulfur Content} * \text{Factor}$$

$$\text{Emission Rate (lbs/hr)} = \frac{16.5 \text{ gallons}}{\text{hr}} * \frac{7.1 \text{ lbs}}{\text{gallon}} * \frac{0.0005 \text{ lbs Sulfur}}{\text{lbs of fuel}} * \frac{2 \text{ lbs Sulfur Dioxide}}{1 \text{ lb Sulfur}}$$

$$\text{Emission Rate (lbs/hr)} = 0.12 \text{ lbs/hr}$$

Carbon Dioxide emissions were estimated using AP-42 Table 3.3-1 emission factor of 1.15 lbs/hp-hr.

The following equation was used to calculate the annual emission rate for each engine pollutant:

$$\text{Emission Rate (tons/year)} = \frac{\text{Emission Rate (lbs/hour)} * \text{Operating Hour (hrs/year)}}{2000 \text{ lbs/ton}}$$

Table 6-5: Pre-Controlled Combustion Emission Rates

Process Unit Number	Pollutant	Engine Rating (hp)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)
13	NO _x	325	3.25	14.23
	CO	325	1.87	8.19
	SO ₂	325	0.17	0.75
	VOC	325	0.12	0.51
	PM	325	0.11	0.47
	CO ₂	325	373.8	1637.0

Table 6-6: Controlled Combustion Emission Rates

Process Unit Number	Pollutant	Engine Rating (hp)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)
13	NO _x	325	3.25	7.11
	CO	325	1.87	4.10
	SO ₂	325	0.17	0.37
	VOC	325	0.12	0.26
	PM	325	0.11	0.23
	CO ₂	325	373.8	818.5

Estimates for Truck Traffic (PM_{2.5}, PM₁₀ and PM) (Unit 14)

Haul truck travel emissions were estimated using AP-42, Section 13.2.2 (ver.11/06) "Unpaved Roads" emission equation. Haul roads for the aggregate crushing and screening plant use base course and watering as the control method (80% control efficiency allowed). Maximum number of round trip haul trucks per day is 252, which is equivalent to 17.4 haul trucks per hour based on a 14.5 hour day. Tables 6-7 and 6-8 summarizes the emission rate for both the uncontrolled and control method.

$$E = k * (s/12)^a * (W/3)^b * [(365 - p)/365] * VMT$$

Where k = constant PM_{2.5} = 0.15
 PM₁₀ = 1.5
 PM = 4.9

s = % silt content (Table 13.2.2-1, "Sand and Gravel" 4.8%)

W = mean vehicle weight (26.5 tons) (Truck Tare Weight - 15 tons; Load Weight - 23 tons)

p = number of days with at least 0.01 in of precip. (NMED Policy = 70 days)

a = Constant PM_{2.5} = 0.9
 PM₁₀ = 0.9
 PM = 0.7

b = Constant PM_{2.5} = 0.45
 PM₁₀ = 0.45
 PM = 0.45

VMT = Vehicle Miles Traveled (road length = 0.20929 miles round trip)

Trucks per hour = 8.7 trucks material in and 8.7 trucks material out; total 17.4 trucks/hr

Maximum Trucks per day = 252 trucks/day

Hourly Emission Rate Factor Uncontrolled

PM = 6.8769 lbs/VMT

PM₁₀ = 1.7527 lbs/VMT

PM_{2.5} = 0.1753 lbs/VMT

Annual Emission Rate Factor Uncontrolled

PM = 5.5581 lbs/annual VMT

PM₁₀ = 1.4165 lbs/annual VMT

PM_{2.5} = 0.1417 lbs/annual VMT

Table 6-7: Uncontrolled Haul Road Fugitive Dust Emission Rates

Process Unit Description	Miles Traveled	PM Emission Rate (lbs/hr)	PM Emission Rate (tons/yr)	PM ₁₀ Emission Rate (lbs/hr)	PM ₁₀ Emission Rate (tons/yr)	PM _{2.5} Emission Rate (lbs/hr)	PM _{2.5} Emission Rate (tons/yr)
Haul Truck Travel	3.6398 miles/hr 31,885 miles/yr	25.03	88.61	6.38	22.58	0.64	2.26

Fugitive dust control will include base course and watering for 80% control (NMED Policy). Reduction in emissions due to precipitation was only accounted for in the annual emission rate. Particulate emission rate per vehicle mile traveled for each particle size category is:

Hourly Emission Rate Factor with Base Course and Watering 80% Control

PM = 1.3754 lbs/VMT

PM₁₀ = 0.3505 lbs/VMT

PM_{2.5} = 0.0351 lbs/VMT

Annual Emission Rate Factor with Base Course and Watering 80% Control

PM = 1.1116 lbs/annual VMT

PM₁₀ = 0.2833 lbs/annual VMT

PM_{2.5} = 0.0283 lbs/annual VMT

Table 6-8: Controlled Haul Road Fugitive Dust Emission Rates

Process Unit Description	Miles Traveled	PM Emission Rate (lbs/hr)	PM Emission Rate (tons/yr)	PM ₁₀ Emission Rate (lbs/hr)	PM ₁₀ Emission Rate (tons/yr)	PM _{2.5} Emission Rate (lbs/hr)	PM _{2.5} Emission Rate (tons/yr)
Haul Truck Travel Base Course and Watering	3.6398 miles/hr 31,885 miles/yr	5.01	8.86	1.28	2.26	0.13	0.23

Table 6-9 Summary of Uncontrolled NO_x, CO, SO₂, VOC, and PM Emission Rates

Uncontrolled Emission Totals															
Unit #	Description	NO _x		CO		SO ₂		VOC		PM		PM ₁₀		PM _{2.5}	
		lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
RAW	Raw Material Pile	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.10	0.43
1	Feeder	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.10	0.43
2	Waste Conveyor	-	-	-	-	-	-	-	-	0.60	2.63	0.22	0.96	0.033	0.15
3	Primary Crusher	-	-	-	-	-	-	-	-	1.08	4.73	0.48	2.10	0.073	0.32
4	Primary Crusher Conveyor	-	-	-	-	-	-	-	-	0.60	2.63	0.22	0.96	0.033	0.15
5	Secondary Crusher	-	-	-	-	-	-	-	-	1.08	4.73	0.48	2.10	0.073	0.32
6	Secondary Crusher Conveyor	-	-	-	-	-	-	-	-	0.60	2.63	0.22	0.96	0.033	0.15
7	Screen	-	-	-	-	-	-	-	-	5.00	21.90	1.74	7.62	0.26	1.15
8	Stacker Conveyor 1	-	-	-	-	-	-	-	-	0.20	2.63	0.07	0.96	0.011	0.15
9	Stacker Conveyor 2	-	-	-	-	-	-	-	-	0.20	2.63	0.07	0.96	0.011	0.15
10	Stacker Conveyor 3	-	-	-	-	-	-	-	-	0.20	2.63	0.07	0.96	0.011	0.15
11	Stacker Conveyor Drop to Pile	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.10	0.43
FPILE	Finish Piles	-	-	-	-	-	-	-	-	1.38	6.06	0.65	2.86	0.10	0.43
12	Crusher Generator 1	3.50	15.32	2.01	8.82	0.13	0.55	0.18	0.81	0.12	0.50	0.12	0.50	0.12	0.50
13	Crusher Generator 2	3.25	14.23	1.87	8.19	0.12	0.51	0.17	0.75	0.11	0.47	0.11	0.47	0.11	0.47
14	Crusher Haul Road	-	-	-	-	-	-	-	-	25.03	88.61	6.38	22.58	0.64	2.26
	Total	6.75	29.55	3.88	17.01	0.24	1.06	0.36	1.56	40.34	160.93	12.80	52.62	1.80	7.63

Table 6-10 Summary of Allowable NOx, CO, SO2, VOC, and PM Emission Rates

Uncontrolled Emission Totals															
Unit #	Description	NOx		CO		SO ₂		VOC		PM		PM ₁₀		PM _{2.5}	
		lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
RAW	Raw Material Pile	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.10	0.22
1	Feeder	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.10	0.22
2	Waste Conveyor	-	-	-	-	-	-	-	-	0.028	0.061	0.0092	0.020	0.0026	0.0057
3	Primary Crusher	-	-	-	-	-	-	-	-	0.24	0.53	0.11	0.24	0.020	0.044
4	Primary Crusher Conveyor	-	-	-	-	-	-	-	-	0.028	0.061	0.0092	0.020	0.0026	0.0057
5	Secondary Crusher	-	-	-	-	-	-	-	-	0.24	0.53	0.11	0.24	0.020	0.044
6	Secondary Crusher Conveyor	-	-	-	-	-	-	-	-	0.028	0.061	0.0092	0.020	0.0026	0.0057
7	Screen	-	-	-	-	-	-	-	-	0.44	0.96	0.15	0.32	0.010	0.022
8	Stacker Conveyor 1	-	-	-	-	-	-	-	-	0.009	0.061	0.0031	0.020	0.0009	0.0057
9	Stacker Conveyor 2	-	-	-	-	-	-	-	-	0.009	0.061	0.0031	0.020	0.0009	0.0057
10	Stacker Conveyor 3	-	-	-	-	-	-	-	-	0.009	0.061	0.0031	0.020	0.0009	0.0057
11	Stacker Conveyor Drop to Pile	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.10	0.22
FPILE	Finish Piles	-	-	-	-	-	-	-	-	1.38	3.03	0.65	1.43	0.10	0.22
12	Crusher Generator 1	3.50	7.66	2.01	4.41	0.13	0.28	0.18	0.40	0.12	0.25	0.12	0.25	0.12	0.25
13	Crusher Generator 2	3.25	7.11	1.87	4.10	0.12	0.26	0.17	0.37	0.11	0.23	0.11	0.23	0.11	0.23
14	Crusher Haul Road	-	-	-	-	-	-	-	-	5.01	8.86	1.28	2.26	0.128	0.23
	Total	6.75	14.78	3.88	8.51	0.24	0.53	0.36	0.78	11.79	23.84	4.51	9.39	0.81	1.72

Estimates for Federal HAPs Air Pollutants

The crushing and screening plant generator (Units 12 and 13) are sources of HAPs as it appears in Section 112 (b) of the 1990 CAAA. Emissions of HAPs were determined for Units 12 and 13 generator/engines using AP-42 Section 3.3 and Section 1.3.

The following tables summarize the HAPs emission rates from the crushing and screening plant generators (Unit 12 and 13). Total combined HAPs emissions from crushing and screening plant are 0.028 pounds per hour and 0.062 tons per year.

Table 6-11: HAPs Emission Rates from the Crushing and Screening Plant Generator (Unit 12)

Horsepower Rating:	350	horsepower	
Fuel Usage:	17.7	gallons/hr	
MMBtu/hr:	2.2656	Btu	(based on 128000 Btu/gallon)
Btu x 10 ⁻¹² /hr:	2.2656E-06	Btu x10 ⁻¹²	(based on 128000 Btu/gallon)
Yearly Operating Hours:	4380	hours per year	

Type of Fuel:	Diesel
Emission Factors	AP-42 Section 3.3 and Section 1.3

Non-PAH HAPS	CAS#	Emission Factor (lbs/mmBtu)	Emission Rate (lbs/hr)	Emission Rate (ton/yr)
Acetaldehyde	75-07-0	7.67E-04	0.001738	0.003806
Acrolein	107-02-8	9.25E-05	0.000210	0.000459
Benzene	71-43-2	9.33E-04	0.002114	0.004629
1,3-Butadiene	106-99-0	3.91E-05	0.000089	0.000194
Formaldehyde	50-00-0	1.18E-03	0.002673	0.005855
Propylene	115-07-1	2.58E-03	0.005845	0.012801
Toluene	108-88-3	4.09E-04	0.000927	0.002029
Xylene	1330-20-7	2.85E-04	0.000646	0.001414
Total Non-PAH HAPS		6.29E-03	0.014241	0.031187

PAH HAPS	CAS#	Emission Factor (lbs/mmBtu)	Emission Rate (lbs/hr)	Emission Rate (ton/yr)
Acenaphthene	83-32-9	1.42E-06	0.000003	0.000007
Acenaphthylene	208-96-8	5.06E-06	0.000011	0.000025
Anthracene	120-12-7	1.87E-06	0.000004	0.000009
Benzo(a)anthracene	56-55-3	1.68E-06	0.000004	0.000008
Benzo(a)pyrene	50-32-8	1.88E-07	0.000000	0.000001
Benzo(b)fluoranthene	205-99-2	9.91E-08	0.000000	0.000000
Benzo(a)pyrene	192-97-2	1.55E-07	0.000000	0.000001
Benzo(g,h,i)perylene	191-24-2	4.89E-07	0.000001	0.000002
Benzo(k)fluoranthene	207-08-9	1.55E-07	0.000000	0.000001
Dibenz(a,h)anthracene		5.83E-07	0.000001	0.000003
Chrysene	218-01-9	3.53E-07	0.000001	0.000002
Fluoranthene	206-44-0	7.61E-06	0.000017	0.000038
Fluorene	86-73-7	2.92E-05	0.000066	0.000145
Indeno(1,2,3-cd)pyrene	193-39-5	3.75E-07	0.000001	0.000002
Naphthalene	91-20-3	8.48E-05	0.000192	0.000421
Phenanthrene	85-01-8	2.94E-05	0.000067	0.000146
Pyrene	129-00-0	4.78E-06	0.000011	0.000024
Total PAH HAPS		1.68E-04	0.000381	0.000835

HAPS Metals	Emission Factor (lbs/Btu¹²)	Emission Rate (lbs/hr)	Emission Rate (ton/yr)
Arsenic	4	0.000009	0.000020
Beryllium	3	0.000007	0.000015
Cadmium	3	0.000007	0.000015
Chromium	3	0.000007	0.000015
Lead	9	0.000020	0.000045
Manganese	6	0.000014	0.000030
Mercury	3	0.000007	0.000015
Nickel	3	0.000007	0.000015
Selenium	15	0.000034	0.000074
Total Metals HAPS	49	0.000111	0.000243
Total HAPS		0.01473	0.03226

Table 6-12: HAPs Emission Rates from the Crushing and Screening Plant Generator (Unit 12)

Horsepower Rating:	325	horsepower	
Fuel Usage:	16.5	gallons/hr	
MMBtu/hr:	2.112	Btu	(based on 128000 Btu/gallon)
Btu x 10 ⁻¹² /hr:	0.000002112	Btu x10 ⁻¹²	(based on 128000 Btu/gallon)
Yearly Operating Hours:	4380	hours per year	

Type of Fuel:	Diesel
Emission Factors	AP-42 Section 3.3 and Section 1.3

Non-PAH HAPS	CAS#	Emission Factor (lbs/mmBtu)	Emission Rate (lbs/hr)	Emission Rate (ton/yr)
Acetaldehyde	75-07-0	7.67E-04	0.001620	0.003548
Acrolein	107-02-8	9.25E-05	0.000195	0.000428
Benzene	71-43-2	9.33E-04	0.001970	0.004315
1,3-Butadiene	106-99-0	3.91E-05	0.000083	0.000181
Formaldehyde	50-00-0	1.18E-03	0.002492	0.005458
Propylene	115-07-1	2.58E-03	0.005449	0.011933
Toluene	108-88-3	4.09E-04	0.000864	0.001892
Xylene	1330-20-7	2.85E-04	0.000602	0.001318
Total Non-PAH HAPS		6.29E-03	0.013275	0.029073

PAH HAPS	CAS#	Emission Factor (lbs/mmBtu)	Emission Rate (lbs/hr)	Emission Rate (ton/yr)
Acenaphthene	83-32-9	1.42E-06	0.000003	0.000007
Acenaphthylene	208-96-8	5.06E-06	0.000011	0.000023
Anthracene	120-12-7	1.87E-06	0.000004	0.000009
Benzo(a)anthracene	56-55-3	1.68E-06	0.000004	0.000008
Benzo(a)pyrene	50-32-8	1.88E-07	0.000000	0.000001
Benzo(b)fluoranthene	205-99-2	9.91E-08	0.000000	0.000000
Benzo(a)pyrene	192-97-2	1.55E-07	0.000000	0.000001
Benzo(g,h,i)perylene	191-24-2	4.89E-07	0.000001	0.000002
Benzo(k)fluoranthene	207-08-9	1.55E-07	0.000000	0.000001
Dibenz(a,h)anthracene		5.83E-07	0.000001	0.000003
Chrysene	218-01-9	3.53E-07	0.000001	0.000002
Fluoranthene	206-44-0	7.61E-06	0.000016	0.000035
Fluorene	86-73-7	2.92E-05	0.000062	0.000135
Indeno(1,2,3-cd)pyrene	193-39-5	3.75E-07	0.000001	0.000002
Naphthalene	91-20-3	8.48E-05	0.000179	0.000392
Phenanthrene	85-01-8	2.94E-05	0.000062	0.000136
Pyrene	129-00-0	4.78E-06	0.000010	0.000022
Total PAH HAPS		1.68E-04	0.000355	0.000778

HAPS Metals	Emission Factor (lbs/Btu¹²)	Emission Rate (lbs/hr)	Emission Rate (ton/yr)
Arsenic	4	0.000008	0.000019
Beryllium	3	0.000006	0.000014
Cadmium	3	0.000006	0.000014
Chromium	3	0.000006	0.000014
Lead	9	0.000019	0.000042
Manganese	6	0.000013	0.000028
Mercury	3	0.000006	0.000014
Nickel	3	0.000006	0.000014
Selenium	15	0.000032	0.000069
Total Metals HAPS	49	0.000103	0.000227
Total HAPS		0.01373	0.03008

Section 6.a

Green House Gas Emissions

(Submitting under 20.2.70, 20.2.72 20.2.74 NMAC)

Title V (20.2.70 NMAC), Minor NSR (20.2.72 NMAC), and PSD (20.2.74 NMAC) applicants must estimate and report greenhouse gas (GHG) emissions to verify the emission rates reported in the public notice, determine applicability to 40 CFR 60 Subparts, and to evaluate Prevention of Significant Deterioration (PSD) applicability. GHG emissions that are subject to air permit regulations consist of the sum of an aggregate group of these six greenhouse gases: carbon dioxide (CO₂), nitrous oxide (N₂O), methane (CH₄), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).

Calculating GHG Emissions:

1. Calculate the ton per year (tpy) GHG mass emissions and GHG CO₂e emissions from your facility.
2. GHG mass emissions are the sum of the total annual tons of greenhouse gases without adjusting with the global warming potentials (GWPs). GHG CO₂e emissions are the sum of the mass emissions of each individual GHG multiplied by its GWP found in Table A-1 in 40 CFR 98 Mandatory Greenhouse Gas Reporting.
3. Emissions from routine or predictable start up, shut down, and maintenance must be included.
4. Report GHG mass and GHG CO₂e emissions in Table 2-P of this application. Emissions are reported in **short** tons per year and represent each emission unit's Potential to Emit (PTE).
5. All Title V major sources, PSD major sources, and all power plants, whether major or not, must calculate and report GHG mass and CO₂e emissions for each unit in Table 2-P.
6. For minor source facilities that are not power plants, are not Title V, and are not PSD there are three options for reporting GHGs in Table 2-P: 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHGs as a second separate unit; 3) or check the following **X** By checking this box, the applicant acknowledges the total CO₂e emissions are less than 75,000 tons per year.

Sources for Calculating GHG Emissions:

- Manufacturer's Data
- AP-42 Compilation of Air Pollutant Emission Factors at <http://www.epa.gov/ttn/chief/ap42/index.html>
- EPA's Internet emission factor database WebFIRE at <http://cfpub.epa.gov/webfire/>
- 40 CFR 98 Mandatory Green House Gas Reporting except that tons should be reported in short tons rather than in metric tons for the purpose of PSD applicability.
- API Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Natural Gas Industry. August 2009 or most recent version.
- Sources listed on EPA's NSR Resources for Estimating GHG Emissions at <http://www.epa.gov/nsr/clean-air-act-permitting-greenhouse-gases>:

Global Warming Potentials (GWP):

Applicants must use the Global Warming Potentials codified in Table A-1 of the most recent version of 40 CFR 98 Mandatory Greenhouse Gas Reporting. The GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to that of one unit mass of CO₂ over a specified time period.

"Greenhouse gas" for the purpose of air permit regulations is defined as the aggregate group of the following six gases: carbon dioxide, nitrous oxide, methane, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. **(20.2.70.7 NMAC, 20.2.74.7 NMAC)**. You may also find GHGs defined in 40 CFR 86.1818-12(a).

Metric to Short Ton Conversion:

Short tons for GHGs and other regulated pollutants are the standard unit of measure for PSD and title V permitting programs. 40 CFR 98 Mandatory Greenhouse Reporting requires metric tons.

1 metric ton = 1.10231 short tons (per Table A-2 to Subpart A of Part 98 – Units of Measure Conversions)

Section 7

Information Used to Determine Emissions

Information Used to Determine Emissions shall include the following:

- ☐ If manufacturer data are used, include specifications for emissions units and control equipment, including control efficiencies specifications and sufficient engineering data for verification of control equipment operation, including design drawings, test reports, and design parameters that affect normal operation.
- ☐ If test data are used, include a copy of the complete test report. If the test data are for an emissions unit other than the one being permitted, the emission units must be identical. Test data may not be used if any difference in operating conditions of the unit being permitted and the unit represented in the test report significantly effect emission rates.
- ☒ If the most current copy of AP-42 is used, reference the section and date located at the bottom of the page. Include a copy of the page containing the emissions factors, and clearly mark the factors used in the calculations.
- ☐ If an older version of AP-42 is used, include a complete copy of the section.
- ☒ If an EPA document or other material is referenced, include a complete copy.
- ☐ Fuel specifications sheet.
- ☐ If computer models are used to estimate emissions, include an input summary (if available) and a detailed report, and a disk containing the input file(s) used to run the model. For tank-flashing emissions, include a discussion of the method used to estimate tank-flashing emissions, relative thresholds (i.e., permit or major source (NSPS, PSD or Title V)), accuracy of the model, the input and output from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis.

A-XXXX-7-AP42S1-3	Diesel-Fired Engine HAPs Emission Factors
A-XXXX-7-AP42S3-3	Diesel-Fired Engine HAPs Emission Factors
A-XXXX-7-AP42S11-19-2	Crusher, Screen and Transfer Point Emission Factors
A-XXXX-7-AP42S13-2-2	Unpaved Road Emission Factors
A-XXXX-7-AP42S13-2-4	Material Handling Emission Factors
A-XXXX-7-WindspeedLasVegas	Las Vegas Airport Wind Speed Average
A-XXXX-7-Unit12Tier2	Unit 12: Crusher Plant Generator 1
A-XXXX-7-Unit13Tier2	Unit 13: Crusher Plant Generator 2
A-XXXX-7-CrusherEI.xls	Short Line Crusher Plant Emissions Spreadsheet (Electronic File)

1.3 Fuel Oil Combustion

1.3.1 General¹⁻³

Two major categories of fuel oil are burned by combustion sources: distillate oils and residual oils. These oils are further distinguished by grade numbers, with Nos. 1 and 2 being distillate oils; Nos. 5 and 6 being residual oils; and No. 4 being either distillate oil or a mixture of distillate and residual oils. No. 6 fuel oil is sometimes referred to as Bunker C. Distillate oils are more volatile and less viscous than residual oils. They have negligible nitrogen and ash contents and usually contain less than 0.3 percent sulfur (by weight). Distillate oils are used mainly in domestic and small commercial applications, and include kerosene and diesel fuels. Being more viscous and less volatile than distillate oils, the heavier residual oils (Nos. 5 and 6) may need to be heated for ease of handling and to facilitate proper atomization. Because residual oils are produced from the residue remaining after the lighter fractions (gasoline, kerosene, and distillate oils) have been removed from the crude oil, they contain significant quantities of ash, nitrogen, and sulfur. Residual oils are used mainly in utility, industrial, and large commercial applications.

1.3.2 Firing Practices⁴

The major boiler configurations for fuel oil-fired combustors are watertube, firetube, cast iron, and tubeless design. Boilers are classified according to design and orientation of heat transfer surfaces, burner configuration, and size. These factors can all strongly influence emissions as well as the potential for controlling emissions.

Watertube boilers are used in a variety of applications ranging from supplying large amounts of process steam to providing space heat for industrial facilities. In a watertube boiler, combustion heat is transferred to water flowing through tubes which line the furnace walls and boiler passes. The tube surfaces in the furnace (which houses the burner flame) absorb heat primarily by radiation from the flames. The tube surfaces in the boiler passes (adjacent to the primary furnace) absorb heat primarily by convective heat transfer.

Firetube boilers are used primarily for heating systems, industrial process steam generators, and portable power boilers. In firetube boilers, the hot combustion gases flow through the tubes while the water being heated circulates outside of the tubes. At high pressures and when subjected to large variations in steam demand, firetube units are more susceptible to structural failure than watertube boilers. This is because the high-pressure steam in firetube units is contained by the boiler walls rather than by multiple small-diameter watertubes, which are inherently stronger. As a consequence, firetube boilers are typically small and are used primarily where boiler loads are relatively constant. Nearly all firetube boilers are sold as packaged units because of their relatively small size.

A cast iron boiler is one in which combustion gases rise through a vertical heat exchanger and out through an exhaust duct. Water in the heat exchanger tubes is heated as it moves upward through the tubes. Cast iron boilers produce low pressure steam or hot water, and generally burn oil or natural gas. They are used primarily in the residential and commercial sectors.

Another type of heat transfer configuration used on smaller boilers is the tubeless design. This design incorporates nested pressure vessels with water in between the shells. Combustion gases are fired into the inner pressure vessel and are then sometimes recirculated outside the second vessel.

Table 1.3-9. EMISSION FACTORS FOR SPECIATED ORGANIC COMPOUNDS
FROM FUEL OIL COMBUSTION^a

Organic Compound	Average Emission Factor ^b (lb/10 ³ Gal)	EMISSION FACTOR RATING
Benzene	2.14E-04	C
Ethylbenzene	6.36E-05 ^c	E
Formaldehyde ^d	3.30E-02	C
Naphthalene	1.13E-03	C
1,1,1-Trichloroethane	2.36E-04 ^c	E
Toluene	6.20E-03	D
o-Xylene	1.09E-04 ^c	E
Acenaphthene	2.11E-05	C
Acenaphthylene	2.53E-07	D
Anthracene	1.22E-06	C
Benz(a)anthracene	4.01E-06	C
Benzo(b,k)fluoranthene	1.48E-06	C
Benzo(g,h,i)perylene	2.26E-06	C
Chrysene	2.38E-06	C
Dibenzo(a,h) anthracene	1.67E-06	D
Fluoranthene	4.84E-06	C
Fluorene	4.47E-06	C
Indo(1,2,3-cd)pyrene	2.14E-06	C
Phenanthrene	1.05E-05	C
Pyrene	4.25E-06	C
OCDD	3.10E-09 ^c	E

^a Data are for residual oil fired boilers, Source Classification Codes (SCCs) 1-01-004-01/04.

^b References 64-72. To convert from lb/10³ gal to kg/10³ L, multiply by 0.12.

^c Based on data from one source test (Reference 67).

^d The formaldehyde number presented here is based only on data from utilities using No. 6 oil. The number presented in Table 1.3-7 is based on utility, commercial, and industrial boilers.

Table 1.3-10. EMISSION FACTORS FOR TRACE ELEMENTS FROM DISTILLATE FUEL OIL COMBUSTION SOURCES^a

EMISSION FACTOR RATING: E

Firing Configuration (SCC)	Emission Factor (lb/10 ¹² Btu)										
	As	Be	Cd	Cr	Cu	Pb	Hg	Mn	Ni	Se	Zn
Distillate oil fired (1-01-005-01, 1-02-005-01, 1-03-005-01)	4	3	3	3	6	9	3	6	3	15	4

^a Data are for distillate oil fired boilers, SCC codes 1-01-005-01, 1-02-005-01, and 1-03-005-01. References 29-32, 40-44 and 83. To convert from lb/10¹² Btu to pg/J, multiply by 0.43.

Table 1.3-11. EMISSION FACTORS FOR METALS FROM UNCONTROLLED NO. 6
FUEL OIL COMBUSTION^a

Metal	Average Emission Factor ^{b, d} (lb/10 ³ Gal)	EMISSION FACTOR RATING
Antimony	5.25E-03 ^c	E
Arsenic	1.32E-03	C
Barium	2.57E-03	D
Beryllium	2.78E-05	C
Cadmium	3.98E-04	C
Chloride	3.47E-01	D
Chromium	8.45E-04	C
Chromium VI	2.48E-04	C
Cobalt	6.02E-03	D
Copper	1.76E-03	C
Fluoride	3.73E-02	D
Lead	1.51E-03	C
Manganese	3.00E-03	C
Mercury	1.13E-04	C
Molybdenum	7.87E-04	D
Nickel	8.45E-02	C
Phosphorous	9.46E-03	D
Selenium	6.83E-04	C
Vanadium	3.18E-02	D
Zinc	2.91E-02	D

^a Data are for residual oil fired boilers, Source Classification Codes (SCCs) 1-01-004-01/04.

^b References 64-72. 18 of 19 sources were uncontrolled and 1 source was controlled with low efficiency ESP. To convert from lb/10³ gal to kg/10³ L, multiply by 0.12.

^c References 29-32,40-44.

^d For oil/water mixture, reduce factors in proportion to water content of the fuel (due to dilution). To adjust the listed values for water content, multiply the listed value by 1-decimal fraction of water (ex: For fuel with 9 percent water by volume, multiply by 1-0.9=.91).

Table 3.3-1. EMISSION FACTORS FOR UNCONTROLLED GASOLINE AND DIESEL INDUSTRIAL ENGINES^a

Pollutant	Gasoline Fuel (SCC 2-02-003-01, 2-03-003-01)		Diesel Fuel (SCC 2-02-001-02, 2-03-001-01)		EMISSION FACTOR RATING
	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	
NO _x	0.011	1.63	0.031	4.41	D
CO	0.439	62.7	6.68 E-03	0.95	D
SO _x	5.91 E-04	0.084	2.05 E-03	0.29	D
PM-10 ^b	7.21 E-04	0.10	2.20 E-03	0.31	D
CO ₂ ^c	1.08	154	1.15	164	B
Aldehydes	4.85 E-04	0.07	4.63 E-04	0.07	D
TOC					
Exhaust	0.015	2.10	2.47 E-03	0.35	D
Evaporative	6.61 E-04	0.09	0.00	0.00	E
Crankcase	4.85 E-03	0.69	4.41 E-05	0.01	E
Refueling	1.08 E-03	0.15	0.00	0.00	E

^a References 2,5-6,9-14. When necessary, an average brake-specific fuel consumption (BSFC) of 7,000 Btu/hp-hr was used to convert from lb/MMBtu to lb/hp-hr. To convert from lb/hp-hr to kg/kw-hr, multiply by 0.608. To convert from lb/MMBtu to ng/J, multiply by 430. SCC = Source Classification Code. TOC = total organic compounds.

^b PM-10 = particulate matter less than or equal to 10 µm aerodynamic diameter. All particulate is assumed to be ≤ 1 µm in size.

^c Assumes 99% conversion of carbon in fuel to CO₂ with 87 weight % carbon in diesel, 86 weight % carbon in gasoline, average BSFC of 7,000 Btu/hp-hr, diesel heating value of 19,300 Btu/lb, and gasoline heating value of 20,300 Btu/lb.



11.19.2 Crushed Stone Processing and Pulverized Mineral Processing

11.19.2.1 Process Description^{24, 25}

Crushed Stone Processing

Major rock types processed by the crushed stone industry include limestone, granite, dolomite, traprock, sandstone, quartz, and quartzite. Minor types include calcareous marl, marble, shell, and slate. Major mineral types processed by the pulverized minerals industry, a subset of the crushed stone processing industry, include calcium carbonate, talc, and barite. Industry classifications vary considerably and, in many cases, do not reflect actual geological definitions.

Rock and crushed stone products generally are loosened by drilling and blasting and then are loaded by power shovel or front-end loader into large haul trucks that transport the material to the processing operations. Techniques used for extraction vary with the nature and location of the deposit. Processing operations may include crushing, screening, size classification, material handling and storage operations. All of these processes can be significant sources of PM and PM-10 emissions if uncontrolled.

Quarried stone normally is delivered to the processing plant by truck and is dumped into a bin. A feeder is used as illustrated in Figure 11.19.2-1. The feeder or screens separate large boulders from finer rocks that do not require primary crushing, thus reducing the load to the primary crusher. Jaw, impactor, or gyratory crushers are usually used for initial reduction. The crusher product, normally 7.5 to 30 centimeters (3 to 12 inches) in diameter, and the grizzly throughs (undersize material) are discharged onto a belt conveyor and usually are conveyed to a surge pile for temporary storage or are sold as coarse aggregates.

The stone from the surge pile is conveyed to a vibrating inclined screen called the scalping screen. This unit separates oversized rock from the smaller stone. The undersized material from the scalping screen is considered to be a product stream and is transported to a storage pile and sold as base material. The stone that is too large to pass through the top deck of the scalping screen is processed in the secondary crusher. Cone crushers are commonly used for secondary crushing (although impact crushers are sometimes used), which typically reduces material to about 2.5 to 10 centimeters (1 to 4 inches). The material (throughs) from the second level of the screen bypasses the secondary crusher because it is sufficiently small for the last crushing step. The output from the secondary crusher and the throughs from the secondary screen are transported by conveyor to the tertiary circuit, which includes a sizing screen and a tertiary crusher.

Tertiary crushing is usually performed using cone crushers or other types of impactor crushers. Oversize material from the top deck of the sizing screen is fed to the tertiary crusher. The tertiary crusher output, which is typically about 0.50 to 2.5 centimeters (3/16th to 1 inch), is returned to the sizing screen. Various product streams with different size gradations are separated in the screening operation. The products are conveyed or trucked directly to finished product bins, to open area stock piles, or to other processing systems such as washing, air separators, and screens and classifiers (for the production of manufactured sand).

Some stone crushing plants produce manufactured sand. This is a small-sized rock product with a maximum size of 0.50 centimeters (3/16 th inch). Crushed stone from the tertiary sizing screen is sized in a vibrating inclined screen (fines screen) with relatively small mesh sizes.

Oversized material is processed in a cone crusher or a hammermill (fines crusher) adjusted to produce small diameter material. The output is returned to the fines screen for resizing.

In certain cases, stone washing is required to meet particulate end product specifications or demands.

Pulverized Mineral Processing

Pulverized minerals are produced at specialized processing plants. These plants supply mineral products ranging from sizes of approximately 1 micrometer to more than 75 micrometers aerodynamic diameter. Pharmaceutical, paint, plastics, pigment, rubber, and chemical industries use these products. Due to the specialized characteristics of the mineral products and the markets for these products, pulverized mineral processing plants have production rates that are less than 5% of the production capacities of conventional crushed stone plants. Two alternative processing systems for pulverized minerals are summarized in Figure 11-19.2-2.

In dry processing systems, the mineral aggregate material from conventional crushing and screening operations is subject to coarse and fine grinding primarily in roller mills and/or ball mills to reduce the material to the necessary product size range. A classifier is used to size the ground material and return oversized material that can be pulverized using either wet or dry processes. The classifier can either be associated with the grinding operation, or it can be a stand-alone process unit. Fabric filters control particulate matter emissions from the grinding operation and the classifier. The products are stored in silos and are shipped by truck or in bags.

In wet processing systems, the mineral aggregate material is processed in wet mode coarse and fine grinding operations. Beneficiation processes use flotation to separate mineral impurities. Finely ground material is concentrated and flash dried. Fabric filters are used to control particulate matter emissions from the flash dryer. The product is then stored in silos, bagged, and shipped.

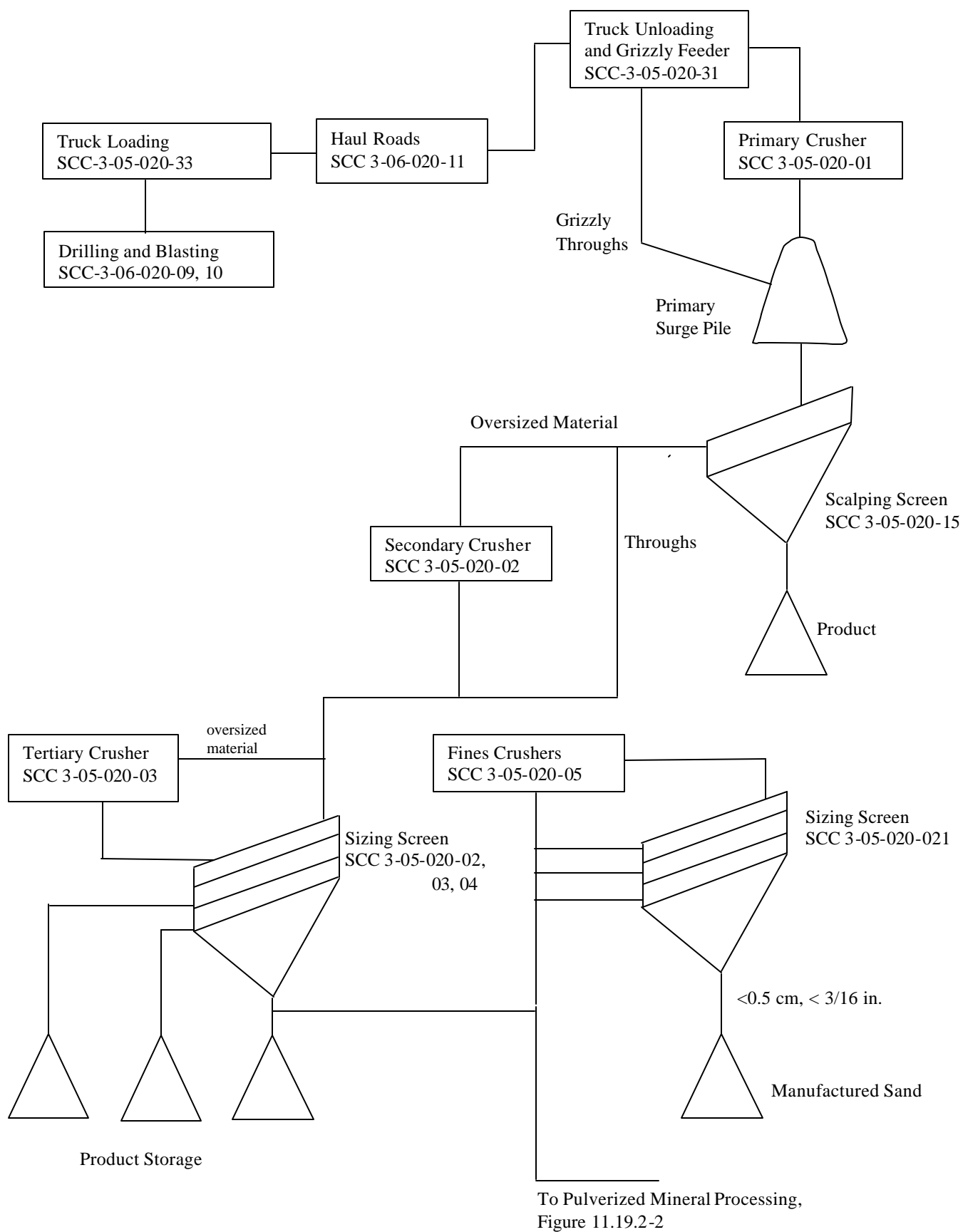


Figure 11.19.2-1. Typical stone processing plant

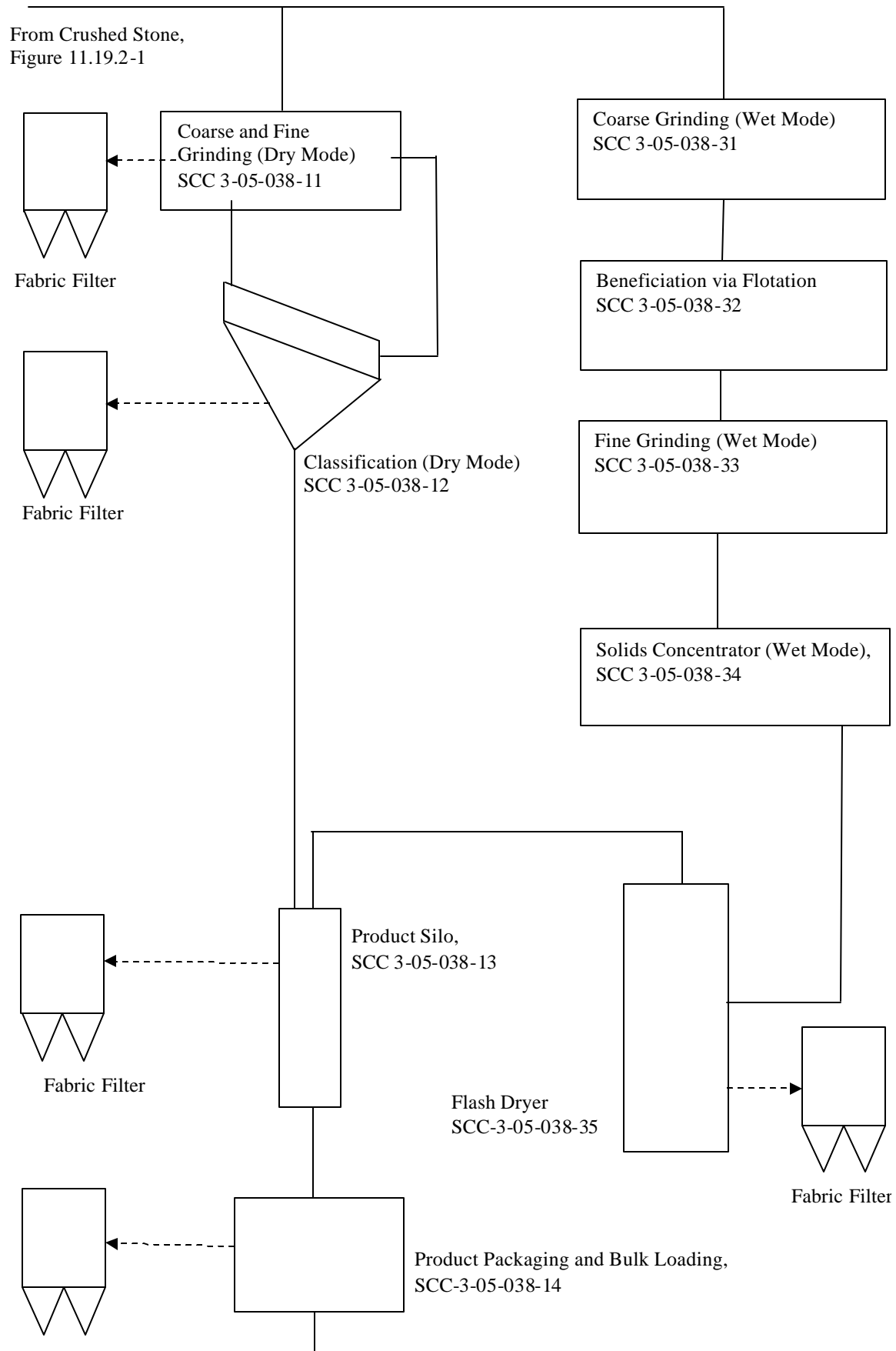


Figure 11.19.2-2 Flowchart for Pulverized Mineral Processing

Crushed Stone Processing

Emissions of PM, PM-10, and PM-2.5 occur from a number of operations in stone quarrying and processing. A substantial portion of these emissions consists of heavy particles that may settle out within the plant. As in other operations, crushed stone emission sources may be categorized as either process sources or fugitive dust sources. Process sources include those for which emissions are amenable to capture and subsequent control. Fugitive dust sources generally involve the reentrainment of settled dust by wind or machine movement. Emissions from process sources should be considered fugitive unless the sources are vented to a baghouse or are contained in an enclosure with a forced-air vent or stack. Factors affecting emissions from either source category include the stone size distribution and the surface moisture content of the stone processed, the process throughput rate, the type of equipment and operating practices used, and topographical and climatic factors.

Of graphical and seasonal factors, the primary variables affecting uncontrolled PM emissions are wind and material moisture content. Wind parameters vary with geographical location, season, and weather. It can be expected that the level of emissions from unenclosed sources (principally fugitive dust sources) will be greater during periods of high winds. The material moisture content also varies with geographical location, season, and weather. Therefore, the levels of uncontrolled emissions from both process emission sources and fugitive dust sources generally will be greater in arid regions of the country than in temperate ones and greater during the summer months because of a higher evaporation rate.

The moisture content of the material processed can have a substantial effect on emissions. This effect is evident throughout the processing operations. Surface wetness causes fine particles to agglomerate on or to adhere to the faces of larger stones, with a resulting dust suppression effect. However, as new fine particles are created by crushing and attrition and as the moisture content is reduced by evaporation, this suppressive effect diminishes and may disappear. Plants that use wet suppression systems (spray nozzles) to maintain relatively high material moisture contents can effectively control PM emissions throughout the process. Depending on the geographical and climatic conditions, the moisture content of mined rock can range from nearly zero to several percent. Because moisture content is usually expressed on a basis of overall weight percent, the actual moisture amount per unit area will vary with the size of the rock being handled. On a constant mass-fraction basis, the per-unit area moisture content varies inversely with the diameter of the rock. The suppressive effect of the moisture depends on both the absolute mass water content and the size of the rock product. Typically, wet material contains >1.5 percent water.

A variety of material, equipment, and operating factors can influence emissions from crushing. These factors include (1) stone type, (2) feed size and distribution, (3) moisture content, (4) throughput rate, (5) crusher type, (6) size reduction ratio, and (7) fines content. Insufficient data are available to present a matrix of rock crushing emission factors detailing the above classifications and variables. Available data indicate that PM-10 and PM-2.5 emissions from limestone and granite processing operations are similar. Therefore, the emission factors developed from the emissions data gathered at limestone and granite processing facilities are considered to be representative of typical crushed stone processing operations. Emission factors for filterable PM, PM-10, and PM-2.5 emissions from crushed stone processing operations are presented in Tables 11.19.2-1 (Metric units) and 11.19.2-2 (English units.)

Table 11.19.2-1 (Metric Units). EMISSION FACTORS FOR CRUSHED STONE PROCESSING OPERATIONS (kg/Mg)^a

Source ^b	Total Particulate Matter ^{r,s}	EMISSION FACTOR RATING	Total PM-10	EMISSION FACTOR RATING	Total PM-2.5	EMISSION FACTOR RATING
Primary Crushing (SCC 3-05-020-01)	ND		ND ⁿ		ND ⁿ	
Primary Crushing (controlled) (SCC 3-05-020-01)	ND		ND ⁿ		ND ⁿ	
Secondary Crushing (SCC 3-05-020-02)	ND		ND ⁿ		ND ⁿ	
Secondary Crushing (controlled) (SCC 3-05-020-02)	ND		ND ⁿ		ND ⁿ	
Tertiary Crushing (SCC 3-050030-03)	0.0027 ^d	E	0.0012 ^o	C	ND ⁿ	
Tertiary Crushing (controlled) (SCC 3-05-020-03)	0.0006 ^d	E	0.00027 ^p	C	0.00005 ^q	E
Fines Crushing (SCC 3-05-020-05)	0.0195 ^e	E	0.0075 ^e	E	ND	
Fines Crushing (controlled) (SCC 3-05-020-05)	0.0015 ^f	E	0.0006 ^f	E	0.000035 ^q	E
Screening (SCC 3-05-020-02, 03)	0.0125 ^c	E	0.0043 ^l	C	ND	
Screening (controlled) (SCC 3-05-020-02, 03)	0.0011 ^d	E	0.00037 ^m	C	0.000025 ^q	E
Fines Screening (SCC 3-05-020-21)	0.15 ^g	E	0.036 ^g	E	ND	
Fines Screening (controlled) (SCC 3-05-020-21)	0.0018 ^g	E	0.0011 ^g	E	ND	
Conveyor Transfer Point (SCC 3-05-020-06)	0.0015 ^h	E	0.00055 ^h	D	ND	
Conveyor Transfer Point (controlled) (SCC 3-05-020-06)	0.00007 ⁱ	E	2.3 x 10 ⁻⁵ⁱ	D	6.5 x 10 ^{-6q}	E
Wet Drilling - Unfragmented Stone (SCC 3-05-020-10)	ND		4.0 x 10 ^{-5j}	E	ND	
Truck Unloading - Fragmented Stone (SCC 3-05-020-31)	ND		8.0 x 10 ^{-6j}	E	ND	
Truck Unloading - Conveyor, crushed stone (SCC 3-05-020-32)	ND		5.0 x 10 ^{-5k}	E	ND	

a. Emission factors represent uncontrolled emissions unless noted. Emission factors in kg/Mg of material throughput. SCC = Source Classification Code. ND = No data.

b. Controlled sources (with wet suppression) are those that are part of the processing plant that employs current wet suppression technology similar to the study group. The moisture content of the study group without wet suppression systems operating (uncontrolled) ranged from 0.21 to 1.3 percent, and the same facilities operating wet suppression systems (controlled) ranged from 0.55 to 2.88 percent. Due to carry over of the small amount of moisture required, it has been shown that each source, with the exception of crushers, does not need to employ direct water sprays. Although the moisture content was the only variable measured, other process features may have as much influence on emissions from a given source. Visual observations from each source under normal operating conditions are probably the best indicator of which emission factor is most appropriate. Plants that employ substandard control measures as indicated by visual observations should use the uncontrolled factor with appropriate control efficiency that best reflects the effectiveness of the controls employed.

c. References 1, 3, 7, and 8

- d. References 3, 7, and 8
- e. Reference 4
- f. References 4 and 15
- g. Reference 4
- h. References 5 and 6
- i. References 5, 6, and 15
- j. Reference 11
- k. Reference 12
- l. References 1, 3, 7, and 8
- m. References 1, 3, 7, 8, and 15
- n. No data available, but emission factors for PM-10 for tertiary crushers can be used as an upper limit for primary or secondary crushing
- o. References 2, 3, 7, 8
- p. References 2, 3, 7, 8, and 15
- q. Reference 15
- r. PM emission factors are presented based on PM-100 data in the Background Support Document for Section 11.19.2
- s. Emission factors for PM-30 and PM-50 are available in Figures 11.19.2-3 through 11.19.2-6.

Table 11.19.2-2 (English Units). EMISSION FACTORS FOR CRUSHED STONE PROCESSING OPERATIONS (lb/Ton)^a

Source ^b	Total Particulate Matter ^{r,s}	EMISSION FACTOR RATING	Total PM-10	EMISSION FACTOR RATING	Total PM-2.5	EMISSION FACTOR RATING
Primary Crushing (SCC 3-05-020-01)	ND		ND ⁿ		ND ⁿ	
Primary Crushing (controlled) (SCC 3-05-020-01)	ND		ND ⁿ		ND ⁿ	
Secondary Crushing (SCC 3-05-020-02)	ND		ND ⁿ		ND ⁿ	
Secondary Crushing (controlled) (SCC 3-05-020-02)	ND		ND ⁿ		ND ⁿ	
Tertiary Crushing (SCC 3-050030-03)	0.0054 ^d	E	0.0024 ^o	C	ND ⁿ	
Tertiary Crushing (controlled) (SCC 3-05-020-03)	0.0012 ^d	E	0.00054 ^p	C	0.00010 ^q	E
Fines Crushing (SCC 3-05-020-05)	0.0390 ^e	E	0.0150 ^e	E	ND	
Fines Crushing (controlled) (SCC 3-05-020-05)	0.0030 ^f	E	0.0012 ^f	E	0.000070 ^q	E
Screening (SCC 3-05-020-02, 03)	0.025 ^c	E	0.0087 ^j	C	ND	
Screening (controlled) (SCC 3-05-020-02, 03)	0.0022 ^d	E	0.00074 ^m	C	0.000050 ^q	E
Fines Screening (SCC 3-05-020-21)	0.30 ^g	E	0.072 ^g	E	ND	
Fines Screening (controlled) (SCC 3-05-020-21)	0.0036 ^g	E	0.0022 ^g	E	ND	
Conveyor Transfer Point (SCC 3-05-020-06)	0.0030 ^h	E	0.00110 ^h	D	ND	
Conveyor Transfer Point (controlled) (SCC 3-05-020-06)	0.00014 ⁱ	E	4.6 x 10 ^{-5j}	D	1.3 x 10 ^{-5q}	E
Wet Drilling - Unfragmented Stone (SCC 3-05-020-10)	ND		8.0 x 10 ^{-5j}	E	ND	
Truck Unloading - Fragmented Stone (SCC 3-05-020-31)	ND		1.6 x 10 ^{-5j}	E	ND	
Truck Unloading - Conveyor, crushed stone (SCC 3-05-020-32)	ND		0.00010 ^k	E	ND	

a. Emission factors represent uncontrolled emissions unless noted. Emission factors in lb/Ton of material of throughput. SCC = Source Classification Code. ND = No data.

b. Controlled sources (with wet suppression) are those that are part of the processing plant that employs current wet suppression technology similar to the study group. The moisture content of the study group without wet suppression systems operating (uncontrolled) ranged from 0.21 to 1.3 percent, and the same facilities operating wet suppression systems (controlled) ranged from 0.55 to 2.88 percent. Due to carry over of the small amount of moisture required, it has been shown that each source, with the exception of crushers, does not need to employ direct water sprays. Although the moisture content was the only variable measured, other process features may have as much influence on emissions from a given source. Visual observations from each source under normal operating conditions are probably the best indicator of which emission factor is most appropriate. Plants that employ substandard control measures as indicated by visual observations should use the uncontrolled factor with an appropriate control efficiency that best reflects the effectiveness of the controls employed.

c. References 1, 3, 7, and 8

d. References 3, 7, and 8

- e. Reference 4
- f. References 4 and 15
- g. Reference 4
- h. References 5 and 6
- i. References 5, 6, and 15
- j. Reference 11
- k. Reference 12
- l. References 1, 3, 7, and 8
- m. References 1, 3, 7, 8, and 15
- n. No data available, but emission factors for PM-10 for tertiary crushers can be used as an upper limit for primary or secondary crushing
- o. References 2, 3, 7, 8
- p. References 2, 3, 7, 8, and 15
- q. Reference 15
- r. PM emission factors are presented based on PM-100 data in the Background Support Document for Section 11.19.2
- s. Emission factors for PM-30 and PM-50 are available in Figures 11.19.2-3 through 11.19.2-6.

Emission factor estimates for stone quarry blasting operations are not presented because of the sparsity and unreliability of available tests. While a procedure for estimating blasting emissions is presented in Section 11.9, Western Surface Coal Mining, that procedure should not be applied to stone quarries because of dissimilarities in blasting techniques, material blasted, and size of blast areas. Emission factors for fugitive dust sources, including paved and unpaved roads, materials handling and transfer, and wind erosion of storage piles, can be determined using the predictive emission factor equations presented in AP-42 Section 13.2.

The data used in the preparation of the controlled PM calculations was derived from the individual A-rated tests for PM-2.5 and PM-10 summarized in the Background Support Document. For conveyor transfer points, the controlled PM value was derived from A-rated PM-2.5, PM-10, and PM data summarized in the Background Support Document.

The extrapolation line was drawn through the PM-2.5 value and the mean of the PM-10 values. PM emission factors were calculated for PM-30, PM-50, and PM-100. Each of these particle size limits is used by one or more regulatory agencies as the definition of total particulate matter. The graphical extrapolations used in calculating the emission factors are presented in Figures 11.19.2-3, -4, -5, and -6.

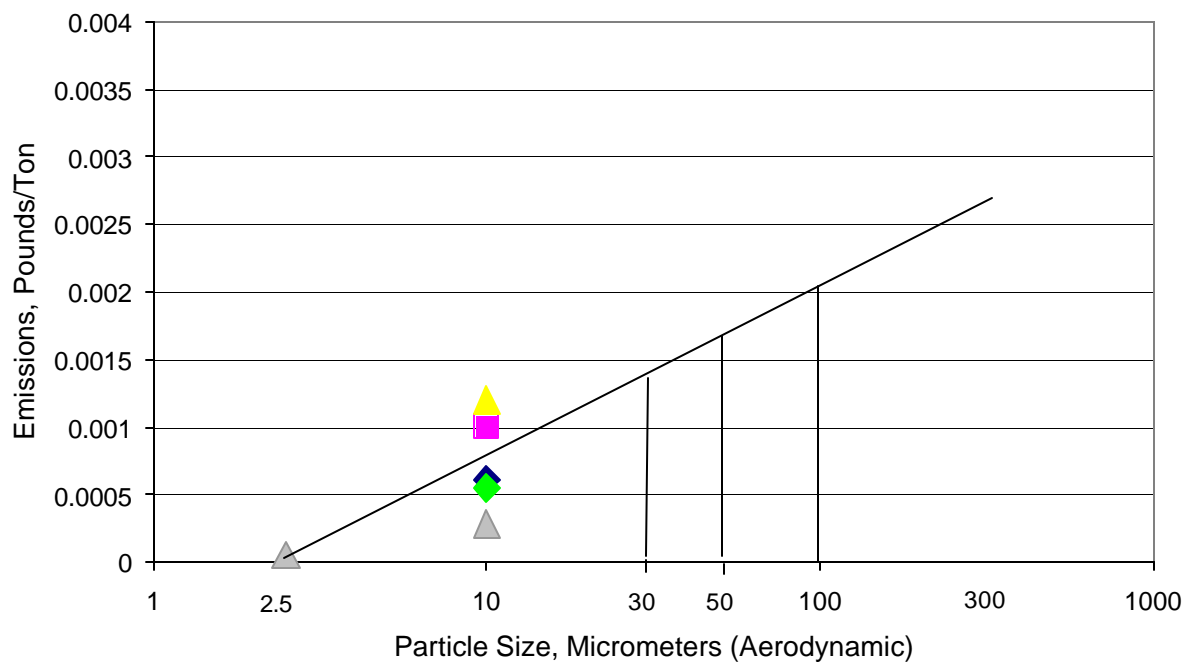


Figure 11-19-3. PM Emission Factor Calculation, Screening (Controlled)

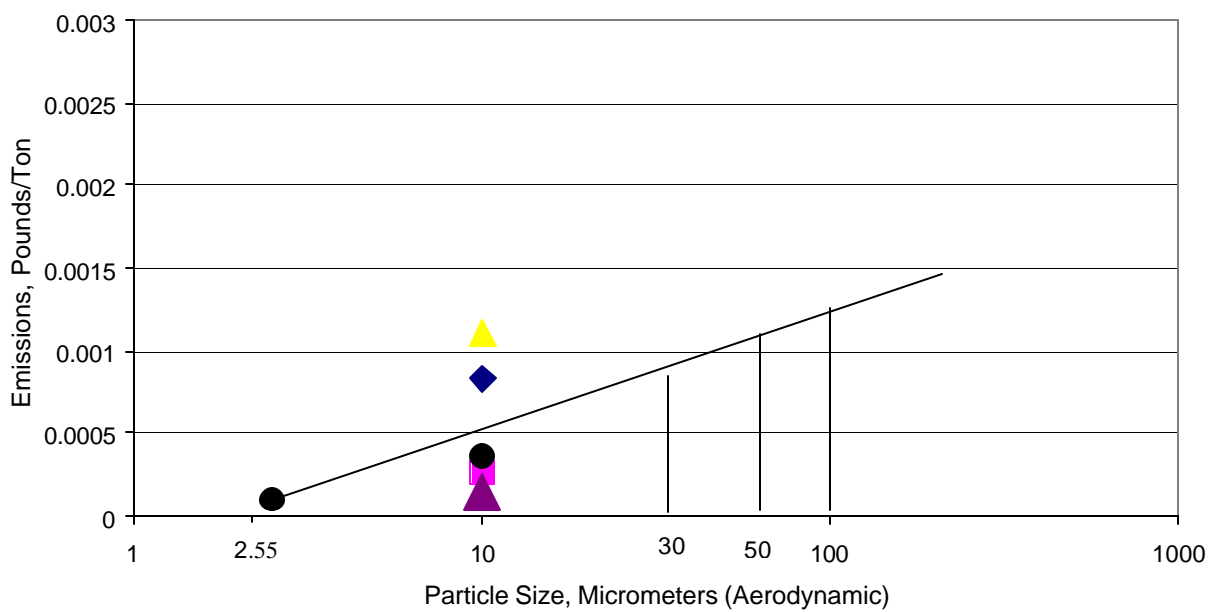


Figure 11.19-4. PM Emission Factor Calculation, Tertiary Crushing (Controlled)

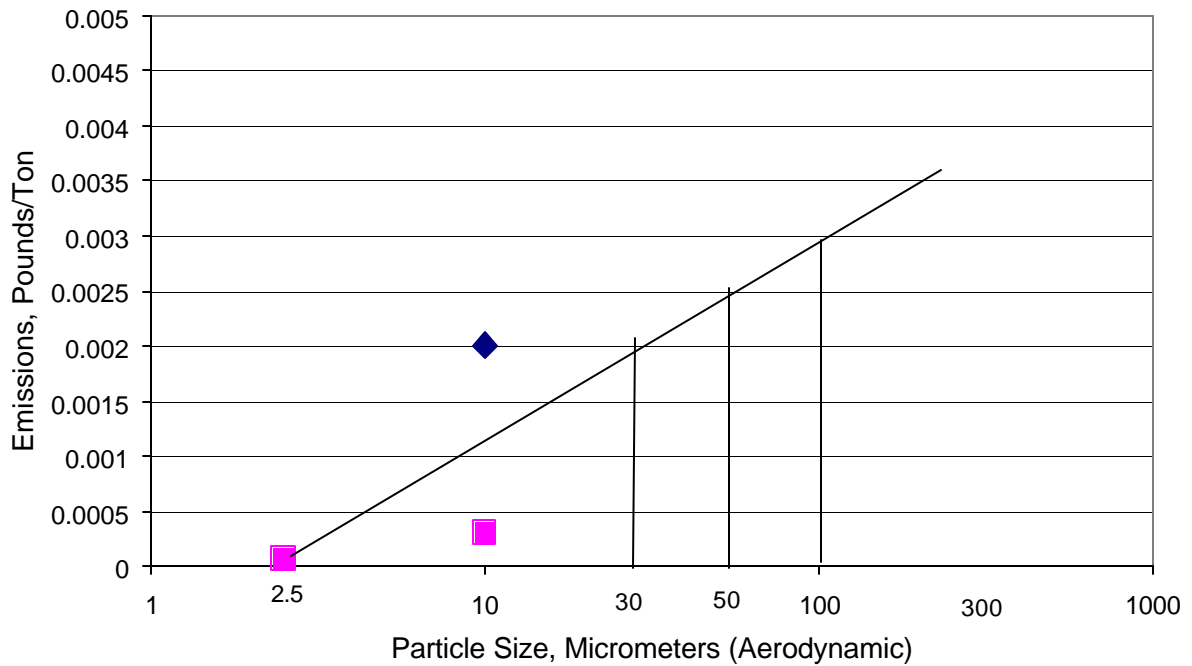


Figure 11-19.5. PM Emission Factor Calculation, Fines Crushing (Controlled)

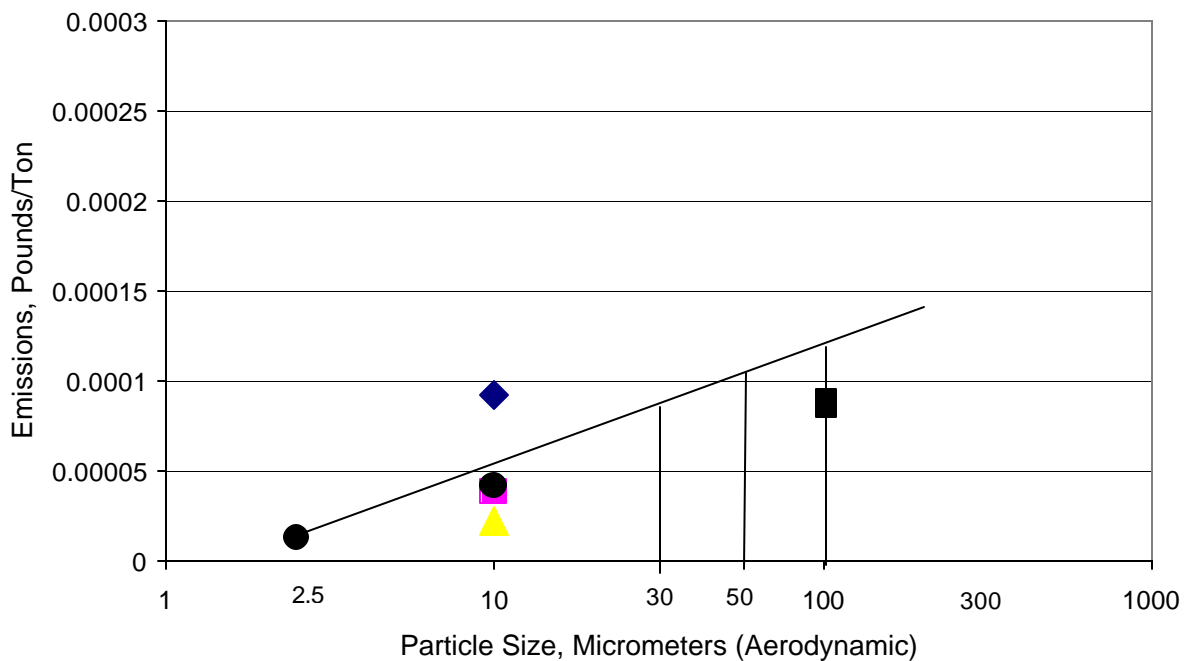


Figure 11.19-6. PM Emission Factor Calculation, Conveyor Transfer Points (Controlled)

The uncontrolled PM emission factors have been calculated from the controlled PM emission factors calculated in accordance with Figures 11.19.2-3 through 11.19.2-6. The PM-10 control efficiencies have been applied to the PM controlled emission factor data to calculate the uncontrolled PM emission rates.

Screening PM-10

Controlled = 0.00073 Lbs./Ton.

Uncontrolled = 0.00865 Lbs./Ton.

Efficiency = 91.6%

Tertiary Crushing PM-10

Controlled = 0.00054

Uncontrolled = 0.00243

Efficiency = 77.7%

Fines Crushing PM-10:

Controlled = 0.0012

Uncontrolled = 0.015

Efficiency = 92.0%

Conveyor Transfer Points PM-10

Controlled = 0.000045

Uncontrolled = 0.0011

Efficiency = 95.9%

The uncontrolled total particulate matter emission factor was calculated from the controlled total particulate matter using Equation 1:

$$\text{Uncontrolled emission factor} = \frac{\text{Controlled total particulate emission factor}}{(100\% - \text{PM-10 Efficiency \%})/100\%}$$

Equation 1

The Total PM emission factors calculated using Figures 11.19.2-3 through 11.19.2-6 were developed because (1) there are more A-rated test data supporting the calculated values and (2) the extrapolated values provide the flexibility for agencies and source operators to select the most appropriate definition for Total PM. All of the Total PM emission factors have been rated as E due to the limited test data and the need to estimate emission factors using extrapolations of the PM-2.5 and PM-10 data.

13.2.2 Unpaved Roads

13.2.2.1 General

When a vehicle travels an unpaved road, the force of the wheels on the road surface causes pulverization of surface material. Particles are lifted and dropped from the rolling wheels, and the road surface is exposed to strong air currents in turbulent shear with the surface. The turbulent wake behind the vehicle continues to act on the road surface after the vehicle has passed.

The particulate emission factors presented in the previous draft version of this section of AP-42, dated October 2001, implicitly included the emissions from vehicles in the form of exhaust, brake wear, and tire wear as well as resuspended road surface material²⁵. EPA included these sources in the emission factor equation for unpaved public roads (equation 1b in this section) since the field testing data used to develop the equation included both the direct emissions from vehicles and emissions from resuspension of road dust.

This version of the unpaved public road emission factor equation only estimates particulate emissions from resuspended road surface material^{23, 26}. The particulate emissions from vehicle exhaust, brake wear, and tire wear are now estimated separately using EPA's MOBILE6.2²⁴. This approach eliminates the possibility of double counting emissions. Double counting results when employing the previous version of the emission factor equation in this section and MOBILE6.2 to estimate particulate emissions from vehicle traffic on unpaved public roads. It also incorporates the decrease in exhaust emissions that has occurred since the unpaved public road emission factor equation was developed. The previous version of the unpaved public road emission factor equation includes estimates of emissions from exhaust, brake wear, and tire wear based on emission rates for vehicles in the 1980 calendar year fleet. The amount of PM released from vehicle exhaust has decreased since 1980 due to lower new vehicle emission standards and changes in fuel characteristics.

13.2.2.2 Emissions Calculation And Correction Parameters¹⁻⁶

The quantity of dust emissions from a given segment of unpaved road varies linearly with the volume of traffic. Field investigations also have shown that emissions depend on source parameters that characterize the condition of a particular road and the associated vehicle traffic. Characterization of these source parameters allow for "correction" of emission estimates to specific road and traffic conditions present on public and industrial roadways.

Dust emissions from unpaved roads have been found to vary directly with the fraction of silt (particles smaller than 75 micrometers [μm] in diameter) in the road surface materials.¹ The silt fraction is determined by measuring the proportion of loose dry surface dust that passes a 200-mesh screen, using the ASTM-C-136 method. A summary of this method is contained in Appendix C of AP-42. Table 13.2.2-1 summarizes measured silt values for industrial unpaved roads. Table 13.2.2-2 summarizes measured silt values for public unpaved roads. It should be noted that the ranges of silt content vary over two orders of magnitude. Therefore, the use of data from this table can potentially introduce considerable error. Use of this data is strongly discouraged when it is feasible to obtain locally gathered data.

Since the silt content of a rural dirt road will vary with geographic location, it should be measured for use in projecting emissions. As a conservative approximation, the silt content of the parent soil in the area can be used. Tests, however, show that road silt content is normally lower than in the surrounding parent soil, because the fines are continually removed by the vehicle traffic, leaving a higher percentage of coarse particles.

Other variables are important in addition to the silt content of the road surface material. For example, at industrial sites, where haul trucks and other heavy equipment are common, emissions are highly correlated with vehicle weight. On the other hand, there is far less variability in the weights of cars and pickup trucks that commonly travel publicly accessible unpaved roads throughout the United States. For those roads, the moisture content of the road surface material may be more dominant in determining differences in emission levels between, for example a hot, desert environment and a cool, moist location.

The PM-10 and TSP emission factors presented below are the outcomes from stepwise linear regressions of field emission test results of vehicles traveling over unpaved surfaces. Due to a limited amount of information available for PM-2.5, the expression for that particle size range has been scaled against the result for PM-10. Consequently, the quality rating for the PM-2.5 factor is lower than that for the PM-10 expression.

Table 13.2.2-1. TYPICAL SILT CONTENT VALUES OF SURFACE MATERIAL
ON INDUSTRIAL UNPAVED ROADS^a

Industry	Road Use Or Surface Material	Plant Sites	No. Of Samples	Silt Content (%)	
				Range	Mean
Copper smelting	Plant road	1	3	16 - 19	17
Iron and steel production	Plant road	19	135	0.2 - 19	6.0
Sand and gravel processing	Plant road	1	3	4.1 - 6.0	4.8
	Material storage area	1	1	-	7.1
Stone quarrying and processing	Plant road	2	10	2.4 - 16	10
	Haul road to/from pit	4	20	5.0-15	8.3
Taconite mining and processing	Service road	1	8	2.4 - 7.1	4.3
	Haul road to/from pit	1	12	3.9 - 9.7	5.8
Western surface coal mining	Haul road to/from pit	3	21	2.8 - 18	8.4
	Plant road	2	2	4.9 - 5.3	5.1
	Scraper route	3	10	7.2 - 25	17
	Haul road (freshly graded)	2	5	18 - 29	24
Construction sites	Scraper routes	7	20	0.56-23	8.5
Lumber sawmills	Log yards	2	2	4.8-12	8.4
Municipal solid waste landfills	Disposal routes	4	20	2.2 - 21	6.4

^aReferences 1,5-15.

The following empirical expressions may be used to estimate the quantity in pounds (lb) of size-specific particulate emissions from an unpaved road, per vehicle mile traveled (VMT):

For vehicles traveling on unpaved surfaces at industrial sites, emissions are estimated from the following equation:

$$E = k (s/12)^a (W/3)^b \quad (1a)$$

and, for vehicles traveling on publicly accessible roads, dominated by light duty vehicles, emissions may be estimated from the following:

$$E = \frac{k (s/12)^a (S/30)^d}{(M/0.5)^c} - C \quad (1b)$$

where k , a , b , c and d are empirical constants (Reference 6) given below and

E = size-specific emission factor (lb/VMT)

s = surface material silt content (%)

W = mean vehicle weight (tons)

M = surface material moisture content (%)

S = mean vehicle speed (mph)

C = emission factor for 1980's vehicle fleet exhaust, brake wear and tire wear.

The source characteristics s , W and M are referred to as correction parameters for adjusting the emission estimates to local conditions. The metric conversion from lb/VMT to grams (g) per vehicle kilometer traveled (VKT) is as follows:

$$1 \text{ lb/VMT} = 281.9 \text{ g/VKT}$$

The constants for Equations 1a and 1b based on the stated aerodynamic particle sizes are shown in Tables 13.2.2-2 and 13.2.2-4. The PM-2.5 particle size multipliers (k -factors) are taken from Reference 27.

Table 13.2.2-2. CONSTANTS FOR EQUATIONS 1a AND 1b

Constant	Industrial Roads (Equation 1a)			Public Roads (Equation 1b)		
	PM-2.5	PM-10	PM-30*	PM-2.5	PM-10	PM-30*
k (lb/VMT)	0.15	1.5	4.9	0.18	1.8	6.0
a	0.9	0.9	0.7	1	1	1
b	0.45	0.45	0.45	-	-	-
c	-	-	-	0.2	0.2	0.3
d	-	-	-	0.5	0.5	0.3
Quality Rating	B	B	B	B	B	B

*Assumed equivalent to total suspended particulate matter (TSP)

“-“ = not used in the emission factor equation

Table 13.2.2-2 also contains the quality ratings for the various size-specific versions of Equation 1a and 1b. The equation retains the assigned quality rating, if applied within the ranges of source conditions, shown in Table 13.2.2-3, that were tested in developing the equation:

Table 13.2.2-3. RANGE OF SOURCE CONDITIONS USED IN DEVELOPING EQUATION 1a AND 1b

Emission Factor	Surface Silt Content, %	Mean Vehicle Weight		Mean Vehicle Speed		Mean No. of Wheels	Surface Moisture Content, %
		Mg	ton	km/hr	mph		
Industrial Roads (Equation 1a)	1.8-25.2	1.8-260	2-290	8-69	5-43	4-17 ^a	0.03-13
Public Roads (Equation 1b)	1.8-35	1.4-2.7	1.5-3	16-88	10-55	4-4.8	0.03-13

^a See discussion in text.

As noted earlier, the models presented as Equations 1a and 1b were developed from tests of traffic on unpaved surfaces. Unpaved roads have a hard, generally nonporous surface that usually dries quickly after a rainfall or watering, because of traffic-enhanced natural evaporation. (Factors influencing how fast a road dries are discussed in Section 13.2.2.3, below.) The quality ratings given above pertain to the mid-range of the measured source conditions for the equation. A higher mean vehicle weight and a higher than normal traffic rate may be justified when performing a worst-case analysis of emissions from unpaved roads.

The emission factors for the exhaust, brake wear and tire wear of a 1980's vehicle fleet (C) was obtained from EPA's MOBILE6.2 model ²³. The emission factor also varies with aerodynamic size range

13.2.4 Aggregate Handling And Storage Piles

13.2.4.1 General

Inherent in operations that use minerals in aggregate form is the maintenance of outdoor storage piles. Storage piles are usually left uncovered, partially because of the need for frequent material transfer into or out of storage.

Dust emissions occur at several points in the storage cycle, such as material loading onto the pile, disturbances by strong wind currents, and loadout from the pile. The movement of trucks and loading equipment in the storage pile area is also a substantial source of dust.

13.2.4.2 Emissions And Correction Parameters

The quantity of dust emissions from aggregate storage operations varies with the volume of aggregate passing through the storage cycle. Emissions also depend on 3 parameters of the condition of a particular storage pile: age of the pile, moisture content, and proportion of aggregate fines.

When freshly processed aggregate is loaded onto a storage pile, the potential for dust emissions is at a maximum. Fines are easily disaggregated and released to the atmosphere upon exposure to air currents, either from aggregate transfer itself or from high winds. As the aggregate pile weathers, however, potential for dust emissions is greatly reduced. Moisture causes aggregation and cementation of fines to the surfaces of larger particles. Any significant rainfall soaks the interior of the pile, and then the drying process is very slow.

Silt (particles equal to or less than 75 micrometers [μm] in diameter) content is determined by measuring the portion of dry aggregate material that passes through a 200-mesh screen, using ASTM-C-136 method.¹ Table 13.2.4-1 summarizes measured silt and moisture values for industrial aggregate materials.

Table 13.2.4-1. TYPICAL SILT AND MOISTURE CONTENTS OF MATERIALS AT VARIOUS INDUSTRIES^a

Industry	No. Of Facilities	Material	Silt Content (%)			Moisture Content (%)		
			No. Of Samples	Range	Mean	No. Of Samples	Range	Mean
Iron and steel production	9	Pellet ore	13	1.3 - 13	4.3	11	0.64 - 4.0	2.2
		Lump ore	9	2.8 - 19	9.5	6	1.6 - 8.0	5.4
		Coal	12	2.0 - 7.7	4.6	11	2.8 - 11	4.8
		Slag	3	3.0 - 7.3	5.3	3	0.25 - 2.0	0.92
		Flue dust	3	2.7 - 23	13	1	—	7
		Coke breeze	2	4.4 - 5.4	4.9	2	6.4 - 9.2	7.8
		Blended ore	1	—	15	1	—	6.6
		Sinter	1	—	0.7	0	—	—
		Limestone	3	0.4 - 2.3	1.0	2	ND	0.2
Stone quarrying and processing	2	Crushed limestone	2	1.3 - 1.9	1.6	2	0.3 - 1.1	0.7
		Various limestone products	8	0.8 - 14	3.9	8	0.46 - 5.0	2.1
Taconite mining and processing	1	Pellets	9	2.2 - 5.4	3.4	7	0.05 - 2.0	0.9
		Tailings	2	ND	11	1	—	0.4
Western surface coal mining	4	Coal	15	3.4 - 16	6.2	7	2.8 - 20	6.9
		Overburden	15	3.8 - 15	7.5	0	—	—
		Exposed ground	3	5.1 - 21	15	3	0.8 - 6.4	3.4
Coal-fired power plant	1	Coal (as received)	60	0.6 - 4.8	2.2	59	2.7 - 7.4	4.5
Municipal solid waste landfills	4	Sand	1	—	2.6	1	—	7.4
		Slag	2	3.0 - 4.7	3.8	2	2.3 - 4.9	3.6
		Cover	5	5.0 - 16	9.0	5	8.9 - 16	12
		Clay/dirt mix	1	—	9.2	1	—	14
		Clay	2	4.5 - 7.4	6.0	2	8.9 - 11	10
		Fly ash	4	78 - 81	80	4	26 - 29	27
		Misc. fill materials	1	—	12	1	—	11

^a References 1-10. ND = no data.

13.2.4.3 Predictive Emission Factor Equations

Total dust emissions from aggregate storage piles result from several distinct source activities within the storage cycle:

1. Loading of aggregate onto storage piles (batch or continuous drop operations).
2. Equipment traffic in storage area.
3. Wind erosion of pile surfaces and ground areas around piles.
4. Loadout of aggregate for shipment or for return to the process stream (batch or continuous drop operations).

Either adding aggregate material to a storage pile or removing it usually involves dropping the material onto a receiving surface. Truck dumping on the pile or loading out from the pile to a truck with a front-end loader are examples of batch drop operations. Adding material to the pile by a conveyor stacker is an example of a continuous drop operation.

The quantity of particulate emissions generated by either type of drop operation, per kilogram (kg) (ton) of material transferred, may be estimated, with a rating of A, using the following empirical expression:¹¹

$$E = k(0.0016) \frac{\left(\frac{U}{2.2}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} \text{ (kg/megagram [Mg])}$$

$$E = k(0.0032) \frac{\left(\frac{U}{5}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} \text{ (pound [lb]/ton)}$$

where:

E = emission factor

k = particle size multiplier (dimensionless)

U = mean wind speed, meters per second (m/s) (miles per hour [mph])

M = material moisture content (%)

The particle size multiplier in the equation, k, varies with aerodynamic particle size range, as follows:

Aerodynamic Particle Size Multiplier (k) For Equation 1				
< 30 µm	< 15 µm	< 10 µm	< 5 µm	< 2.5 µm
0.74	0.48	0.35	0.20	0.053 ^a

^a Multiplier for < 2.5 µm taken from Reference 14.

The equation retains the assigned quality rating if applied within the ranges of source conditions that were tested in developing the equation, as follows. Note that silt content is included, even though silt content does not appear as a correction parameter in the equation. While it is reasonable to expect that silt content and emission factors are interrelated, no significant correlation between the 2 was found during the derivation of the equation, probably because most tests with high silt contents were conducted under lower winds, and vice versa. It is recommended that estimates from the equation be reduced 1 quality rating level if the silt content used in a particular application falls outside the range given:

Ranges Of Source Conditions For Equation 1			
Silt Content (%)	Moisture Content (%)	Wind Speed	
		m/s	mph
0.44 - 19	0.25 - 4.8	0.6 - 6.7	1.3 - 15

To retain the quality rating of the equation when it is applied to a specific facility, reliable correction parameters must be determined for specific sources of interest. The field and laboratory procedures for aggregate sampling are given in Reference 3. In the event that site-specific values for

correction parameters cannot be obtained, the appropriate mean from Table 13.2.4-1 may be used, but the quality rating of the equation is reduced by 1 letter.

For emissions from equipment traffic (trucks, front-end loaders, dozers, etc.) traveling between or on piles, it is recommended that the equations for vehicle traffic on unpaved surfaces be used (see Section 13.2.2). For vehicle travel between storage piles, the silt value(s) for the areas among the piles (which may differ from the silt values for the stored materials) should be used.

Worst-case emissions from storage pile areas occur under dry, windy conditions. Worst-case emissions from materials-handling operations may be calculated by substituting into the equation appropriate values for aggregate material moisture content and for anticipated wind speeds during the worst case averaging period, usually 24 hours. The treatment of dry conditions for Section 13.2.2, vehicle traffic, "Unpaved Roads", follows the methodology described in that section centering on parameter p. A separate set of nonclimatic correction parameters and source extent values corresponding to higher than normal storage pile activity also may be justified for the worst-case averaging period.

13.2.4.4 Controls¹²⁻¹³

Watering and the use of chemical wetting agents are the principal means for control of aggregate storage pile emissions. Enclosure or covering of inactive piles to reduce wind erosion can also reduce emissions. Watering is useful mainly to reduce emissions from vehicle traffic in the storage pile area. Watering of the storage piles themselves typically has only a very temporary slight effect on total emissions. A much more effective technique is to apply chemical agents (such as surfactants) that permit more extensive wetting. Continuous chemical treating of material loaded onto piles, coupled with watering or treatment of roadways, can reduce total particulate emissions from aggregate storage operations by up to 90 percent.¹²

References For Section 13.2.4

1. C. Cowherd, Jr., *et al.*, *Development Of Emission Factors For Fugitive Dust Sources*, EPA-450/3-74-037, U. S. Environmental Protection Agency, Research Triangle Park, NC, June 1974.
2. R. Bohn, *et al.*, *Fugitive Emissions From Integrated Iron And Steel Plants*, EPA-600/2-78-050, U. S. Environmental Protection Agency, Cincinnati, OH, March 1978.
3. C. Cowherd, Jr., *et al.*, *Iron And Steel Plant Open Dust Source Fugitive Emission Evaluation*, EPA-600/2-79-103, U. S. Environmental Protection Agency, Cincinnati, OH, May 1979.
4. *Evaluation Of Open Dust Sources In The Vicinity Of Buffalo, New York*, EPA Contract No. 68-02-2545, Midwest Research Institute, Kansas City, MO, March 1979.
5. C. Cowherd, Jr., and T. Cuscino, Jr., *Fugitive Emissions Evaluation*, MRI-4343-L, Midwest Research Institute, Kansas City, MO, February 1977.
6. T. Cuscino, Jr., *et al.*, *Taconite Mining Fugitive Emissions Study*, Minnesota Pollution Control Agency, Roseville, MN, June 1979.
7. *Improved Emission Factors For Fugitive Dust From Western Surface Coal Mining Sources*, 2 Volumes, EPA Contract No. 68-03-2924, PEDCo Environmental, Kansas City, MO, and Midwest Research Institute, Kansas City, MO, July 1981.
8. *Determination Of Fugitive Coal Dust Emissions From Rotary Railcar Dumping*, TRC, Hartford, CT, May 1984.
9. *PM-10 Emission Inventory Of Landfills In the Lake Calumet Area*, EPA Contract No. 68-02-3891, Midwest Research Institute, Kansas City, MO, September 1987.

10. *Chicago Area Particulate Matter Emission Inventory — Sampling And Analysis*, EPA Contract No. 68-02-4395, Midwest Research Institute, Kansas City, MO, May 1988.
11. *Update Of Fugitive Dust Emission Factors In AP-42 Section 11.2*, EPA Contract No. 68-02-3891, Midwest Research Institute, Kansas City, MO, July 1987.
12. G. A. Jutze, *et al.*, *Investigation Of Fugitive Dust Sources Emissions And Control*, EPA-450/3-74-036a, U. S. Environmental Protection Agency, Research Triangle Park, NC, June 1974.
13. C. Cowherd, Jr., *et al.*, *Control Of Open Fugitive Dust Sources*, EPA-450/3-88-008, U. S. Environmental Protection Agency, Research Triangle Park, NC, September 1988.
14. C. Cowherd, *Background Document for Revisions to Fine Fraction Ratios &sed for AP-42 Fugitive Dust Emission Factors*. Prepared by Midwest Research Institute for Western Governors Association, Western Regional Air Partnership, Denver, CO, February 1, 2006.

NEW MEXICO

AVERAGE WIND SPEED - MPH

STATION	ID	Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
ALAMOGORDO AIRPORT ASOS	KALM	1996-2006	5.1	6.3	7.1	7.9	7.1	6.9	6.1	5.3	5.2	5.2	5.0	5.0	6.0
ALAMOGORDO-HOLLOMAN AFB	KHMN	1996-2006	8.5	9.7	10.6	11.8	10.8	10.6	9.8	9.1	8.8	8.5	8.1	8.3	9.6
ALBUQUERQUE AP ASOS	KABQ	1996-2006	7.0	8.2	9.3	11.1	10.0	10.0	8.7	8.3	8.0	7.9	7.2	6.9	8.5
ALBUQUERQUE-DBLE EAGLE	KAEG	1999-2006	7.1	7.9	9.0	10.6	9.5	8.6	7.0	6.2	7.0	6.5	6.5	6.1	7.7
ARTESIA AIRPORT ASOS	KATS	1997-2006	7.8	9.1	10.1	10.9	10.2	9.9	7.8	6.9	7.6	7.8	7.6	7.4	8.5
CARLSBAD AIRPORT ASOS	KCNM	1996-2006	9.2	9.8	10.9	11.4	10.4	9.9	8.5	7.7	8.2	8.5	8.4	8.8	9.3
CLAYTON MUNI AP ASOS	KCAO	1996-2006	11.9	12.7	13.4	14.6	13.4	13.0	11.7	10.8	11.8	12.1	12.1	12.0	12.4
CLINES CORNERS	KCQC	1998-2006	16.2	16.1	15.7	16.9	14.6	13.5	10.6	10.1	11.8	13.3	15.0	16.0	14.1
CLOVIS AIRPORT AWOS	KCVN	1996-2006	12.3	12.3	13.4	13.8	12.4	11.9	9.7	8.9	9.7	10.9	11.6	12.2	11.6
CLOVIS-CANNON AFB	KCVS	1996-2006	12.5	12.6	13.6	13.8	12.2	12.5	10.7	10.0	10.2	11.3	11.7	12.4	12.0
DEMING AIRPORT ASOS	KDMN	1996-2006	8.7	9.7	10.9	12.0	10.6	10.1	8.9	8.1	8.4	8.2	8.5	8.1	9.3
FARMINGTON AIRPORT ASOS	KFMN	1996-2006	7.3	8.3	9.0	9.8	9.4	9.4	8.7	8.2	8.0	7.8	7.6	7.3	8.4
GALLUP AIRPORT ASOS	KGUP	1996-2006	5.7	6.9	7.8	10.0	9.0	8.8	6.9	6.0	6.5	6.1	5.6	5.3	7.0
GRANTS-MILAN AP ASOS	KGNT	1997-2006	7.8	8.8	9.6	10.9	10.0	9.8	8.1	7.2	7.9	8.4	8.0	7.6	8.7
HOBBS AIRPORT AWOS	KHOB	1996-2006	11.3	11.9	12.6	13.4	12.5	12.3	11.0	10.0	10.2	10.6	10.7	11.1	11.4
LAS CRUCES AIRPORT AWOS	KLRU	2000-2006	6.4	7.5	8.8	10.1	8.7	8.2	6.8	6.0	6.2	6.1	6.4	6.0	7.3
LAS VEGAS AIRPORT ASOS	KLVS	1996-2006	10.9	12.2	12.5	14.3	12.4	11.8	10.0	9.2	10.9	10.8	11.0	10.9	11.4
LOS ALAMOS AP AWOS	KLAM	2005-2006	3.9	5.7	7.5	8.1	7.1	7.3	5.3	4.8	5.7	5.1	4.4	3.2	5.4
RATON AIRPORT ASOS	KRTN	1998-2006	8.9	9.4	10.4	12.2	10.8	10.2	8.4	8.1	8.6	9.0	8.6	8.5	9.4
ROSWELL AIRPORT ASOS	KROW	1996-2006	7.4	8.9	9.9	11.1	10.3	10.2	8.8	7.9	8.3	8.0	7.5	7.3	8.8
RUIDOSO AIRPORT AWOS	KSRR	1996-2006	8.8	9.6	10.0	11.6	10.0	8.4	5.9	5.3	6.4	7.4	7.9	8.7	8.3
SANTA FE AIRPORT ASOS	KSAF	1996-2006	8.9	9.5	9.9	11.2	10.6	10.5	9.2	8.8	8.8	9.1	8.7	8.5	9.5
SILVER CITY AP AWOS	KSVC	1999-2006	8.1	8.7	9.9	10.8	10.2	9.9	8.5	7.2	6.9	7.6	7.9	7.7	8.5
TAOS AIRPORT AWOS	KSKX	1996-2006	5.8	6.5	7.7	9.1	8.6	8.5	7.1	6.6	6.7	6.6	6.0	5.7	7.0
TRUTH OR CONSEQ AP ASOS	KTCS	1996-2006	7.4	8.7	9.9	11.1	10.4	9.8	8.1	7.4	7.7	8.0	7.7	7.3	8.6
TUCUMCARI AIRPORT ASOS	KTCC	1999-2006	10.0	11.2	11.9	13.6	11.9	11.6	9.9	9.3	10.0	10.0	10.4	10.2	10.8

Nonroad Compression-Ignition Engines: Exhaust Emission Standards

	Rated Power (kW)	Tier	Model Year	NMHC (g/kW-hr)	NMHC + NOx (g/kW-hr)	NOx (g/kW-hr)	PM (g/kW-hr)	CO (g/kW-hr)	Smoke ^a (Percentage)	Useful Life (hours /years) ^b	Warranty Period (hours /years) ^b
Federal	kW < 8	1	2000-2004	-	10.5	-	1.0	8.0	20/15/50	3,000/5	1,500/2
		2	2005-2007	-	7.5	-	0.80	8.0			
		4	2008+	-	7.5	-	0.40 ^c	8.0			
	8 ≤ kW < 19	1	2000-2004	-	9.5	-	0.80	6.6		3,000/5	1,500/2
		2	2005-2007	-	7.5	-	0.80	6.6			
		4	2008+	-	7.5	-	0.40	6.6			
	19 ≤ kW < 37	1	1999-2003	-	9.5	-	0.80	5.5		5,000/7 ^d	3,000/5 ^e
		2	2004-2007	-	7.5	-	0.60	5.5			
		4	2008-2012	-	7.5	-	0.30	5.5			
			2013+	-	4.7	-	0.03	5.5			
	37 ≤ kW < 56	1	1998-2003	-	-	9.2	-	-		8,000/10	3,000/5
		2	2004-2007	-	7.5	-	0.40	5.0			
		3 ^f	2008-2011	-	4.7	-	0.40	5.0			
		4 (Option 1) ^g	2008-2012	-	4.7	-	0.30	5.0			
		4 (Option 2) ^g	2012	-	4.7	-	0.03	5.0			
		4	2013+	-	4.7	-	0.03	5.0			
	56 ≤ kW < 75	1	1998-2003	-	-	9.2	-	-			
		2	2004-2007	-	7.5	-	0.40	5.0			
		3	2008-2011	-	4.7	-	0.40	5.0			
		4	2012-2013 ^h	-	4.7	-	0.02	5.0			
			2014+ ⁱ	0.19	-	0.40	0.02	5.0			
	75 ≤ kW < 130	1	1997-2002	-	-	9.2	-	-			
		2	2003-2006	-	6.6	-	0.30	5.0			
		3	2007-2011	-	4.0	-	0.30	5.0			
		4	2012-2013 ^h	-	4.0	-	0.02	5.0			
			2014+	0.19	-	0.40	0.02	5.0			

Continued

	Rated Power (kW)	Tier	Model Year	NMHC (g/kW-hr)	NMHC + NOx (g/kW-hr)	NOx (g/kW-hr)	PM (g/kW-hr)	CO (g/kW-hr)	Smoke ^a (Percentage)	Useful Life (hours /years) ^b	Warranty Period (hours /years) ^b
Federal	130 ≤ kW < 225	1	1996-2002	1.3 ^j	-	9.2	0.54	11.4	20/15/50	8,000/10	3,000/5
		2	2003-2005	-	6.6	-	0.20	3.5			
		3	2006-2010	-	4.0	-	0.20	3.5			
		4	2011-2013 ^h	-	4.0	-	0.02	3.5			
			2014+ ⁱ	0.19	-	0.40	0.02	3.5			
	225 ≤ kW < 450	1	1996-2000	1.3 ^j	-	9.2	0.54	11.4			
		2	2001-2005	-	6.4	-	0.20	3.5			
		3	2006-2010	-	4.0	-	0.20	3.5			
		4	2011-2013 ^h	-	4.0	-	0.02	3.5			
			2014+ ⁱ	0.19	-	0.40	0.02	3.5			
	450 ≤ kW < 560	1	1996-2001	1.3 ^j	-	9.2	0.54	11.4			
		2	2002-2005	-	6.4	-	0.20	3.5			
		3	2006-2010	-	4.0	-	0.20	3.5			
		4	2011-2013 ^h	-	4.0	-	0.02	3.5			
			2014+ ⁱ	0.19	-	0.40	0.02	3.5			
	560 ≤ kW < 900	1	2000-2005	1.3 ^j	-	9.2	0.54	11.4			
		2	2006-2010	-	6.4	-	0.20	3.5			
		4	2011-2014	0.40	-	3.5	0.10	3.5			
			2015+ ⁱ	0.19	-	3.5 ^k	0.04 ^l	3.5			
	kW > 900	1	2000-2005	1.3 ^j	-	9.2	0.54	11.4			
		2	2006-2010	-	6.4	-	0.20	3.5			
		4	2011-2014	0.40	-	3.5 ^k	0.10	3.5			
			2015+ ⁱ	0.19	-	3.5 ^k	0.04 ^l	3.5			

Notes on following page.

Notes:

- For Tier 1, 2, and 3 standards, exhaust emissions of nitrogen oxides (NO_x), carbon monoxide (CO), hydrocarbons (HC), and non-methane hydrocarbons (NMHC) are measured using the procedures in 40 Code of Federal Regulations (CFR) Part 89 Subpart E. For Tier 1, 2, and 3 standards, particulate matter (PM) exhaust emissions are measured using the California Regulations for New 1996 and Later Heavy-Duty Off-Road Diesel Cycle Engines.
- For Tier 4 standards, engines are tested for transient and steady-state exhaust emissions using the procedures in 40 CFR Part 1039 Subpart F. Transient standards do not apply to engines below 37 kilowatts (kW) before the 2013 model year, constant-speed engines, engines certified to Option 1, and engines above 560 kW.
- Tier 2 and later model naturally aspirated nonroad engines shall not discharge crankcase emissions into the atmosphere unless these emissions are permanently routed into the exhaust. This prohibition does not apply to engines using turbochargers, pumps, blowers, or superchargers.
- In lieu of the Tier 1, 2, and 3 standards for NO_x, NMHC + NO_x, and PM, manufacturers may elect to participate in the averaging, banking, and trading (ABT) program described in 40 CFR Part 89 Subpart C.
- a** Smoke emissions may not exceed 20 percent during the acceleration mode, 15 percent during the lugging mode, and 50 percent during the peaks in either mode. Smoke emission standards do not apply to single-cylinder engines, constant-speed engines, or engines certified to a PM emission standard of 0.07 grams per kilowatt-hour (g/kW-hr) or lower. Smoke emissions are measured using procedures in 40 CFR Part 86 Subpart I.
- b** Useful life and warranty period are expressed hours and years, whichever comes first.
- c** Hand-startable air-cooled direct injection engines may optionally meet a PM standard of 0.60 g/kW-hr. These engines may optionally meet Tier 2 standards through the 2009 model years. In 2010 these engines are required to meet a PM standard of 0.60 g/kW-hr.
- d** Useful life for constant speed engines with rated speed 3,000 revolutions per minute (rpm) or higher is 5 years or 3,000 hours, whichever comes first.
- e** Warranty period for constant speed engines with rated speed 3,000 rpm or higher is 2 years or 1,500 hours, whichever comes first.
- f** These Tier 3 standards apply only to manufacturers selecting Tier 4 Option 2. Manufacturers selecting Tier 4 Option 1 will be meeting those standards in lieu of Tier 3 standards.
- g** A manufacturer may certify all their engines to either Option 1 or Option 2 sets of standards starting in the indicated model year. Manufacturers selecting Option 2 must meet Tier 3 standards in the 2008-2011 model years.
- h** These standards are phase-out standards. Not more than 50 percent of a manufacturer's engine production is allowed to meet these standards in each model year of the phase out period. Engines not meeting these standards must meet the final Tier 4 standards.
- i** These standards are phased in during the indicated years. At least 50 percent of a manufacturer's engine production must meet these standards during each year of the phase in. Engines not meeting these standards must meet the applicable phase-out standards.
- j** For Tier 1 engines the standard is for total hydrocarbons.
- k** The NO_x standard for generator sets is 0.67 g/kW-hr.
- l** The PM standard for generator sets is 0.03 g/kW-hr.

Citations: Code of Federal Regulations (CFR) citations:

- 40 CFR 89.112 = Exhaust emission standards
- 40 CFR 1039.101 = Exhaust emission standards for after 2014 model year
- 40 CFR 1039.102 = Exhaust emission standards for model year 2014 and earlier
- 40 CFR 1039 Subpart F = Exhaust emissions transient and steady state test procedures
- 40 CFR 86 Subpart I = Smoke emission test procedures
- 40 CFR 1065 = Test equipment and emissions measurement procedures

Nonroad Compression-Ignition Engines: Exhaust Emission Standards

	Rated Power (kW)	Tier	Model Year	NMHC (g/kW-hr)	NMHC + NOx (g/kW-hr)	NOx (g/kW-hr)	PM (g/kW-hr)	CO (g/kW-hr)	Smoke ^a (Percentage)	Useful Life (hours /years) ^b	Warranty Period (hours /years) ^b
Federal	kW < 8	1	2000-2004	-	10.5	-	1.0	8.0	20/15/50	3,000/5	1,500/2
		2	2005-2007	-	7.5	-	0.80	8.0			
		4	2008+	-	7.5	-	0.40 ^c	8.0			
	8 ≤ kW < 19	1	2000-2004	-	9.5	-	0.80	6.6		3,000/5	1,500/2
		2	2005-2007	-	7.5	-	0.80	6.6			
		4	2008+	-	7.5	-	0.40	6.6			
	19 ≤ kW < 37	1	1999-2003	-	9.5	-	0.80	5.5		5,000/7 ^d	3,000/5 ^e
		2	2004-2007	-	7.5	-	0.60	5.5			
		4	2008-2012	-	7.5	-	0.30	5.5			
			2013+	-	4.7	-	0.03	5.5			
	37 ≤ kW < 56	1	1998-2003	-	-	9.2	-	-		8,000/10	3,000/5
		2	2004-2007	-	7.5	-	0.40	5.0			
		3 ^f	2008-2011	-	4.7	-	0.40	5.0			
		4 (Option 1) ^g	2008-2012	-	4.7	-	0.30	5.0			
		4 (Option 2) ^g	2012	-	4.7	-	0.03	5.0			
		4	2013+	-	4.7	-	0.03	5.0			
	56 ≤ kW < 75	1	1998-2003	-	-	9.2	-	-			
		2	2004-2007	-	7.5	-	0.40	5.0			
		3	2008-2011	-	4.7	-	0.40	5.0			
		4	2012-2013 ^h	-	4.7	-	0.02	5.0			
			2014+ ⁱ	0.19	-	0.40	0.02	5.0			
	75 ≤ kW < 130	1	1997-2002	-	-	9.2	-	-			
		2	2003-2006	-	6.6	-	0.30	5.0			
		3	2007-2011	-	4.0	-	0.30	5.0			
		4	2012-2013 ^h	-	4.0	-	0.02	5.0			
			2014+	0.19	-	0.40	0.02	5.0			

Continued

	Rated Power (kW)	Tier	Model Year	NMHC (g/kW-hr)	NMHC + NOx (g/kW-hr)	NOx (g/kW-hr)	PM (g/kW-hr)	CO (g/kW-hr)	Smoke ^a (Percentage)	Useful Life (hours /years) ^b	Warranty Period (hours /years) ^b
Federal	130 ≤ kW < 225	1	1996-2002	1.3 ^j	-	9.2	0.54	11.4	20/15/50	8,000/10	3,000/5
		2	2003-2005	-	6.6	-	0.20	3.5			
		3	2006-2010	-	4.0	-	0.20	3.5			
		4	2011-2013 ^h	-	4.0	-	0.02	3.5			
			2014+ ⁱ	0.19	-	0.40	0.02	3.5			
	225 ≤ kW < 450	1	1996-2000	1.3 ^j	-	9.2	0.54	11.4			
		2	2001-2005	-	6.4	-	0.20	3.5			
		3	2006-2010	-	4.0	-	0.20	3.5			
		4	2011-2013 ^h	-	4.0	-	0.02	3.5			
			2014+ ⁱ	0.19	-	0.40	0.02	3.5			
	450 ≤ kW < 560	1	1996-2001	1.3 ^j	-	9.2	0.54	11.4			
		2	2002-2005	-	6.4	-	0.20	3.5			
		3	2006-2010	-	4.0	-	0.20	3.5			
		4	2011-2013 ^h	-	4.0	-	0.02	3.5			
			2014+ ⁱ	0.19	-	0.40	0.02	3.5			
	560 ≤ kW < 900	1	2000-2005	1.3 ^j	-	9.2	0.54	11.4			
		2	2006-2010	-	6.4	-	0.20	3.5			
		4	2011-2014	0.40	-	3.5	0.10	3.5			
			2015+ ⁱ	0.19	-	3.5 ^k	0.04 ^l	3.5			
	kW > 900	1	2000-2005	1.3 ^j	-	9.2	0.54	11.4			
		2	2006-2010	-	6.4	-	0.20	3.5			
		4	2011-2014	0.40	-	3.5 ^k	0.10	3.5			
			2015+ ⁱ	0.19	-	3.5 ^k	0.04 ^l	3.5			

Notes on following page.

Notes:

- For Tier 1, 2, and 3 standards, exhaust emissions of nitrogen oxides (NO_x), carbon monoxide (CO), hydrocarbons (HC), and non-methane hydrocarbons (NMHC) are measured using the procedures in 40 Code of Federal Regulations (CFR) Part 89 Subpart E. For Tier 1, 2, and 3 standards, particulate matter (PM) exhaust emissions are measured using the California Regulations for New 1996 and Later Heavy-Duty Off-Road Diesel Cycle Engines.
- For Tier 4 standards, engines are tested for transient and steady-state exhaust emissions using the procedures in 40 CFR Part 1039 Subpart F. Transient standards do not apply to engines below 37 kilowatts (kW) before the 2013 model year, constant-speed engines, engines certified to Option 1, and engines above 560 kW.
- Tier 2 and later model naturally aspirated nonroad engines shall not discharge crankcase emissions into the atmosphere unless these emissions are permanently routed into the exhaust. This prohibition does not apply to engines using turbochargers, pumps, blowers, or superchargers.
- In lieu of the Tier 1, 2, and 3 standards for NO_x, NMHC + NO_x, and PM, manufacturers may elect to participate in the averaging, banking, and trading (ABT) program described in 40 CFR Part 89 Subpart C.
- a** Smoke emissions may not exceed 20 percent during the acceleration mode, 15 percent during the lugging mode, and 50 percent during the peaks in either mode. Smoke emission standards do not apply to single-cylinder engines, constant-speed engines, or engines certified to a PM emission standard of 0.07 grams per kilowatt-hour (g/kW-hr) or lower. Smoke emissions are measured using procedures in 40 CFR Part 86 Subpart I.
- b** Useful life and warranty period are expressed hours and years, whichever comes first.
- c** Hand-startable air-cooled direct injection engines may optionally meet a PM standard of 0.60 g/kW-hr. These engines may optionally meet Tier 2 standards through the 2009 model years. In 2010 these engines are required to meet a PM standard of 0.60 g/kW-hr.
- d** Useful life for constant speed engines with rated speed 3,000 revolutions per minute (rpm) or higher is 5 years or 3,000 hours, whichever comes first.
- e** Warranty period for constant speed engines with rated speed 3,000 rpm or higher is 2 years or 1,500 hours, whichever comes first.
- f** These Tier 3 standards apply only to manufacturers selecting Tier 4 Option 2. Manufacturers selecting Tier 4 Option 1 will be meeting those standards in lieu of Tier 3 standards.
- g** A manufacturer may certify all their engines to either Option 1 or Option 2 sets of standards starting in the indicated model year. Manufacturers selecting Option 2 must meet Tier 3 standards in the 2008-2011 model years.
- h** These standards are phase-out standards. Not more than 50 percent of a manufacturer's engine production is allowed to meet these standards in each model year of the phase out period. Engines not meeting these standards must meet the final Tier 4 standards.
- i** These standards are phased in during the indicated years. At least 50 percent of a manufacturer's engine production must meet these standards during each year of the phase in. Engines not meeting these standards must meet the applicable phase-out standards.
- j** For Tier 1 engines the standard is for total hydrocarbons.
- k** The NO_x standard for generator sets is 0.67 g/kW-hr.
- l** The PM standard for generator sets is 0.03 g/kW-hr.

Citations: Code of Federal Regulations (CFR) citations:

- 40 CFR 89.112 = Exhaust emission standards
- 40 CFR 1039.101 = Exhaust emission standards for after 2014 model year
- 40 CFR 1039.102 = Exhaust emission standards for model year 2014 and earlier
- 40 CFR 1039 Subpart F = Exhaust emissions transient and steady state test procedures
- 40 CFR 86 Subpart I = Smoke emission test procedures
- 40 CFR 1065 = Test equipment and emissions measurement procedures

Section 8

Map(s)

A map such as a 7.5 minute topographic quadrangle showing the exact location of the source. The map shall also include the following:

The UTM or Longitudinal coordinate system on both axes	An indicator showing which direction is north
A minimum radius around the plant of 0.8km (0.5 miles)	Access and haul roads
Topographic features of the area	Facility property boundaries
The name of the map	The area which will be restricted to public access
A graphical scale	

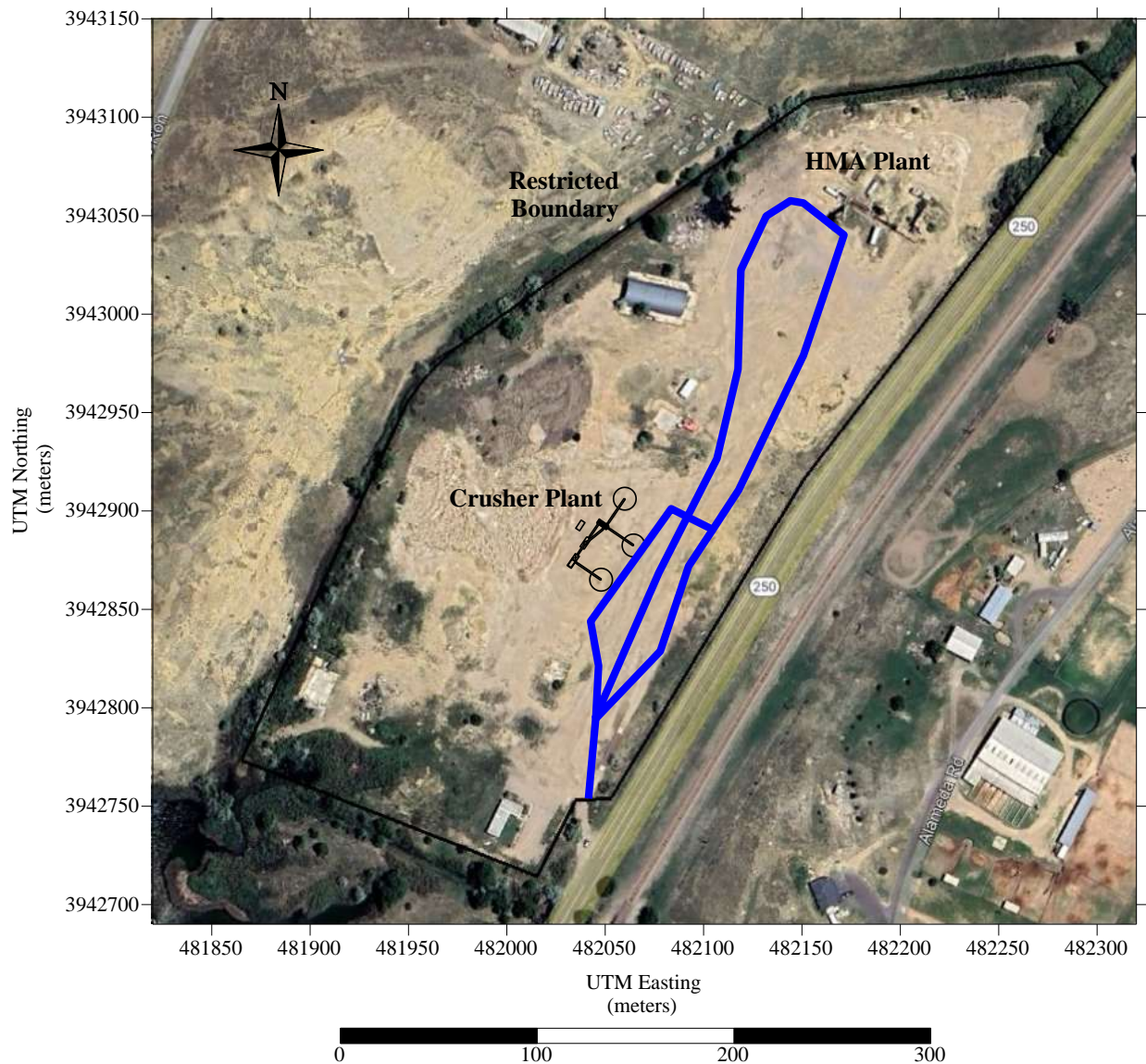


Figure 8-1: Location of Short Line Crusher Plant and Surrounding Area

Section 9

Proof of Public Notice

(for NSR applications submitting under 20.2.72 or 20.2.74 NMAC)

(This proof is required by: 20.2.72.203.A.14 NMAC "Documentary Proof of applicant's public notice")

X I have read the AQB "Guidelines for Public Notification for Air Quality Permit Applications"

This document provides detailed instructions about public notice requirements for various permitting actions. It also provides public notice examples and certification forms. Material mistakes in the public notice will require a re-notice before issuance of the permit.

Unless otherwise allowed elsewhere in this document, the following items document proof of the applicant's Public Notification. Please include this page in your proof of public notice submittal with checkmarks indicating which documents are being submitted with the application.

New Permit and **Significant Permit Revision** public notices must include all items in this list.

Technical Revision public notices require only items 1, 5, 9, and 10.

Per the Guidelines for Public Notification document mentioned above, include:

1. **X** A copy of the certified letter receipts with post marks (20.2.72.203.B NMAC)
 2. **X** A list of the places where the public notice has been posted in at least four publicly accessible and conspicuous places, including the proposed or existing facility entrance. (e.g: post office, library, grocery, etc.)
 3. **X** A copy of the property tax record (20.2.72.203.B NMAC).
 4. **X** A sample of the letters sent to the owners of record.
 5. **X** A sample of the letters sent to counties, municipalities, and Indian tribes.
 6. **X** A sample of the public notice posted and a verification of the local postings.
 7. **X** A table of the noticed citizens, counties, municipalities and tribes and to whom the notices were sent in each group.
 8. **X** A copy of the public service announcement (PSA) sent to a local radio station and documentary proof of submittal.
 9. **X** A copy of the classified or legal ad including the page header (date and newspaper title) or its affidavit of publication stating the ad date, and a copy of the ad. When appropriate, this ad shall be printed in both English and Spanish.
 10. **X** A copy of the display ad including the page header (date and newspaper title) or its affidavit of publication stating the ad date, and a copy of the ad. When appropriate, this ad shall be printed in both English and Spanish.
 11. **X** A map with a graphic scale showing the facility boundary and the surrounding area in which owners of record were notified by mail. This is necessary for verification that the correct facility boundary was used in determining distance for notifying land owners of record.
-

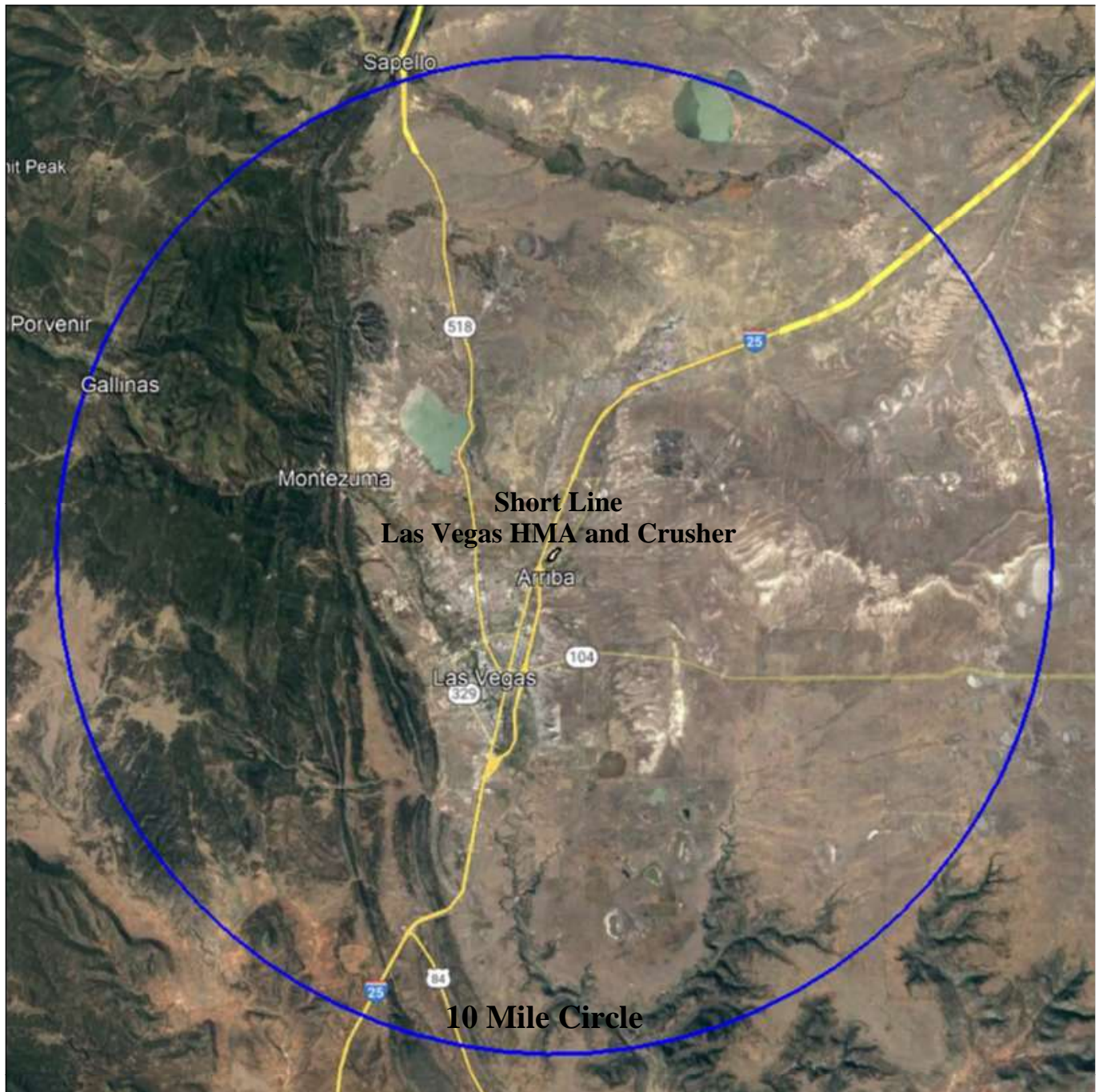


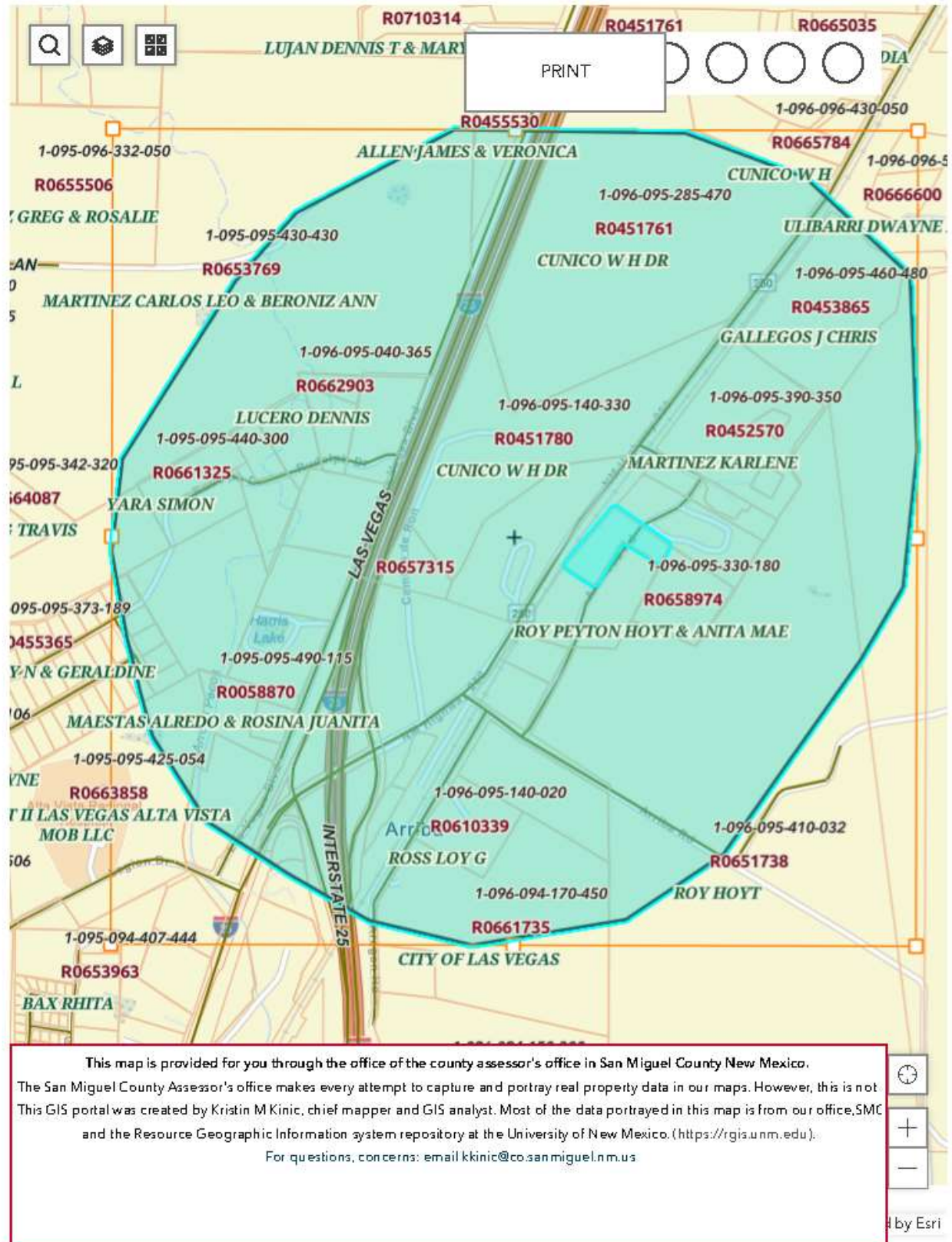
Figure 9-1: Ten-Mile Radius around Site

Government List within 10 Miles

San Miguel County	Connie M. Gallegos, County Clerk	518 Valencia St. County Annex Building	Las Vegas	NM	87701
City of Las Vegas	Casandra Fresquez, City Clerk	1700 N. Grand Avenue	Las Vegas	NM	87701

10/11/23, 11:20 AM

San Miguel County Assessor Map 2023



https://experience.arcgis.com/experience/b784ae43846844a9b5f80228f76bb60b?data_id=dataSource_3-188e010a961-layer-23%3A21760&print_pre... 1/1

Figure 9-2: Half Mile Radius around Site

Acct_No	OWNNAME	MAILADD	MCITY	STATE	ZIP
R0058870	MAESTAS ALREDO & ROSINA JUANITA	PO BOX 152	LAS VEGAS	NM	87701
R0073511	MARTINEZ MATIAS JR & CONSUELO	300 SOUTH HIGHWAY 85	LAS VEGAS	NM	87701
R0451420	TRUJILLO JOHNNY A & LILLIAN M & LAW OFFICE OF DENNIS P	PO BOX 45311	RIO RANCHO	NM	87174
R0451761	CUNICO W H DR	57 CAMINO DE RON	LAS VEGAS	NM	87701
R0451780	CUNICO W H DR	57 CAMINO DE RON	LAS VEGAS	NM	87701
R0451861	MARTINEZ JOHN D & XIMENEZ ANDREA I	PO BOX 3600	LAS VEGAS	NM	87701
R0452570	MARTINEZ KARLENE	PO BOX 562	LAS VEGAS	NM	87701
R0452660	SAN MIGUEL HOSPITAL CORPORTION A NM CORP PROPERTY VALUATION SERVICES	14400 METCALF	OVERLAND PARK	KS	66223
R0453865	GALLEGOS J CHRIS	PO BOX 3	LAS VEGAS	NM	87701
R0454121	ROY ANITA MAE NAYLOR	PO BOX 515	LAS VEGAS	NM	87701
R0454220	PACHECO JACOBO E & VALERIE	PO BOX 300	MORA	NM	87732
R0454286	MARTINEZ MEGAN R	412 South Pacific St	LAS VEGAS	NM	87701
R0454730	LYSTER HARLAN K	PO Box 2546	Las Vegas	NM	87701
R0454740	RUDOLPH GENE L SR, JERRY & BERNICE	29 RUDOLPH DRIVE #9	LAS VEGAS	NM	87701
R0455362	ORTEGA-MATHIS PRESCILLA S & DYCKSON RAYMOND J	PO BOX 56	LAS VEGAS	NM	87701
R0455363	TAFOYA LEONOR	202 CHICO DRIVE	LAS VEGAS	NM	87701
R0455530	ALLEN JAMES & VERONICA	PO BOX 2735	LAS VEGAS	NM	87701
R0455810	VALDEZ PACOMIO & MARCELLA	582 SCHULTZ	GREEN RIVER	WY	82935
R0600364	TRUJILLO ANTHONY & PATRICIA	201 CHICO DRIVE	LAS VEGAS	NM	87701
R0610303	GONZALES RITA MARIE & ESPINOZA DARIAN MATTHEW	276 HARRIS ROAD	LAS VEGAS	NM	87701
R0610339	ROSS LOY G	PO Box 727	Springer	NM	87747
R0651509	LALA'S ENTERPRICES LLC	1409 4TH STREET	LAS VEGAS	NM	87701
R0651738	ROY HOYT	PO BOX 841	LAS VEGAS	NM	87701
R0653769	MARTINEZ CARLOS LEO & BERONIZ ANN	PO BOX 13	SAPELLO	NM	87745
R0653770	MADRID MARVIN D & REGINA A	205 1/2 CHICO DRIVE	LAS VEGAS	NM	87701
R0654835	ROSS KENNETH & VIVIAN D	PO Box 188	Las Vegas	NM	87701
R0654878	LUCERO DENNIS	14 B Rudolph Drive	LAS VEGAS	NM	87701
R0654993	MARTINEZ MARCIA A	274 HARRIS ROAD	LAS VEGAS	NM	87701
R0655097	LOS ALAMOS NATIONAL BANK	640 WEST LAMBERT ROAD	BREA	CA	92821
R0655954	HENSSLER ROBERT R	PO Box 4202	LAS VEGAS	NM	87701
R0655955	BOYD WILLIAM J & HEMMES VICKY L	17 ALMEDA ROAD	LAS VEGAS	NM	87701
R0657312	ROSS KENNETH & VIVIAN D	PO Box 188	Las Vegas	NM	87701
R0657320	MORA SAN MIGUEL ELECTRIC COOP	PO BOX 240	MORA	NM	87732
R0657363	CITY OF LAS VEGAS	1700 NORTH GRAND AVENUE	LAS VEGAS	NM	87701
R0658974	ROY PEYTON HOYT & ANITA MAE	PO BOX 515	LAS VEGAS	NM	87701

Acct_No	OWNNAME	MAILADD	MCITY	STATE	ZIP
R0658978	NEW MEXICO STATE HWY DEPT	28 BD INDUSTRIAL DR	LAS VEGAS	NM	87701
R0660617	RUDOLPH JERRY R & BERNICE	29 RUDOLPH DRIVE #9	LAS VEGAS	NM	87701
R0661325	YARA SIMON	4 Rudolph Dr	LAS VEGAS	NM	87701
R0661326	EBELL VINIA A & ZACRIAS J	PO BOX 337	MAXWELL	NM	87728
R0661428	IBARRA JOSEFINA PRIETO	PO BOX 3572	LAS VEGAS	NM	87701
R0661436	HENSSLER ROBERT R	PO Box 4202	LAS VEGAS	NM	87701
R0661735	CITY OF LAS VEGAS	1700 NORTH GRAND AVENUE	LAS VEGAS	NM	87701
R0662525	ROSS KENNETH & VIVIAN D	PO Box 188	LAS VEGAS	NM	87701
R0662903	LUCERO DENNIS, Care of LUCERO ANNETTE	14 B Rudolph Drive	LAS VEGAS	NM	87701
R0662980	LOS ALAMOS NATIONAL BANK	PO BOX 60	LOS ALAMOS	NM	87544
R0663616	RUDOLPH JERRY & BERNICE	29 RUDOLPH DRIVE #9	LAS VEGAS	NM	87701
R0664128	MASCARENAS ESEQUIEL	3505 ERNEST ROAD	LAS VEGAS	NM	87701
R0665713	PLATEAU TELECOMMUNICATIONS	PO BOX 1947	CLOVIS	NM	88102
R0666310	MARTINEZ MATT C & MARTHA L S	772 DORA CELESTE	LAS VEGAS	NM	87701
R0709744	STALLSMITH JUNE & ROY	PO Box 1147	LAS VEGAS	NM	87701
R0709745	GONZALES KARLENE & MARTINEZ JOHNNA	PO Box 562	LAS VEGAS	NM	87701

NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters. The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.51 pph	9.39 tpy
PM _{2.5}	0.81 pph	1.72 tpy
Sulfur Dioxide (SO ₂)	0.24 pph	0.53 tpy
Nitrogen Oxides (NO _x)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO _{2e}	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

General Posting of Notices – Certification

I, Beverly Zastrow, the undersigned, certify that on December 4, 2023, posted a true and correct copy of the attached Public Notice in the following publicly accessible and conspicuous places in the City of Las Vegas of San Miguel County, State of New Mexico on the following dates:

1. Facility entrance {12.4.23}
2. Kocina De Raphael – 610 Legion Dr., Las Vegas, NM 87701 {12.4.23}
3. USPS West Las Vegas – NM 87701 {12.4.23}
4. USPS Las Vegas, NM 87701{12.4.23}

Signed this 4th day of December, 2023



Beverly Zastrow, Managing Member

December 4, 2023



NOTICE

NOTICE

NOTICE

NOTICE

NOTICE

NOTICE

NOTICE

NOTICE

NOTICE

 **KOCINA
DE
RAPHAEL** 
DANSA LLENA CORAZON CONTENTO

 **Kocina de Raphael** 



E.T. Electric, LLC



NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, Northing 3,942,880 meters. The approximate location of this facility is 2.5 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 120 ton per hour and 200,000 tons per year hot mix asphalt plant (HMA) producing asphalt for road paving. The proposed construction includes aggregate storage piles, two 3-bin cold aggregate feeders, scalping screen, drum dryer/mixer with baghouse, incline conveyor, asphalt silo, asphalt heater, four (4) transfer conveyors, Evotherm storage tank, and two (2) asphalt cement storage tanks. The HMA plant will be powered with a 504 kW (676 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air pollutant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.70 pph	4.18 tpy
PM _{2.5}	3.36 pph	3.18 tpy
Sulfur Dioxide (SO ₂)	1.27 pph	6.82 tpy
Nitrogen Oxides (NO _x)	13.54 pph	21.12 tpy
Carbon Monoxide (CO)	20.15 pph	22.23 tpy
Volatile Organic Compounds (VOC)	8.03 pph	7.29 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	1.29 pph	1.11 tpy
Toxic Air Pollutant (TAP)	1.50 pph	1.25 tpy
Green House Gas Emissions as Total CO ₂ e	n/a	5,860 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager, New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for a hot mix asphalt plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,180 meters, UTM Northing 3,943,060 meters. The approximate location of this facility is 2.5 miles northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 120 ton per hour and 200,000 tons per year hot mix asphalt plant (HMA) producing asphalt for road paving. The proposed construction includes aggregate storage piles, two 3-bin cold aggregate feeders, scalping screen, drum dryer/mixer with baghouse, incline conveyor, asphalt silo, asphalt heater, four (4) transfer conveyors, Evotherm storage tank, and two (2) asphalt cement storage tanks. The HMA plant will be powered with a 504 kW (676 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air pollutant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.70 pph	4.18 tpy
PM _{2.5}	3.36 pph	3.18 tpy
Sulfur Dioxide (SO ₂)	1.27 pph	6.82 tpy
Nitrogen Oxides (NO _x)	13.54 pph	21.12 tpy
Carbon Monoxide (CO)	20.15 pph	22.23 tpy
Volatile Organic Compounds (VOC)	8.03 pph	7.29 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	1.29 pph	1.11 tpy
Toxic Air Pollutant (TAP)	1.50 pph	1.25 tpy
Green House Gas Emissions as Total CO ₂ e	n/a	5,860 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager, New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

OUTSTANDING CONSTRUCTION LLC
NEED A NEW ROOF?

We are a Team of Professional Roofing Experts
Providing Roofing Solutions for Residential and Commercial Properties

What We Do

- New Roofing Shingle, Metal, Tile, TPO
- Re-roofing
- Leak Repair
- Emergency Repairs
- Roofing Consulting
- Seamless Gutters
- New Stucco
- Re-Stucco
- Concrete Work

CALL TO HIRE US! 505-573-9275
OR MORE INFO 505-932-9013 ANDRES G. OFFICE
WWW.OUTSTANDINGCONSTRUCTIONLLC.COM

UNITED STATES
POST OFFICE
LAS VEGAS
NEW MEXICO 87701





U.S. POST OFFICE
WEST LAS VEGAS. N. MEX
87701



NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters. The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.51 pph	9.39 tpy
PM _{2.5}	0.81 pph	1.72 tpy
Sulfur Dioxide (SO ₂)	0.24 pph	0.53 tpy
Nitrogen Oxides (NO _x)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO ₂ e	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
P.O. Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager, New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez, Suite 1, Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975; Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters. The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.51 pph	9.39 tpy
PM _{2.5}	0.81 pph	1.72 tpy
Sulfur Dioxide (SO ₂)	0.24 pph	0.53 tpy
Nitrogen Oxides (NO _x)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO _{2e}	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

...and 470 million pieces of mail each day — no matter who we are or where we live. In contrast, private delivery companies go where they can make a profit.

FACT: Multiple polls consistently rate the Postal Service as the most trusted U.S. agency. It rates highest among young adults.

FACT: Package volume is increasing. In these days of rising on-line shopping, the public Postal Service is as needed as ever.

FACT: If the White House Office of Management and Budget's proposal to sell the USPS to corporations for private profit goes through, it will result in higher costs, reduced mail days, and the end of delivery to every address.

Go to usmailnotforsale.org or call 202-224-3121 to contact your members of Congress. Tell them you support your public Postal Service!

The Public Postal



NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Luna Energy Facility is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,943,060 meters. The approximate location of this facility is 2.5 miles northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes aggregate storage piles, aggregate feeder, primary conveyor, secondary conveyor, screen, and (3) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	3.86 pph	8.49 tpy
PM _{2.5}	0.71 pph	1.39 tpy
Sulfur Dioxide (SO ₂)	0.24 pph	0.53 tpy
Nitrogen Oxides (NO _x)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO ₂ e	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager, New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico, 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención
Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination
NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.



NOTICE

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for a hot mix asphalt plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Luna Energy Facility is at Zone 13, UTM Easting 482,180 meters, UTM Northing 3,943,060 meters. The approximate location of this facility is 2.5 miles northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 120 ton per hour and 200,000 tons per year hot mix asphalt plant (HMA) producing asphalt for road paving. The proposed construction includes aggregate storage piles, two 3-bin cold aggregate feeders, scalping screen, drum dryer/mixer with baghouse, incline conveyor, asphalt silo, asphalt heater, four (4) transfer conveyors, Evotherm storage tank, and two (2) asphalt cement storage tanks. The HMA plant will be powered with a 504 kW (676 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.68 pph	4.11 tpy
PM _{2.5}	3.38 pph	3.17 tpy
Sulfur Dioxide (SO ₂)	7.27 pph	6.62 tpy
Nitrogen Oxides (NO _x)	12.54 pph	21.12 tpy
Carbon Monoxide (CO)	20.15 pph	22.23 tpy
Volatile Organic Compounds (VOC)	8.03 pph	7.29 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	1.29 pph	1.06 tpy
Toxic Air Pollutant (TAP)	0.001 pph	0.001 tpy
Green House Gas Emissions as Total CO ₂ e	n/a	5,860 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager, New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico, 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and

Atención
Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination
NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

Craft
Saturday October 7th
10:00 pm—
American
2300 Collins Dr, La

CELEBRATE YOUR HERITAGE!
August 4th - August 12

Hosted by the Las Vegas Citizens' Committee for Historic Preservation in multiple locations



North American Refugee Relief

Invites you to
Week by joining

Aug. 4th

Guided
Nation
Jun
Please br
dres

Aug. 7th

Untold his
and tour o
house in col
Union Nation
Rio Mora. Tim
am and l

To learn more about Refugee Relief please visit <https://www.fwv.org>, or call 505-248-6453. about Heritage Week, visit www.heritageweek.org. We hope to see you

October 5, 2023
Monthly Commissioner's Board Meeting Hillcrest 6:00 PM
Board Members—Mayordomo, Dickey Martinez; Chair, Quintana, Treasurer, Don Monheimer; Secretary, Linda John Herrera, vice chair; Carlos Ortiz, member

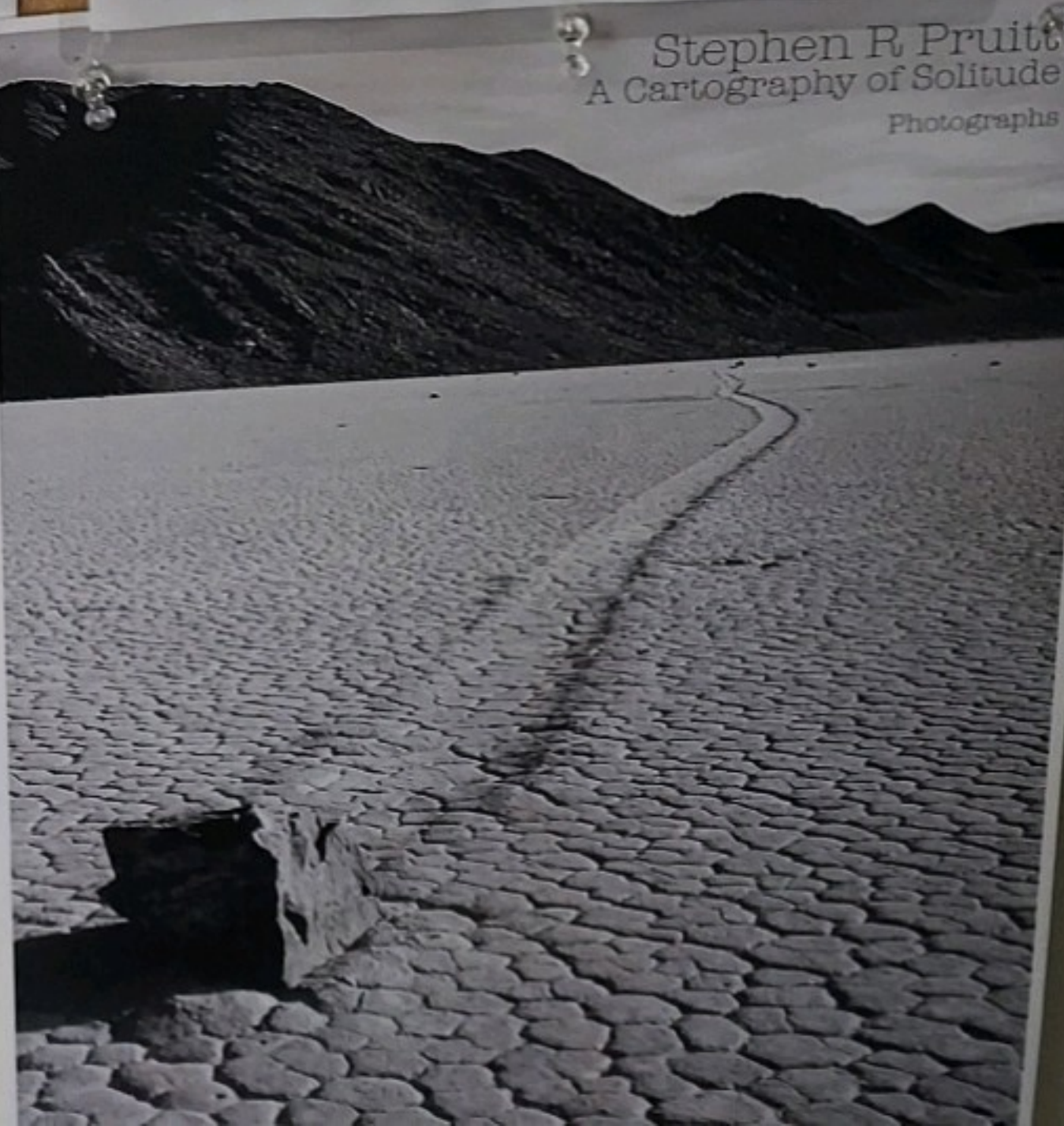
Agenda
Call meeting to order
Establish Quorum
Approval of minutes from August 2, 2023

1. Sign Bylaws
2. Discussion on how to proceed with signature(s) on application for certification with state auditors office 2010-2019 2020-2022 2023
3. Approve application/ funds request from NM Acequia Commission/Special Project Grant Program/Ashley Arellano initiated by Carlos Ortiz/Dickey Martinez

4. Ratify and approve execution of the contracts signed by Michael Quintana on behalf of Acequia Madre de Los Rios EQUIP 2018 748C30230D9 — 8/7/2023 EQUIP 2018 748C302010W — 6/13/2023

5. Resolution to authorize Commissioners, Don Monheimer, other member as signers at Community First Bank Checking 1048902 Savings 36743 All other signers are to be removed Two signatures are required for all checks that will be presented for payment Order a For Deposit Only Stamp Order current check blanks Order personalized deposit slips

Stephen R. Pruitt
A Cartography of Solitude
Photographs



CARE-NET

All Services FREE

Pregnancy Tests

Pregnancy Options

Confidential

Conversations

Abortion Pill Reversal

Hotline: 877-558-0333

non-urgent inquiries: 614-885-7577

info@apr-life.org

Suicide Prevention: Call or Text 988

Domestic Violence Hotline: 800-799-7233

Text START to 88788

US

800-799-7233

Text START to 88788

US

800-799-7233

Text START to 88788

US

October 20, 2023

CERTIFIED MAIL XXXX XXXX XXXX XXXX

Dear [Neighbor/Environmental Director/county or municipal official]

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters. The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.51 pph	9.39 tpy
PM _{2.5}	0.81 pph	1.72 tpy
Sulfur Dioxide (SO ₂)	0.24 pph	0.53 tpy
Nitrogen Oxides (NO _x)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO ₂ e	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air

Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Sincerely,

Short Line, LLC

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

Government Entities within 10 Miles
October 2023

San Miguel County	Connie M. Gallegos, County Clerk	518 Valencia St. County Annex Building	Las Vegas	NM	87701
City of Las Vegas	Casandra Fresquez, City Clerk	1700 N. Grand Avenue	Las Vegas	NM	87701

ACCOUNTNO	NAME	ADDRESS1	CITY	STATE	ZIPCODE
R0661735	CITY OF LAS VEGAS	1700 NORTH GRAND AVENUE	LAS VEGAS	NM	87701
R0709745	GONZALES KARLENE & MARTINEZ JOHNNA	PO Box 562	LAS VEGAS	NM	87701
R0709744	STALLSMITH JUNE & ROY	PO Box 1147	LAS VEGAS	NM	87701
R0666310	MARTINEZ MATT C & MARTHA L S	772 DORA CELESTE	LAS VEGAS	NM	87701
R0665713	PLATEAU TELECOMMUNICATIONS	PO BOX 1947	CLOVIS	NM	88102
R0657363	CITY OF LAS VEGAS	1700 NORTH GRAND AVENUE	LAS VEGAS	NM	87701
R0658978	NEW MEXICO STATE HWY DEPT	28 BD INDUSTRIAL DR	LAS VEGAS	NM	87701
R0451861	MARTINEZ JOHN D & XIMENEZ ANDREA I	PO BOX 3600	LAS VEGAS	NM	87701
R0451761	CUNICO W H DR	57 CAMINO DE RON	LAS VEGAS	NM	87701
R0651509	LALA'S ENTERPRICES LLC	1409 4TH STREET	LAS VEGAS	NM	87701
R0654878	LUCERO DENNIS	14 B Rudolph Drive	LAS VEGAS	NM	87701
R0653769	MARTINEZ CARLOS LEO & BERONIZ ANN	PO BOX 13	SAPELLO	NM	87745
R0454740	RUDOLPH GENE L SR, JERRY & BERNICE	29 RUDOLPH DRIVE #9	LAS VEGAS	NM	87701
R0662980	LOS ALAMOS NATIONAL BANK	PO BOX 60	LOS ALAMOS	NM	87544
R0657312	ROSS KENNETH & VIVIAN D	PO Box 188	Las Vegas	NM	87701
R0657320	MORA SAN MIGUEL ELECTRIC COOP	PO BOX 240	MORA	NM	87732
R0658974	ROY PEYTON HOYT & ANITA MAE	PO BOX 515	LAS VEGAS	NM	87701
R0661436	HENSSLER ROBERT R	PO Box 4202	LAS VEGAS	NM	87701
R0073511	MARTINEZ MATIAS JR & CONSUELO	300 SOUTH HIGHWAY 85	LAS VEGAS	NM	87701
R0662525	ROSS KENNETH & VIVIAN D	PO Box 188	Las Vegas	NM	87701
R0651738	ROY HOYT	PO BOX 841	LAS VEGAS	NM	87701
R0664128	MASCARENAS ESEQUIEL	3505 ERNEST ROAD	LAS VEGAS	NM	87701
R0451780	CUNICO W H DR	57 CAMINO DE RON	LAS VEGAS	NM	87701
R0663616	RUDOLPH JERRY & BERNICE	29 RUDOLPH DRIVE #9	LAS VEGAS	NM	87701
R0662903	LUCERO DENNIS, Care of LUCERO ANNETTE	14 B Rudolph Drive	LAS VEGAS	NM	87701
R0660617	RUDOLPH JERRY R & BERNICE	29 RUDOLPH DRIVE #9	LAS VEGAS	NM	87701
R0453865	GALLEGOS J CHRIS	PO BOX 3	LAS VEGAS	NM	87701
R0455810	VALDEZ PACOMIO & MARCELLA	582 SCHULTZ	GREEN RIVER	WY	82935
R0454220	PACHECO JACOBO E & VALERIE	PO BOX 300	MORA	NM	87732
R0454121	ROY ANITA MAE NAYLOR	PO BOX 515	LAS VEGAS	NM	87701
R0655955	BOYD WILLIAM J & HEMMES VICKY L	17 ALMEDA ROAD	LAS VEGAS	NM	87701
R0655097	LOS ALAMOS NATIONAL BANK	640 WEST LAMBERT ROAD	BREA	CA	92821
R0661428	IBARRA JOSEFINA PRIETO	PO BOX 3572	LAS VEGAS	NM	87701
R0653770	MADRID MARVIN D & REGINA A	205 1/2 CHICO DRIVE	LAS VEGAS	NM	87701
R0455530	ALLEN JAMES & VERONICA	PO BOX 2735	LAS VEGAS	NM	87701
R0600364	TRUJILLO ANTHONY & PATRICIA	201 CHICO DRIVE	LAS VEGAS	NM	87701

ACCOUNTNO	NAME	ADDRESS1	CITY	STATE	ZIPCODE
R0454730	LYSTER HARLAN K	PO Box 2546	Las Vegas	NM	87701
R0610303	GONZALES RITA MARIE & ESPINOZA DARIAN MATTHEW	276 HARRIS ROAD	LAS VEGAS	NM	87701
R0661326	EBELL VINIA A & ZACRIAS J	PO BOX 337	MAXWELL	NM	87728
R0455363	TAFOYA LEONOR	202 CHICO DRIVE	LAS VEGAS	NM	87701
R0455362	ORTEGA-MATHIS PRESCILLA S & DYCKSON RAYMOND J	PO BOX 56	LAS VEGAS	NM	87701
R0661325	YARA SIMON	4 Rudolph Dr	LAS VEGAS	NM	87701
R0655954	HENSSLER ROBERT R	PO Box 4202	LAS VEGAS	NM	87701
R0451420	TRUJILLO JOHNNY A & LILLIAN M & LAW OFFICE OF DENNIS P	PO BOX 45311	RIO RANCHO	NM	87174
R0610339	ROSS LOY G	PO Box 727	Springer	NM	87747
R0654993	MARTINEZ MARCIA A	274 HARRIS ROAD	LAS VEGAS	NM	87701
R0454286	MARTINEZ MEGAN R	412 South Pacific St	LAS VEGAS	NM	87701
R0058870	MAESTAS ALREDO & ROSINA JUANITA	PO BOX 152	LAS VEGAS	NM	87701
R0452570	MARTINEZ KARLENE	PO BOX 562	LAS VEGAS	NM	87701
R0452660	SAN MIGUEL HOSPITAL CORPORTION A NM CORP PROPERTY VALUATION SERVICES	14400 METCALF	OVERLAND PARK	KS	66223
R0654835	ROSS KENNETH & VIVIAN D	PO Box 188	Las Vegas	NM	87701

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To YARA SIMON

Street and 4 Rudolph Dr

City, State LAS VEGAS, NM 87701-9404

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To City of Las Vegas

Street and Casandra Fresquez, City Clerk

City, State 1700 N. Grand Avenue

City, State Las Vegas, NM 87701-4731

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To San Miguel County

Street and Connie M. Gallegos, County Clerk

City, State 518 Valencia St.

City, State County Annex Building

City, State Las Vegas, NM 87701-4257

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To VALDEZ PACOMIO & MARCELLA

Street and 582 SCHULTZ

City, State GREEN RIVER, WY 82935-5212

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To TRUJILLO ANTHONY & PATRICIA

Street and 201 CHICO DRIVE

City, State LAS VEGAS, NM 87701-9511

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

Street and MARTINEZ JOHN D & XIMENEZ

City, State ANDREA I

City, State PO BOX 3600

City, State LAS VEGAS, NM 87701-3600

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0577

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ _____
- ☐ Return Receipt (electronic) \$ _____
- ☐ Certified Mail Restricted Delivery \$ _____
- ☐ Adult Signature Required \$ _____
- ☐ Adult Signature Restricted Delivery \$ _____

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To MARTINEZ CARLOS LEO &

BERONIZ ANN

PO BOX 13

SAPELLO, NM 87745-0013

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0550

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ _____
- ☐ Return Receipt (electronic) \$ _____
- ☐ Certified Mail Restricted Delivery \$ _____
- ☐ Adult Signature Required \$ _____
- ☐ Adult Signature Restricted Delivery \$ _____

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To MAESTAS ALREDO & ROSINA

JUANITA

PO BOX 152

LAS VEGAS, NM 87701-0152

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0560

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ _____
- ☐ Return Receipt (electronic) \$ _____
- ☐ Certified Mail Restricted Delivery \$ _____
- ☐ Adult Signature Required \$ _____
- ☐ Adult Signature Restricted Delivery \$ _____

Postmark
Here

Postage

\$ 0.60

Total Postage and Fees

\$ 4.98

Sent To MADRID MARVIN D & REGINA A

205 1/2 CHICO DRIVE

LAS VEGAS, NM 87701-9511

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0546

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ _____
- ☐ Return Receipt (electronic) \$ _____
- ☐ Certified Mail Restricted Delivery \$ _____
- ☐ Adult Signature Required \$ _____
- ☐ Adult Signature Restricted Delivery \$ _____

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To Lyster Harlan K

PO Box 2546

Las Vegas, NM 87701-2546

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0539

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ _____
- ☐ Return Receipt (electronic) \$ _____
- ☐ Certified Mail Restricted Delivery \$ _____
- ☐ Adult Signature Required \$ _____
- ☐ Adult Signature Restricted Delivery \$ _____

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To LUCERO DENNIS, Care of LUCERO

ANNETTE

14 B Rudolph Drive

LAS VEGAS, NM 87701-9404

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0522

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ _____
- ☐ Return Receipt (electronic) \$ _____
- ☐ Certified Mail Restricted Delivery \$ _____
- ☐ Adult Signature Required \$ _____
- ☐ Adult Signature Restricted Delivery \$ _____

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To LOS ALAMOS NATIONAL BANK

640 WEST LAMBERT ROAD

BREA, CA 92821-3139

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0515

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

LOS ALAMOS NATIONAL BANK

Street and

PO BOX 60

City, State

LOS ALAMOS, NM 87544-0060

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0492

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

IBARRA JOSEFINA PRIETO

Street and

PO BOX 3572

City, State

LAS VEGAS, NM 87701-3572

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0508

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

LALA'S ENTERPRICES LLC

Street and

1409 4TH STREET

City, State

LAS VEGAS, NM 87701-4402

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0485

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

HENSSLER ROBERT R

Street and

PO Box 4202

City, State

LAS VEGAS, NM 87701-4202

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0461

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

GONZALES RITA MARIE &

Street and

ESPINOZA DARIAN MATTHEW

City, State

276 HARRIS ROAD

City, State

LAS VEGAS, NM 87701-4836

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

GONZALES KARLENE & MARTINEZ

Street and

JOHNNA

City, State

PO Box 562

City, State

LAS VEGAS, NM 87701-0562

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7020 2450 0000 3198 0450

U.S. Postal ServiceTM CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

\$ 4.35
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63
Total Postage and Fees

Sent To **GALLEGOS J CHRIS**
Street and Apt. No., or PO Box No. **PO BOX 3**
City, State, ZIP+4[®] **LAS VEGAS, NM 87701-0003**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0447

U.S. Postal ServiceTM CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

\$ 4.35
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63
Total Postage and Fees

Sent To **EBELL VINIA A & ZACRIAS J**
Street and Apt. No., or PO Box No. **PO BOX 337**
City, State, ZIP+4[®] **MAXWELL, NM 87728-0337**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0430

U.S. Postal ServiceTM CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

\$ 4.35
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63
Total Postage and Fees

Sent To **CUNICO W H DR**
Street and Apt. No., or PO Box No. **57 CAMINO DE RON**
City, State, ZIP+4[®] **LAS VEGAS, NM 87701-3759**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0423

U.S. Postal ServiceTM CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

\$ 4.35
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63
Total Postage and Fees

Sent To **CITY OF LAS VEGAS**
Street and Apt. No., or PO Box No. **1700 N. GRAND AVENUE**
City, State, ZIP+4[®] **LAS VEGAS, NM 87701-4731**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0416

U.S. Postal ServiceTM CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

\$ 4.35
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63
Total Postage and Fees

Sent To **BOYD WILLIAM J & HEMMES VICKY L**
Street and Apt. No., or PO Box No. **17 ALMEDA ROAD**
City, State, ZIP+4[®] **LAS VEGAS, NM 87701-3996**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0409

U.S. Postal ServiceTM CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

\$ 4.35
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63
Total Postage and Fees

Sent To **ALLEN JAMES & VERONICA**
Street and Apt. No., or PO Box No. **PO BOX 2735**
City, State, ZIP+4[®] **LAS VEGAS, NM 87701-2735**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0607

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.**OFFICIAL USE**

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postmark
Here

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
MARTINEZ MARCIA A

Street and
274 HARRIS ROAD

City, State
LAS VEGAS, NM 87701-4836

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0591

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.**OFFICIAL USE**

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postmark
Here

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
MARTINEZ KARLENE

Street and
PO BOX 562

City, State
LAS VEGAS, NM 87701-0562

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8207

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.**OFFICIAL USE**

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postmark
Here

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
MARTINEZ MATT C & MARTHA L S

Street and
772 DORA CELESTE

City, State
LAS VEGAS, NM 87701-5109

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 2450 0000 3198 0614

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.**OFFICIAL USE**

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postmark
Here

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
MARTINEZ MATIAS JR &

Street and
CONSUELO

City, State
**300 SOUTH HIGHWAY 85
LAS VEGAS, NM 87701-3873**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8211

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.**OFFICIAL USE**

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postmark
Here

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
MASCARENAS ESEQUIEL

Street and
3505 ERNEST ROAD

City, State
LAS VEGAS, NM 87701-9540

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8214

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.**OFFICIAL USE**

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postmark
Here

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
MARTINEZ MEGAN R

Street and
412 South Pacific St

City, State
LAS VEGAS, NM 87701-3254

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8245

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

NEW MEXICO STATE HWY DEPT

Street and

28 B D INDUSTRIAL DR

City, State

LAS VEGAS, NM 87701

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 3330 0001 7203 8269

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

PACHECO JACOBO E & VALERIE

Street and

PO BOX 300

City, State

MORA, NM 87732-0300

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 3330 0001 7203 8047

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

ROSS LOY G

Street and

PO Box 727

City, State

SPRINGER, NM 87747-0727

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 3330 0001 7203 8030

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

ROSS KENNETH & VIVIAN D

Street and

PO Box 188

City, State

LAS VEGAS, NM 87701-0188

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 3330 0001 7203 8236

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ 0.63

Total Postage and Fees

\$ 4.98

Sent To

MORA SAN MIGUEL ELECTRIC

Street and

COOP

City, State

PO BOX 240

MORA, NM 87732-0240

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 3330 0001 7203 8276

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage
\$ 0.63

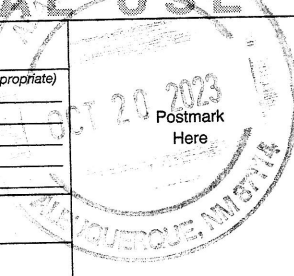
Total Postage and Fees
\$ 4.98

Sent To
PLATEAU TELECOMMUNICATIONS

Street &
PO BOX 1947

City, St.
CLOVIS, NM 88102-1947

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Postmark
Here

7022 3330 0001 7203 8061

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage
\$ 0.63

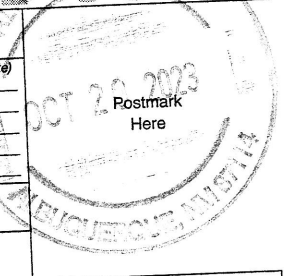
Total Postage and Fees
\$ 4.98

Sent To
ROY PEYTON HOYT & ANITA MAE

Street and
PO BOX 515

City, State
LAS VEGAS, NM 87701-0515

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Postmark
Here

7022 3330 0001 7203 8054

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage
\$ 0.63

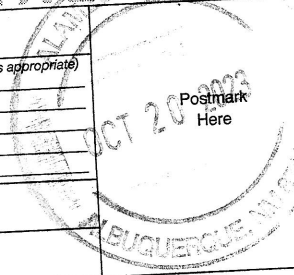
Total Postage and Fees
\$ 4.98

Sent To
ROY HOYT

Street &
PO BOX 841

City, St.
LAS VEGAS, NM 87701-0841

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Postmark
Here

7022 3330 0001 7203 8085

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage
\$ 0.63

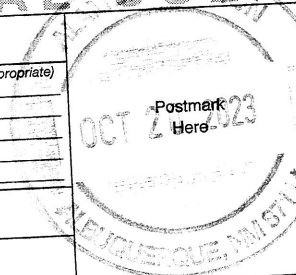
Total Postage and Fees
\$ 4.98

Sent To
SAN MIGUEL HOSPITAL CORPORATION

Street &
A NM CORP

City, St.
PROPERTY VALUATION SERVICES
14400 METCALF
OVERLAND PARK, KS 66223-2989

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Postmark
Here

7022 3330 0001 7203 8078

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
RUDOLPH GENE L SR, JERRY &
BERNICE
29 RUDOLPH DRIVE #9
LAS VEGAS, NM 87701-9420

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8108

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
TAFUYA LEONOR
202 CHICO DRIVE
LAS VEGAS, NM 87701-9501

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8092

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
STALLSMITH JUNE & ROY
PO Box 1147
LAS VEGAS, NM 87701-1147

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7022 3330 0001 7203 8122

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
\$ 4.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

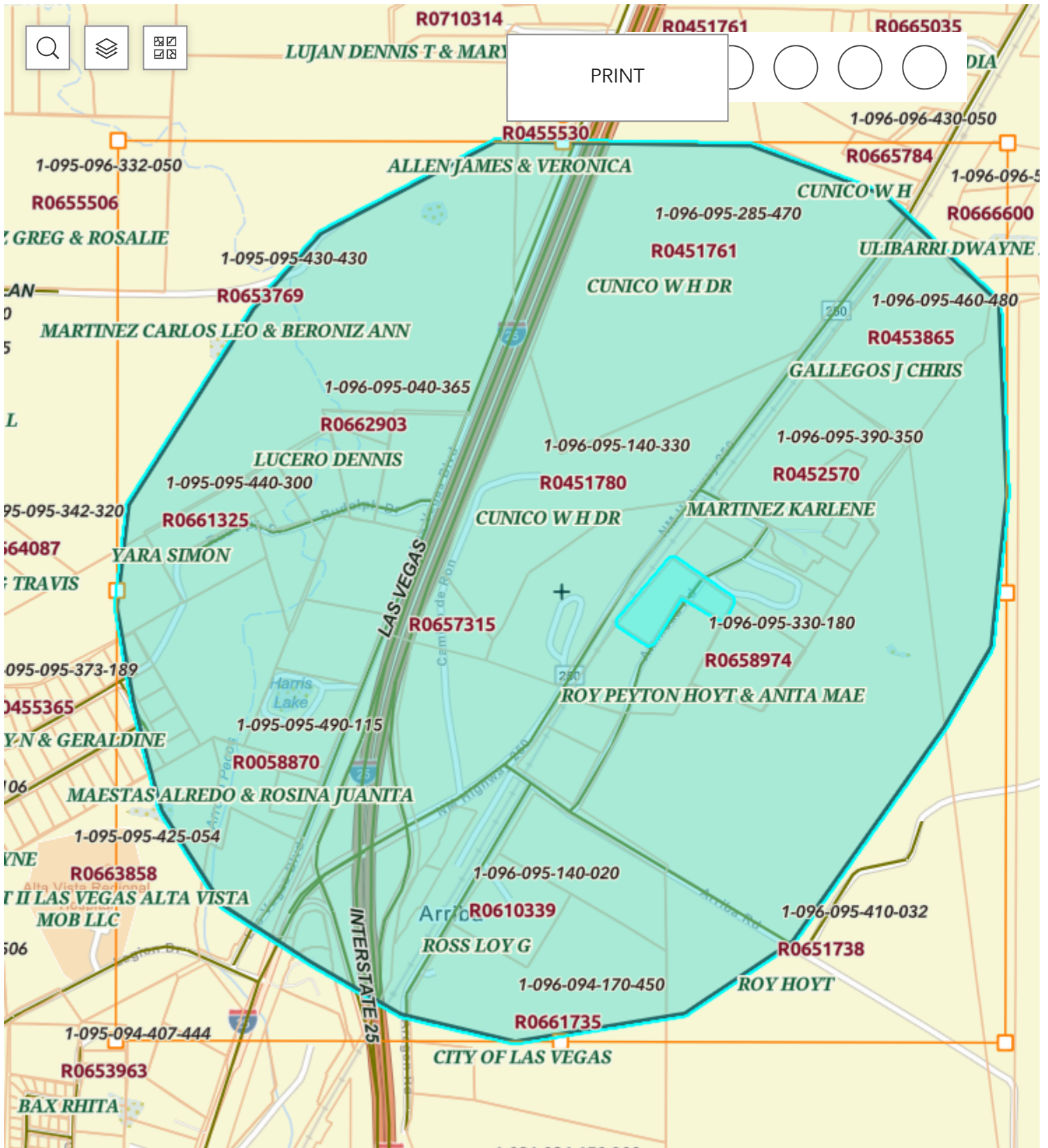
Postage
\$ 0.63

Total Postage and Fees
\$ 4.98

Sent To
TRUJILLO JOHNNY A & LILLIAN M
& LAW OFFICE OF DENNIS P
PO BOX 45311
RIO RANCHO, NM 87174-5311

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



This map is provided for you through the office of the county assessor's office in San Miguel County New Mexico.

The San Miguel County Assessor's office makes every attempt to capture and portray real property data in our maps. However, this is not a guarantee. This GIS portal was created by Kristin M Kinic, chief mapper and GIS analyst. Most of the data portrayed in this map is from our office, SMC and the Resource Geographic Information system repository at the University of New Mexico. (<https://rgis.unm.edu>).


For questions, concerns: email kkinic@co.sanmiguel.nm.us

Mail

Chat

Spaces

Meet



Garcia-Lujan, Dorene

to me

Good morning Paul,

Attached please find the information you requested. Please feel free to contact me if you have any questions or concerns.

Thank you,

Dorene J. García-Lujan

San Miguel County

Chief Deputy Assessor

dgarcialujan@co.sanmiguel.nm.us

505-454-1430

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary ar their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments a dissemination, copying, or storage of this message or its attachments is strictly prohibited.

One attachment • Scanned by Gmail

1	Request for Public Records - PWade	10/23/2023	10:09 AM
2	Request for Public Records - PWade	10/23/2023	10:09 AM
3	Request for Public Records - PWade	10/23/2023	10:09 AM
4	Request for Public Records - PWade	10/23/2023	10:09 AM
5	Request for Public Records - PWade	10/23/2023	10:09 AM
6	Request for Public Records - PWade	10/23/2023	10:09 AM
7	Request for Public Records - PWade	10/23/2023	10:09 AM
8	Request for Public Records - PWade	10/23/2023	10:09 AM
9	Request for Public Records - PWade	10/23/2023	10:09 AM
10	Request for Public Records - PWade	10/23/2023	10:09 AM
11	Request for Public Records - PWade	10/23/2023	10:09 AM
12	Request for Public Records - PWade	10/23/2023	10:09 AM
13	Request for Public Records - PWade	10/23/2023	10:09 AM
14	Request for Public Records - PWade	10/23/2023	10:09 AM
15	Request for Public Records - PWade	10/23/2023	10:09 AM
16	Request for Public Records - PWade	10/23/2023	10:09 AM
17	Request for Public Records - PWade	10/23/2023	10:09 AM
18	Request for Public Records - PWade	10/23/2023	10:09 AM
19	Request for Public Records - PWade	10/23/2023	10:09 AM
20	Request for Public Records - PWade	10/23/2023	10:09 AM
21	Request for Public Records - PWade	10/23/2023	10:09 AM
22	Request for Public Records - PWade	10/23/2023	10:09 AM
23	Request for Public Records - PWade	10/23/2023	10:09 AM
24	Request for Public Records - PWade	10/23/2023	10:09 AM
25	Request for Public Records - PWade	10/23/2023	10:09 AM
26	Request for Public Records - PWade	10/23/2023	10:09 AM
27	Request for Public Records - PWade	10/23/2023	10:09 AM
28	Request for Public Records - PWade	10/23/2023	10:09 AM
29	Request for Public Records - PWade	10/23/2023	10:09 AM
30	Request for Public Records - PWade	10/23/2023	10:09 AM
31	Request for Public Records - PWade	10/23/2023	10:09 AM
32	Request for Public Records - PWade	10/23/2023	10:09 AM
33	Request for Public Records - PWade	10/23/2023	10:09 AM
34	Request for Public Records - PWade	10/23/2023	10:09 AM
35	Request for Public Records - PWade	10/23/2023	10:09 AM
36	Request for Public Records - PWade	10/23/2023	10:09 AM
37	Request for Public Records - PWade	10/23/2023	10:09 AM
38	Request for Public Records - PWade	10/23/2023	10:09 AM
39	Request for Public Records - PWade	10/23/2023	10:09 AM
40	Request for Public Records - PWade	10/23/2023	10:09 AM
41	Request for Public Records - PWade	10/23/2023	10:09 AM
42	Request for Public Records - PWade	10/23/2023	10:09 AM
43	Request for Public Records - PWade	10/23/2023	10:09 AM
44	Request for Public Records - PWade	10/23/2023	10:09 AM
45	Request for Public Records - PWade	10/23/2023	10:09 AM
46	Request for Public Records - PWade	10/23/2023	10:09 AM
47	Request for Public Records - PWade	10/23/2023	10:09 AM
48	Request for Public Records - PWade	10/23/2023	10:09 AM
49	Request for Public Records - PWade	10/23/2023	10:09 AM
50	Request for Public Records - PWade	10/23/2023	10:09 AM
51	Request for Public Records - PWade	10/23/2023	10:09 AM
52	Request for Public Records - PWade	10/23/2023	10:09 AM
53	Request for Public Records - PWade	10/23/2023	10:09 AM
54	Request for Public Records - PWade	10/23/2023	10:09 AM
55	Request for Public Records - PWade	10/23/2023	10:09 AM
56	Request for Public Records - PWade	10/23/2023	10:09 AM
57	Request for Public Records - PWade	10/23/2023	10:09 AM
58	Request for Public Records - PWade	10/23/2023	10:09 AM
59	Request for Public Records - PWade	10/23/2023	10:09 AM
60	Request for Public Records - PWade	10/23/2023	10:09 AM
61	Request for Public Records - PWade	10/23/2023	10:09 AM
62	Request for Public Records - PWade	10/23/2023	10:09 AM
63	Request for Public Records - PWade	10/23/2023	10:09 AM
64	Request for Public Records - PWade	10/23/2023	10:09 AM
65	Request for Public Records - PWade	10/23/2023	10:09 AM
66	Request for Public Records - PWade	10/23/2023	10:09 AM
67	Request for Public Records - PWade	10/23/2023	10:09 AM
68	Request for Public Records - PWade	10/23/2023	10:09 AM
69	Request for Public Records - PWade	10/23/2023	10:09 AM
70	Request for Public Records - PWade	10/23/2023	10:09 AM
71	Request for Public Records - PWade	10/23/2023	10:09 AM
72	Request for Public Records - PWade	10/23/2023	10:09 AM
73	Request for Public Records - PWade	10/23/2023	10:09 AM
74	Request for Public Records - PWade	10/23/2023	10:09 AM
75	Request for Public Records - PWade	10/23/2023	10:09 AM
76	Request for Public Records - PWade	10/23/2023	10:09 AM
77	Request for Public Records - PWade	10/23/2023	10:09 AM
78	Request for Public Records - PWade	10/23/2023	10:09 AM
79	Request for Public Records - PWade	10/23/2023	10:09 AM
80	Request for Public Records - PWade	10/23/2023	10:09 AM
81	Request for Public Records - PWade	10/23/2023	10:09 AM
82	Request for Public Records - PWade	10/23/2023	10:09 AM
83	Request for Public Records - PWade	10/23/2023	10:09 AM
84	Request for Public Records - PWade	10/23/2023	10:09 AM
85	Request for Public Records - PWade	10/23/2023	10:09 AM
86	Request for Public Records - PWade	10/23/2023	10:09 AM
87	Request for Public Records - PWade	10/23/2023	10:09 AM
88	Request for Public Records - PWade	10/23/2023	10:09 AM
89	Request for Public Records - PWade	10/23/2023	10:09 AM
90	Request for Public Records - PWade	10/23/2023	10:09 AM
91	Request for Public Records - PWade	10/23/2023	10:09 AM
92	Request for Public Records - PWade	10/23/2023	10:09 AM
93	Request for Public Records - PWade	10/23/2023	10:09 AM
94	Request for Public Records - PWade	10/23/2023	10:09 AM
95	Request for Public Records - PWade	10/23/2023	10:09 AM
96	Request for Public Records - PWade	10/23/2023	10:09 AM
97	Request for Public Records - PWade	10/23/2023	10:09 AM
98	Request for Public Records - PWade	10/23/2023	10:09 AM
99	Request for Public Records - PWade	10/23/2023	10:09 AM
100	Request for Public Records - PWade	10/23/2023	10:09 AM

NOTICE OF AIR QUALITY PERMIT APPLICATION

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters. The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM ₁₀	4.51 pph	9.39 tpy
PM _{2.5}	0.81 pph	1.72 tpy
Sulfur Dioxide (SO ₂)	0.24 pph	0.53 tpy
Nitrogen Oxides (NO _x)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO _{2e}	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

AFFIDAVIT OF PUBLICATION

COUNTIES OF SAN MIGUEL and MORA, STATE OF NEW MEXICO } ss.

Phil Scherer, Editor, being first duly sworn, on oath states that he is a Manager of the Las Vegas Optic, a semi-weekly newspaper of general paid and general circulation in San Miguel and Mora Counties, New Mexico, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of the provisions of Chapter 167, session Laws of 1937, and that payment therefor has been made and assessed as court costs. That the notice of which a copy as published is hereto attached and hereby made a part hereof was published in said newspaper once each week for 1 consecutive insertion(s). That the first publication being on the 13th day of October, 2023 and the subsequent consecutive publications on the ___n/a___ day(s) of _____, 20____.

Price: \$ 421.77.

Account Number: 40484.



Editor

Subscribed and sworn to before me this
13th day of October, 2023.



Notary Public

STATE OF NEW MEXICO
NOTARY PUBLIC
MARIA S. SANCHEZ
COMMISSION NUMBER 1117811
EXPIRATION DATE 08-09-2025

NOTICE OF AIR QUALITY PERMIT APPLICATION

Short Line, LLC announces its application submitted to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 462,040 meters, UTM Northing 5,942,880 meters. The approximate location of this facility is 2.3 miles north-southeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finished aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM 10	4.51 pph	9.39 tpy
PM 2.5	0.81 pph	1.72 tpy
Sulfur Dioxide (SO2)	0.24 pph	0.53 tpy
Nitrogen Oxides (NOx)	6.73 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO2e	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager, New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez, Suite 1, Santa Fe, New Mexico, 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 234-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-429-3395.

Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975; Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1990 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinate@env.nm.gov. You may also visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

News



Courtesy photo
This photograph was taken Feb. 1955 on the storage tracks in Belen. It was provided by Sylvan Rupert from the Everette DeGolyer Historical Railroad Archives

Continue A Winning Tradition
With A Robertson High School Letter Jacket



Order day is Monday,
October 16,
from 9 a.m. to 3 p.m..
In the High School Office

The basic jacket includes:

- Wool body
- Leather sleeves
- Quilted Lining
- School letter
- One shoulder patch with grad year
- Student name embroidered on front
- \$269

Your Letter Jacket
Provider for 20 years.



Tom Quaid • Meca Sportswear Representative
10 Cosmos Court, Santa Fe, NM 87508 • 505-946-8560
tlquaid@yahoo.com

Train
From Page A8

ordered by the Atchison, Topeka and Santa Fe Railway, Potts’ research reveals. The 1129 worked hard for 18 years until its particular kind of valve gear became too expensive to maintain. However, rather than scrap the 1129, the locomotive went through a refit in 1920 in order to simplify its running gear.

“This was the Santa Fe’s way of testing different designs, and this was what she’d ultimately bare for the rest of her known career,” Potts’ proposal to the City Council states. The 1129 went through another refit in 1936, when it was given an oil tender originally built for a 2-8-2 Santa Fe Mikado.

The tender – which looks like an additional compartment attached to the locomotive – increased the train’s ability to remain on the road without needing to stop for water, Potts said. This part of the train still has the number 4009 on it – a sign that it once was attached to a locomotive with that number.

Locomotive 1129 continued to tra-verse the Santa Fe network for several

more years, Potts’ proposal states.

“The 1129 wouldn’t stop until 1953, where she ended up on the storage tracks in Belen, New Mexico,” Potts says in his City Council proposal. Then, in 1955, a recommendation was made by the Santa Fe Railroad to donate the 1129 to the city of Las Vegas. This action was taken, Potts states, as “the age of steam came to a close.”

“Las Vegas had been a railroad town for 75 years at this point,” Potts contin-ues. “Las Vegans were seasoned and dedicated railroaders. ... They were deserving of a symbol that could accu-rately show how much pride the town had in the things that they earned.”

In 1956, the locomotive was placed where it currently sits on the corner of Grand and Mills avenues.

Potts noted that, with all of the work the 1129 has had done, it is an “engi-neering marvel” that has sadly fallen to disrepair. He said he hopes to not only restore the 1129, but also have it moving again.

The Las Vegas City Council is set to meet Wednesday at 5:30 p.m. at the City Council Chambers at 1700 N. Grand Ave.

NOTICE OF AIR QUALITY PERMIT APPLICATION

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department’s review:

Pollutant:	Maximum Pounds per hour	Maximum Tons per year
PM 10	4.51 pph	9.39 tpy
PM 2.5	0.81 pph	1.72 tpy
Sulfur Dioxide (SO2)	0.24 pph	0.53 tpy
Nitrogen Oxides (NOx)	6.75 pph	14.78 tpy
Carbon Monoxide (CO)	3.88 pph	8.51 tpy
Volatile Organic Compounds (VOC)	0.36 pph	0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	0.03 pph	0.06 tpy
Toxic Air Pollutant (TAP)	0.0002 pph	0.0004 tpy
Green House Gas Emissions as Total CO2e	n/a	1,700 tpy

The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.

The owner and/or operator of the Facility is:
Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the per-mit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department’s notice will be published in the legal section of a newspaper circulated near the facility location.

Atención
Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

Notice of Non-Discrimination
NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applica-ble laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implement-ed by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED’s non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@env.nm.gov. You may also visit our website at https://www.env.nm.gov/non-employee-discrimination-complaint-page/ to learn how and where to file a complaint of discrimination.

AFFIDAVIT OF PUBLICATION

**COUNTIES OF SAN MIGUEL and MORA,
STATE OF NEW MEXICO } ss.**

Phil Scherer, Editor, being first duly sworn, on oath states that he is a Manager of the Las Vegas Optic, a semi-weekly newspaper of general paid and general circulation in San Miguel and Mora Counties, New Mexico, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of the provisions of Chapter 167, session Laws of 1937, and that payment therefor has been made and assessed as court costs. That the notice of which a copy as published is hereto attached and hereby made a part hereof was published in said newspaper once each week for 1 consecutive insertion(s). That the first publication being on the 13th day of October, 2023 and the subsequent consecutive publications on the __n/a__ day(s) of _____, 20____.

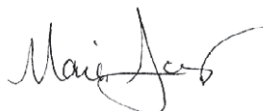
Price: \$ 172.17.

Account Number: 40484.

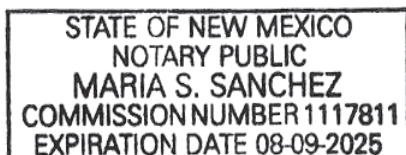


Editor

Subscribed and sworn to before me this
13th day of October, 2023.



Notary Public



NOTICE OF AIR QUALITY PERMIT APPLICATION

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM. The exact location of the Las Vegas HMA & Crusher is at Zone 13, UTM Easting 482,040 meters, UTM Northing 3,942,880 meters. The approximate location of this facility is 2.3 miles north-northeast of Las Vegas in San Miguel county.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant. The proposed construction includes raw and finish aggregate storage piles, aggregate feeder, primary crusher, secondary crusher, screen, nine (9) transfer conveyors, and three (3) stacker conveyors. The aggregate crushing and screening plant will be powered with a 261 kW (350 horsepower (hp)) generator and a 242 kW (325 horsepower (hp)) generator.

The estimated maximum quantities of any regulated air contaminant will be as follows in pound per hour (pph) and maximum tons per year (tpy) and may change slightly during the course of the Department's review:

Pollutant / Maximum Pounds per hour / Maximum Tons per year
PM 10 / 4.51 pph / 9.39 tpy
PM 2.5 / 0.81 pph / 1.72 tpy
Sulfur Dioxide (SO ₂) / 0.24 pph / 0.53 tpy
Nitrogen Oxides (NO _x) / 6.75 pph / 14.78 tpy

Carbon Monoxide (CO) / 3.88 pph / 8.51 tpy
Volatile Organic Compounds (VOC) / 0.36 pph / 0.78 tpy
Total sum of all Hazardous Air Pollutants (HAPs) / 0.03 pph / 0.06 tpy
Toxic Air Pollutant (TAP) / 0.0002 pph / 0.0004 tpy

Green House Gas Emissions as Total CO₂e / n/a / 1,700 tpy
The maximum and standard operating schedule of the facility is daylight hours, 7 days per week, and 52 weeks per year.
The owner and/or operator of the Facility is:
Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address: Permit Programs Manager; New Mexico Environment Department; Air Quality Bureau; 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico; 87505-1816. Other comments and questions may be submitted verbally. (505) 476-4300; 1 800 224-7009.

Please refer to the company name and facility name, or send a copy of this notice along with your comments, since the Department may have not yet received the permit application. Please include a legible return mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca

de las emisiones producidas
por un establecimiento
en esta área.

Si usted desea información
en español, por
favor comuníquese con
esa oficina al teléfono
505-629-3395.

Notice of Non-Discrimination
NMED does not discriminate
on the basis

of race, color, national
origin, disability, age or
sex in the administration
of its programs or
activities, as required
by applicable laws and
regulations. NMED is
responsible for coordination
of compliance
efforts and receipt of
inquiries concerning
non-discrimination requirements
implemented

by 40 C.F.R. Part 7,
including Title VI of the
Civil Rights Act of 1964,
as amended; Section
504 of the Rehabilitation
Act of 1973; the
Age Discrimination Act
of 1975, Title IX of the
Education Amendments
of 1972, and Section
13 of the Federal Water
Pollution Control Act
Amendments of 1972. If
you have any questions
about this notice or any
of NMED's non-discrimination
programs, policies
or procedures, or
if you believe that you
have been discriminated
against with respect
to a NMED program or
activity, you may contact:

Non-Discrimination
Coordinator, NMED,
1190 St. Francis Dr.,
Suite N4050, P.O.
Box 5469, Santa Fe,
NM 87502, (505) 827-
2855, [nd.coordinator@
env.nm.gov](mailto:nd.coordinator@env.nm.gov). You may
also visit our website
at [https://www.env.
nm.gov/non-employee-discrim-
ination-
complaint-
page/](https://www.env.nm.gov/non-employee-discrimination-complaint-page/) to learn
how and where to file a
complaint of discrimination.
PUB: Las Vegas Optic,
October 13, 2023
#218509

PUBLIC SERVICE ANNOUNCEMENT

Short Line, LLC announces its application submittal to the New Mexico Environment Department for a new air quality permit for an aggregate crushing and screening plant. The expected date of application submittal to the Air Quality Bureau is October 20, 2023.

The address for the new facility known as, Las Vegas HMA & Crusher, is at 1109 Airport Road, Las Vegas, NM.

The proposed Las Vegas HMA & Crusher facility includes a 200 ton per hour aggregate crushing and screening plant.

Public notices have been posted in the following locations for review by the public:

1. At Kocina De Raphael, 610 Legion Dr., Las Vegas, NM 87701;
2. At USPS West Las Vegas, 1900 Hot Springs Blvd, Las Vegas, NM 87701;
3. At USPS Las Vegas, 1001 Douglas Ave, Las Vegas, NM 87701; and
4. At the main entrance to Las Vegas HMA & Crusher at 1109 Airport Road, Las Vegas, NM

The owner and/or operator of the Facility is:

Short Line, LLC
PO Box 1499
Peralta, NM 87042

If you have any comments about the construction or operation of this facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to this address:

Permit Programs Manager
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico; 87505-1816
Telephone Number (505) 476-4300 or 1 800 224-7009



October 23, 2023

KBQL Radio
304 South Grand Ave.
Las Vegas, NM 88030

CERTIFIED MAIL

Dear KBQL Radio:

SUBJECT: PSA Request - Proposed Air Quality Construction Permit Application for Short Line LLC's Aggregate Crushing and Screening Plant at 1109 Airport Road, Las Vegas, NM.

Attached is a copy of a public service announcement regarding a proposed air quality construction permit application for Short Line LLC's Aggregate Crushing and Screening Plant. This announcement is being submitted by Montrose Environmental Solutions, Inc., Albuquerque, NM on behalf of Short Line LLC.

The announcement request is being made to fulfill the requirements of the New Mexico Environmental Department air quality permitting regulations. Please consider reading the attached announcement as a public service message.

If you have any questions or need additional information, please contact me at (505) 830-9680 ext 6 (voice), (505) 830-9678 (fax) or email at pwade@montrose-env.com. You may also contact Ms. Beverly Zastrow, Short Line LLC at (505) 892-5400.

Thank you.

Sincerely,

A handwritten signature in black ink that reads "Paul Wade".

Paul Wade
Principal/Senior Associate Engineer

Submittal of Public Service Announcement – Certification

I, Paul Wade, the undersigned, certify that on 10/23/2023, submitted a public service announcement to KBQL Radio that serves the City of Las Vegas, San Miguel County, New Mexico, in which the source is or is proposed to be located and that KOTS Radio DID NOT RESPOND THAT IT WOULD AIR THE ANNOUNCEMENT.

Signed this 23 day of Oct, 2023.

Paul Wade
Signature

10/23/2023
Date

Paul Wade
Printed Name

Air Quality Consultant – Montrose Environmental Solutions, Inc.
Title {APPLICANT OR RELATIONSHIP TO APPLICANT}

7022 3330 0001 7203 8184

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ **4.35**

Extra Services & Fees (check box, add fee as appropriate)

- | | | |
|--|----|--|
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ | |
| <input type="checkbox"/> Return Receipt (electronic) | \$ | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ | |
| <input type="checkbox"/> Adult Signature Required | \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ | |

Postage

\$ **0.163**

Total Postage and Fees

\$ **4.98**

Sent To

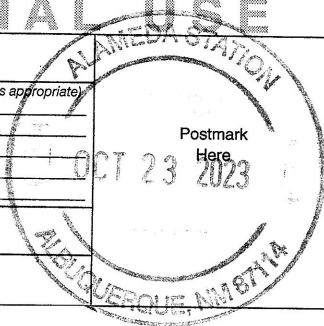
KBQL Radio

Street &

304 South Grand Ave.

City, St

Las Vegas, NM 88030



PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Section 10

Written Description of the Routine Operations of the Facility

A written description of the routine operations of the facility. Include a description of how each piece of equipment will be operated, how controls will be used, and the fate of both the products and waste generated. For modifications and/or revisions, explain how the changes will affect the existing process. In a separate paragraph describe the major process bottlenecks that limit production. The purpose of this description is to provide sufficient information about plant operations for the permit writer to determine appropriate emission sources.

The Short Line LLC's Las Vegas Aggregate Crusher & Screening plant consists of storage material piles, a feeder/primary crusher with under conveyors, a secondary crusher with under conveyor, a screen with under conveyors, three (3) conveyors, three (3) stacker conveyors, a 350 horsepower (HP) diesel-fired engine to power the feeder and primary crusher, and a 325 HP diesel-fired generator/engine to power the rest of the plant.

From the raw material source onsite (RAW), a front-end loader transfers aggregate/recycle into the feeder (Unit 1). From the feeder, waste material is transferred by the waste conveyor (Unit 2) to a storage pile (Unit 11) or crushed in the Primary Crusher (Unit 3). Crushed material from the primary crusher is conveyed (Unit 4) to the Secondary Crusher (Unit 5) for further crushing. From the secondary crusher, crushed material is conveyed (Unit 6) to the Screen (Unit 7). Oversized material from the screen is returned by stacker conveyor 1 (Unit 8) to the Secondary Crusher (Unit 5) for further sizing. Product from the screen is transferred on to one of two Stacker Conveyors (Units 9 and 10) on one of two storage piles (Unit 11). Material is transported by front-end loader from the product storage piles to the finish storage piles (FPILE).

Fugitive dust generated during aggregate processing will be controlled by the inherent moisture content of the material and a "Wet Dust Suppression System" to no more than 7% opacity at screening and conveyor transfer points and 12% opacity at crushing operations. No fugitive dust controls are proposed for the raw material storage piles (Unit RAW), feeder loading (Unit 1) or finish storage piles (Unit FPILE).

The feeder/primary crusher will be powered by a 350 hp diesel-fired engine (Unit 12) and the rest of the plant will be powered by a 325 hp diesel-fired engine (Unit 13). No emission controls are proposed for the generator/engines.

The Short Line LLC Las Vegas Aggregate Crushing & Screening plant will be permitted to co-located with a hot mix asphalt plant identified as Short Line LLC's Las Vegas HMA. The Las Vegas HMA has submitted a separate 20.2.72 NMAC permit application that is going through technical review.

Truck traffic (14) will be limited to 252 trucks per day. Fugitive road dust will be controlled by basecourse and watering to reduce excess fugitive emissions.

A process flow diagram is presented as Figure 4-1 in Section 4. A facility layout is presented as Figure 5-1 in Section 5.

Section 11

Source Determination

Source submitting under 20.2.70, 20.2.72, 20.2.73, and 20.2.74 NMAC

Sources applying for a construction permit, PSD permit, or operating permit shall evaluate surrounding and/or associated sources (including those sources directly connected to this source for business reasons) and complete this section. Responses to the following questions shall be consistent with the Air Quality Bureau's permitting guidance, Single Source Determination Guidance, which may be found on the Applications Page in the Permitting Section of the Air Quality Bureau website.

Typically, buildings, structures, installations, or facilities that have the same SIC code, that are under common ownership or control, and that are contiguous or adjacent constitute a single stationary source for 20.2.70, 20.2.72, 20.2.73, and 20.2.74 NMAC applicability purposes. Submission of your analysis of these factors in support of the responses below is optional, unless requested by NMED.

A. Identify the emission sources evaluated in this section (list and describe): Aggregate crushing and screening plant - produce aggregate and recycled material, co-located Hot Mix Asphalt Plant

B. Apply the 3 criteria for determining a single source:

SIC Code: Surrounding or associated sources belong to the same 2-digit industrial grouping (2-digit SIC code) as this facility, OR surrounding or associated sources that belong to different 2-digit SIC codes are support facilities for this source.

☐ Yes ☒ No

Common Ownership or Control: Surrounding or associated sources are under common ownership or control as this source.

☒ Yes ☐ No

Contiguous or Adjacent: Surrounding or associated sources are contiguous or adjacent with this source.

☒ Yes ☐ No

C. Make a determination:

- ☒ The source, as described in this application, constitutes the entire source for 20.2.70, 20.2.72, 20.2.73, or 20.2.74 NMAC applicability purposes. If in "A" above you evaluated only the source that is the subject of this application, all **"YES"** boxes should be checked. If in "A" above you evaluated other sources as well, you must check **AT LEAST ONE** of the boxes **"NO"** to conclude that the source, as described in the application, is the entire source for 20.2.70, 20.2.72, 20.2.73, and 20.2.74 NMAC applicability purposes.
- ☐ The source, as described in this application, **does not** constitute the entire source for 20.2.70, 20.2.72, 20.2.73, or 20.2.74 NMAC applicability purposes (A permit may be issued for a portion of a source). The entire source consists of the following facilities or emissions sources (list and describe):

Section 12

Section 12.A

PSD Applicability Determination for All Sources

(Submitting under 20.2.72, 20.2.74 NMAC)

A PSD applicability determination for all sources. For sources applying for a significant permit revision, apply the applicable requirements of 20.2.74.AG and 20.2.74.200 NMAC and to determine whether this facility is a major or minor PSD source, and whether this modification is a major or a minor PSD modification. It may be helpful to refer to the procedures for Determining the Net Emissions Change at a Source as specified by Table A-5 (Page A.45) of the EPA New Source Review Workshop Manual to determine if the revision is subject to PSD review.

A. This facility is:

- ☒ a minor PSD source before and after this modification (if so, delete C and D below).
- ☐ a major PSD source before this modification. This modification will make this a PSD minor source.
- ☐ an existing PSD Major Source that has never had a major modification requiring a BACT analysis.
- ☐ an existing PSD Major Source that has had a major modification requiring a BACT analysis
- ☐ a new PSD Major Source after this modification.

B. This facility is not one of the listed 20.2.74.501 Table I – PSD Source Categories:

- a. NOx: 14.8 TPY
- b. CO: 8.5 TPY
- c. VOC: 0.78 TPY
- d. SOx: 0.53 TPY
- e. PM: 23.8 TPY
- f. PM10: 9.4 TPY
- g. PM2.5: 1.7 TPY
- h. Fluorides: 0.0 TPY
- i. Lead: 0.000087 TPY
- j. Sulfur compounds (listed in Table 2): 0.0 TPY
- k. GHG: 1700 TPY

Section 13

Determination of State & Federal Air Quality Regulations

This section lists each state and federal air quality regulation that may apply to your facility and/or equipment that are stationary sources of regulated air pollutants.

Not all state and federal air quality regulations are included in this list. Go to the Code of Federal Regulations (CFR) or to the Air Quality Bureau's regulation page to see the full set of air quality regulations.

Required Information for Specific Equipment:

For regulations that apply to specific source types, in the 'Justification' column **provide any information needed to determine if the regulation does or does not apply. For example**, to determine if emissions standards at 40 CFR 60, Subpart IIII apply to your three identical stationary engines, we need to know the construction date as defined in that regulation; the manufacturer date; the date of reconstruction or modification, if any; if they are or are not fire pump engines; if they are or are not emergency engines as defined in that regulation; their site ratings; and the cylinder displacement.

Required Information for Regulations that Apply to the Entire Facility:

See instructions in the 'Justification' column for the information that is needed to determine if an 'Entire Facility' type of regulation applies (e.g. 20.2.70 or 20.2.73 NMAC).

Regulatory Citations for Regulations That Do Not, but Could Apply:

If there is a state or federal air quality regulation that does not apply, but you have a piece of equipment in a source category for which a regulation has been promulgated, you must **provide the low level regulatory citation showing why your piece of equipment is not subject to or exempt from the regulation. For example** if you have a stationary internal combustion engine that is not subject to 40 CFR 63, Subpart ZZZZ because it is an existing 2 stroke lean burn stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, your citation would be 40 CFR 63.6590(b)(3)(i). **We don't want a discussion of every non-applicable regulation, but if it is possible a regulation could apply, explain why it does not. For example**, if your facility is a power plant, you do not need to include a citation to show that 40 CFR 60, Subpart OOO does not apply to your non-existent rock crusher.

Regulatory Citations for Emission Standards:

For each unit that is subject to an emission standard in a source specific regulation, such as 40 CFR 60, Subpart OOO or 40 CFR 63, Subpart HH, include the low level regulatory citation of that emission standard. Emission standards can be numerical emission limits, work practice standards, or other requirements such as maintenance. **Here are examples:** a glycol dehydrator is subject to the general standards at 63.764C(1)(i) through (iii); an engine is subject to 63.6601, Tables 2a and 2b; a crusher is subject to 60.672(b), Table 3 and all transfer points are subject to 60.672(e)(1)

Federally Enforceable Conditions:

All federal regulations are federally enforceable. All Air Quality Bureau State regulations are federally enforceable except for the following: affirmative defense portions at 20.2.7.6.B, 20.2.7.110(B)(15), 20.2.7.11 through 20.2.7.113, 20.2.7.115, and 20.2.7.116; 20.2.37; 20.2.42; 20.2.43; 20.2.62; 20.2.63; 20.2.86; 20.2.89; and 20.2.90 NMAC. Federally enforceable means that EPA can enforce the regulation as well as the Air Quality Bureau and federally enforceable regulations can count toward determining a facility's potential to emit (PTE) for the Title V, PSD, and nonattainment permit regulations.

INCLUDE ANY OTHER INFORMATION NEEDED TO COMPLETE AN APPLICABILITY DETERMINATION OR THAT IS RELEVANT TO YOUR FACILITY'S NOTICE OF INTENT OR PERMIT.

EPA Applicability Determination Index for 40 CFR 60, 61, 63, etc: <http://cfpub.epa.gov/adi/>

Table for State Regulations:

State Regulation Citation	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.1 NMAC	General Provisions	Yes	Facility	General Provisions apply to Notice of Intent, Construction, and Title V permit applications.
20.2.3 NMAC	Ambient Air Quality Standards NMAAQs	Yes	Facility	20.2.3 NMAC is a State Implementation Plan (SIP) approved regulation that limits the maximum allowable concentration of, Sulfur Compounds, Carbon Monoxide and Nitrogen Dioxide.
20.2.7 NMAC	Excess Emissions	Yes	Facility	This facility is subject to emissions limits in a permit or numerical emissions standards in a federal or state regulation.
20.2.61.109 NMAC	Smoke & Visible Emissions	Yes	12, 13	Units 12 and 13 is limited to opacity of 20% per 20.2.61.109 NMAC.
20.2.70 NMAC	Operating Permits	No	Facility	The facility does not have potential to emit (PTE) of 100 tpy or more of any regulated air pollutant other than HAPs; and/or a HAPs PTE of 10 tpy or more for a single HAP or 25 or more tpy for combined HAPs
20.2.71 NMAC	Operating Permit Fees	No	Facility	If subject to 20.2.70 NMAC and your permit includes numerical ton per year emission limits, you are subject to 20.2.71 NMAC and normally applies to the entire facility.
20.2.72 NMAC	Construction Permits	Yes	Facility	Short Line is applicable to "Construction Permit" 20.2.72 NMAC.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	The facility is applicable to the Emissions Inventory Reporting per 20.2.73.300 NMAC since the facility is subject to 20.2.72.
20.2.74 NMAC	Permits – Prevention of Significant Deterioration (PSD)	No	Facility	The facility is not a major PSD source
20.2.75 NMAC	Construction Permit Fees	Yes	Facility	This regulation applies to this facility since Short Line is applying for a permit pursuant to 20.2.72 NMAC.
20.2.77 NMAC	New Source Performance	Yes	2,3,4,5, 6,7,8,9, 10,11, 12,13	This is a stationary source which is subject to the requirements of 40 CFR Part 60, Subpart OOO or stationary sources subject to the requirements of 40 CFR Part 60, Subpart IIII.
20.2.78 NMAC	Emission Standards for HAPS	No	Units Subject to 40 CFR 61	This facility does not emit hazardous air pollutants which are subject to the requirements of 40 CFR Part 61.
20.2.80 NMAC	Stack Heights	No		No citation applicable.
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	12, 13	This facility is potentially subject to the requirements of 40 CFR Part 63, Subpart ZZZZ.

Table for Applicable Federal Regulations:

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
40 CFR 50	NAAQS	Yes	Facility	Defined as applicable at 20.2.72, Any national ambient air quality standard
NSPS 40 CFR 60, Subpart A	General Provisions	Yes	2,3,4,5, 6,7,8,9, 10,11, 12,13	Subparts IIII and OOO in 40 CFR 60 apply to this facility.
NSPS 40 CFR 60, Subpart 000	Standards of Performance for Nonmetallic Mineral Processing Plants	Yes	2,3,4,5, 6,7,8,9, 10,11	The provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.
NSPS 40 CFR 60 Subpart IIII	Standards of performance for Stationary Compression Ignition Internal Combustion Engines	Yes	12, 13	If the plant is only located at the site for less than 12 months, the plant engine is defined by EPA as a "non-road" engine, and as such is not applicable to 40 CFR Part 60 Subpart IIII. If the plant operates at the site for more than 12 months, Units 12 and 13 would then be applicable to Subpart IIII.
NESHAP 40 CFR 61 Subpart A	General Provisions	No	Units Subject to 40 CFR 61	Applies if any other Subpart in 40 CFR 61 applies.
MACT 40 CFR 63, Subpart A	General Provisions	Yes	12, 13	Applies if any other Subpart in 40 CFR 63 applies.
MACT 40 CFR 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE MACT)	Yes	12, 13	If the plant is only located at the site for less than 12 months, the plant engine is defined by EPA as a "non-road" engine, and as such is not applicable to 40 CFR Part 63 Subpart ZZZZ. If the plant operates at the site for more than 12 months, Units 12 and 13 would then be applicable to Subpart ZZZZ. If Unit 10 meets the requirement of Subpart IIII it also meets the requirement of Subpart ZZZZ.

Section 14

Operational Plan to Mitigate Emissions

(Submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

- ☐ **Title V Sources** (20.2.70 NMAC): By checking this box and certifying this application the permittee certifies that it has developed an Operational Plan to Mitigate Emissions During Startups, Shutdowns, and Emergencies defining the measures to be taken to mitigate source emissions during startups, shutdowns, and emergencies as required by 20.2.70.300.D.5(f) and (g) NMAC. This plan shall be kept on site to be made available to the Department upon request. This plan should not be submitted with this application.
- ☒ **NSR** (20.2.72 NMAC), **PSD** (20.2.74 NMAC) & **Nonattainment** (20.2.79 NMAC) **Sources:** By checking this box and certifying this application the permittee certifies that it has developed an Operational Plan to Mitigate Source Emissions During Malfunction, Startup, or Shutdown defining the measures to be taken to mitigate source emissions during malfunction, startup, or shutdown as required by 20.2.72.203.A.5 NMAC. This plan shall be kept on site to be made available to the Department upon request. This plan should not be submitted with this application.
- ☒ **Title V** (20.2.70 NMAC), **NSR** (20.2.72 NMAC), **PSD** (20.2.74 NMAC) & **Nonattainment** (20.2.79 NMAC) **Sources:** By checking this box and certifying this application the permittee certifies that it has established and implemented a Plan to Minimize Emissions During Routine or Predictable Startup, Shutdown, and Scheduled Maintenance through work practice standards and good air pollution control practices as required by 20.2.7.14.A and B NMAC. This plan shall be kept on site or at the nearest field office to be made available to the Department upon request. This plan should not be submitted with this application.
-

Startups and Shutdowns

For material processing equipment at the Short Line, LLC's Las Vegas Aggregate Crusher & Screening, Short Line will follow normal industry practices in minimizing emissions during startup and shutdown. During startup of the plant all control devices (addition of moisture and/or water sprays) will be operating prior to beginning production. Prior to the shutdown of any control devices, material transfers for that system will end. Scheduled maintenance will occur during off production periods. No startup or shutdown emissions are proposed for this facility.

Malfunctions Operational Plan

During malfunctions, where excessive emissions are observed, the operator will complete successful repairs in a timely manner depending on replacement part availability.

Section 15

Alternative Operating Scenarios

(Submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

Alternative Operating Scenarios: Provide all information required by the department to define alternative operating scenarios. This includes process, material and product changes; facility emissions information; air pollution control equipment requirements; any applicable requirements; monitoring, recordkeeping, and reporting requirements; and compliance certification requirements. Please ensure applicable Tables in this application are clearly marked to show alternative operating scenario.

Construction Scenarios: When a permit is modified authorizing new construction to an existing facility, NMED includes a condition to clearly address which permit condition(s) (from the previous permit and the new permit) govern during the interval between the date of issuance of the modification permit and the completion of construction of the modification(s). There are many possible variables that need to be addressed such as: Is simultaneous operation of the old and new units permitted and, if so for example, for how long and under what restraints? In general, these types of requirements will be addressed in Section A100 of the permit, but additional requirements may be added elsewhere. Look in A100 of our NSR and/or TV permit template for sample language dealing with these requirements. Find these permit templates at: www.env.nm.gov/air-quality/permitting-section-procedures-and-guidance/. Compliance with standards must be maintained during construction, which should not usually be a problem unless simultaneous operation of old and new equipment is requested.

In this section, under the bolded title "Construction Scenarios", specify any information necessary to write these conditions, such as: conservative-realistic estimated time for completion of construction of the various units, whether simultaneous operation of old and new units is being requested (and, if so, modeled), whether the old units will be removed or decommissioned, any PSD ramifications, any temporary limits requested during phased construction, whether any increase in emissions is being requested as SSM emissions or will instead be handled as a separate Construction Scenario (with corresponding emission limits and conditions, etc.

NA

Section 16

Air Dispersion Modeling

- 1) Minor Source Construction (20.2.72 NMAC) and Prevention of Significant Deterioration (PSD) (20.2.74 NMAC) ambient impact analysis (modeling): Provide an ambient impact analysis as required at 20.2.72.203.A(4) and/or 20.2.74.303 NMAC and as outlined in the Air Quality Bureau's Dispersion Modeling Guidelines found on the Planning Section's modeling website. If air dispersion modeling has been waived for one or more pollutants, attach the AQB Modeling Section modeling waiver approval documentation.
- 2) SSM Modeling: Applicants must conduct dispersion modeling for the total short term emissions during routine or predictable startup, shutdown, or maintenance (SSM) using realistic worst case scenarios following guidance from the Air Quality Bureau's dispersion modeling section. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions modeling requirements.
- 3) Title V (20.2.70 NMAC) ambient impact analysis: Title V applications must specify the construction permit and/or Title V Permit number(s) for which air quality dispersion modeling was last approved. Facilities that have only a Title V permit, such as landfills and air curtain incinerators, are subject to the same modeling required for preconstruction permits required by 20.2.72 and 20.2.74 NMAC.

What is the purpose of this application?	Enter an X for each purpose that applies
New PSD major source or PSD major modification (20.2.74 NMAC). See #1 above.	
New Minor Source or significant permit revision under 20.2.72 NMAC (20.2.72.219.D NMAC). See #1 above. Note: Neither modeling nor a modeling waiver is required for VOC emissions.	X
Reporting existing pollutants that were not previously reported.	
Reporting existing pollutants where the ambient impact is being addressed for the first time.	
Title V application (new, renewal, significant, or minor modification. 20.2.70 NMAC). See #3 above.	
Relocation (20.2.72.202.B.4 or 72.202.D.3.c NMAC)	
Minor Source Technical Permit Revision 20.2.72.219.B.1.d.vi NMAC for like-kind unit replacements.	
Other: i.e. SSM modeling. See #2 above.	
This application does not require modeling since this is a No Permit Required (NPR) application.	
This application does not require modeling since this is a Notice of Intent (NOI) application (20.2.73 NMAC).	
This application does not require modeling according to 20.2.70.7.E(11), 20.2.72.203.A(4), 20.2.74.303, 20.2.79.109.D NMAC and in accordance with the Air Quality Bureau's Modeling Guidelines.	

Check each box that applies:

- ☐ See attached, approved modeling **waiver for all** pollutants from the facility.
- ☐ See attached, approved modeling **waiver for some** pollutants from the facility.
- ☒ Attached in Universal Application Form 4 (UA4) is a **modeling report for all** pollutants from the facility.
- ☐ Attached in UA4 is a **modeling report for some** pollutants from the facility.
- ☐ No modeling is required.

Universal Application 4

Air Dispersion Modeling Report

Refer to and complete Section 16 of the Universal Application form (UA3) to assist your determination as to whether modeling is required. If, after filling out Section 16, you are still unsure if modeling is required, e-mail the completed Section 16 to the AQB Modeling Manager for assistance in making this determination. If modeling is required, a modeling protocol would be submitted and approved prior to an application submittal. The protocol should be emailed to the modeling manager. A protocol is recommended but optional for minor sources and is required for new PSD sources or PSD major modifications. Fill out and submit this portion of the Universal Application form (UA4), the "Air Dispersion Modeling Report", only if air dispersion modeling is required for this application submittal. This serves as your modeling report submittal and should contain all the information needed to describe the modeling. No other modeling report or modeling protocol should be submitted with this permit application.

16-A: Identification

1	Name of facility:	Las Vegas Aggregate Crusher & Screening
2	Name of company:	Short Line, LLC
3	Current Permit number:	New Permit
4	Name of applicant's modeler:	Paul Wade
5	Phone number of modeler:	505-830-9680 x6
6	E-mail of modeler:	pwade@montrose-env.com

16-B: Brief

1	Was a modeling protocol submitted and approved?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2	Why is the modeling being done?	New Facility	
3	Describe the permit changes relevant to the modeling.		
	New facility consisting of a new HMA plant and crushing and screening plant each operating under a different permit		
4	What geodetic datum was used in the modeling?	NAD83	
5	How long will the facility be at this location?	Permanent, Can Relocate	
6	Is the facility a major source with respect to Prevention of Significant Deterioration (PSD)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

7	Identify the Air Quality Control Region (AQCR) in which the facility is located	154
8	List the PSD baseline dates for this region (minor or major, as appropriate).	
	NO2	NA
	SO2	NA
	PM10	NA
	PM2.5	NA
9	Provide the name and distance to Class I areas within 50 km of the facility (300 km for PSD permits).	
	Pecos Wilderness Area, 20.7 km	
10	Is the facility located in a non-attainment area? If so describe below	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
11	Describe any special modeling requirements, such as streamline permit requirements.	

16-C: Modeling History of Facility

1	Describe the modeling history of the facility, including the air permit numbers, the pollutants modeled, the National Ambient Air Quality Standards (NAAQS), New Mexico AAQS (NMAAQs), and PSD increments modeled. (Do not include modeling waivers).			
	Pollutant	Latest permit and modification number that modeled the pollutant facility-wide.	Date of Permit	Comments
	CO	NA		New Permit
	NO ₂	NA		New Permit
	SO ₂	NA		New Permit
	H ₂ S	NA		New Permit
	PM2.5	NA		New Permit
	PM10	NA		New Permit
	Lead	N/A		
	Ozone (PSD only)	N/A		
	NM Toxic Air Pollutants (20.2.72.402 NMAC)	NA		New Permit

16-D: Modeling performed for this application

1	For each pollutant, indicate the modeling performed and submitted with this application. Choose the most complicated modeling applicable for that pollutant, i.e., culpability analysis assumes ROI and cumulative analysis were also performed.					
	Pollutant	ROI	Cumulative analysis	Culpability analysis	Waiver approved	Pollutant not emitted or not changed.

	CO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NO ₂	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SO ₂	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H ₂ S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	PM _{2.5}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM ₁₀	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ozone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	State air toxic(s) (20.2.72.402 NMAC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16-E: New Mexico toxic air pollutants modeling

1	List any New Mexico toxic air pollutants (NMTAPs) from Tables A and B in 20.2.72.502 NMAC that are modeled for this application.					
2	List any NMTAPs that are emitted but not modeled because stack height correction factor. Add additional rows to the table below, if required.					
	Pollutant	Emission Rate (pounds/hour)	Emission Rate Screening Level (pounds/hour)	Stack Height (meters)	Correction Factor	Emission Rate/ Correction Factor

16-F: Modeling options

1	Was the latest version of AERMOD used with regulatory default options? If not explain below.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

16-G: Surrounding source modeling

1	Date of surrounding source retrieval	6/1/2023
2	If the surrounding source inventory provided by the Air Quality Bureau was believed to be inaccurate, describe how the sources modeled differ from the inventory provided. If changes to the surrounding source inventory were made, use the table below to describe them. Add rows as needed.	
	AQB Source ID	Description of Corrections

16-H: Building and structure downwash

1	How many buildings are present at the facility?	6 – HMA Plant	
2	How many above ground storage tanks are present at the facility?	1 – HMA Plant	
3	Was building downwash modeled for all buildings and tanks? If not explain why below.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
4	Building comments		

16-I: Receptors and modeled property boundary

1	<p>“Restricted Area” is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with a steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area. A Restricted Area is required in order to exclude receptors from the facility property. If the facility does not have a Restricted Area, then receptors shall be placed within the property boundaries of the facility.</p> <p>Describe the fence or other physical barrier at the facility that defines the restricted area.</p> <p>Fencing and Gates restrict access</p>					
2	Receptors must be placed along publicly accessible roads in the restricted area. Are there public roads passing through the restricted area?				Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3	Are restricted area boundary coordinates included in the modeling files?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
4	Describe the receptor grids and their spacing. The table below may be used, adding rows as needed.					
	Grid Type	Shape	Spacing	Start distance from restricted area or center of facility	End distance from restricted area or center of facility	Comments
	Very Fine	Fence Following	50	0	500	
	Very Fine	Fence Following	100	500	1000	
	Fine	Fence Following	250	1000	3000	
	Fine	Fence Following	500	3000	5000	
	Course	Fence Following	1000	5000	50000	
5	Describe receptor spacing along the fence line.					
	25 meters					
	Describe the PSD Class I area receptors.					

6	NA
---	----

16-J: Sensitive areas

1	Are there schools or hospitals or other sensitive areas near the facility? If so describe below. This information is optional (and purposely undefined) but may help determine issues related to public notice.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3	The modeling review process may need to be accelerated if there is a public hearing. Are there likely to be public comments opposing the permit application?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

16-K: Modeling Scenarios

1	Identify, define, and describe all modeling scenarios. Examples of modeling scenarios include using different production rates, times of day, times of year, simultaneous or alternate operation of old and new equipment during transition periods, etc. Alternative operating scenarios should correspond to all parts of the Universal Application and should be fully described in Section 15 of the Universal Application (UA3).		
	None		
2	Which scenario produces the highest concentrations? Why?		
	NA		
3	Were emission factor sets used to limit emission rates or hours of operation? (This question pertains to the "SEASON", "MONTH", "HROFDY" and related factor sets, not to the factors used for calculating the maximum emission rate.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
4	If so, describe factors for each group of sources. List the sources in each group before the factor table for that group. (Modify or duplicate table as necessary. It's ok to put the table below section 16-K if it makes formatting easier.) Sources: Daylight Hours all sources except Asphalt Heater (Unit 10) and Asphalt Cement Storage Tank (Unit 11). For Units 10 and 11, sources will be permitted to operate 24 hours per day.		

HMA/Aggregate Crushing and Screening Plant Production Hours of Operation (MST)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 AM	0	0	0	1	1	1	1	1	0.5	0	0	0	
6:00 AM	0	0.5	1	1	1	1	1	1	1	1	0.5	0	
7:00 AM	1	1	1	1	1	1	1	1	1	1	1	1	
8:00 AM	1	1	1	1	1	1	1	1	1	1	1	1	
9:00 AM	1	1	1	1	1	1	1	1	1	1	1	1	
10:00 AM	1	1	1	1	1	1	1	1	1	1	1	1	
11:00 AM	1	1	1	1	1	1	1	1	1	1	1	1	
12:00 PM	1	1	1	1	1	1	1	1	1	1	1	1	
1:00 PM	1	1	1	1	1	1	1	1	1	1	1	1	
2:00 PM	1	1	1	1	1	1	1	1	1	1	1	1	
3:00 PM	1	1	1	1	1	1	1	1	1	1	1	1	
4:00 PM	1	1	1	1	1	1	1	1	1	1	1	1	
5:00 PM	0.5	1	1	1	1	1	1	1	1	1	0	0	
6:00 PM	0	0	0	1	1	1	1	1	0.5	0	0	0	
7:00 PM	0	0	0	0	0	0.5	0.5	0	0	0	0	0	
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	
Total	10.5	11.5	12	14	14	14.5	14.5	14	13	12	10.5	10	

If hourly, variable emission rates were used that were not described above, describe them below.

None

6	Were different emission rates used for short-term and annual modeling? If so describe below.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

16-L: NO₂ Modeling

1	Which types of NO ₂ modeling were used? Check all that apply.	
	<input checked="" type="checkbox"/>	ARM2
	<input type="checkbox"/>	100% NO _x to NO ₂ conversion

	<input type="checkbox"/>	PVMRM
	<input type="checkbox"/>	OLM
	<input type="checkbox"/>	Other:
2	Describe the NO ₂ modeling.	
	Both ROI and Cumulative analysis were run using ARM2	
3	Were default NO ₂ /NO _x ratios (0.5 minimum, 0.9 maximum or equilibrium) used? If not describe and justify the ratios used below.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
4	Describe the design value used for each averaging period modeled.	
	1-hour: 98th percentile as calculated by AERMOD Annual: Highest Annual Average of Three Years	

16-M: Particulate Matter Modeling

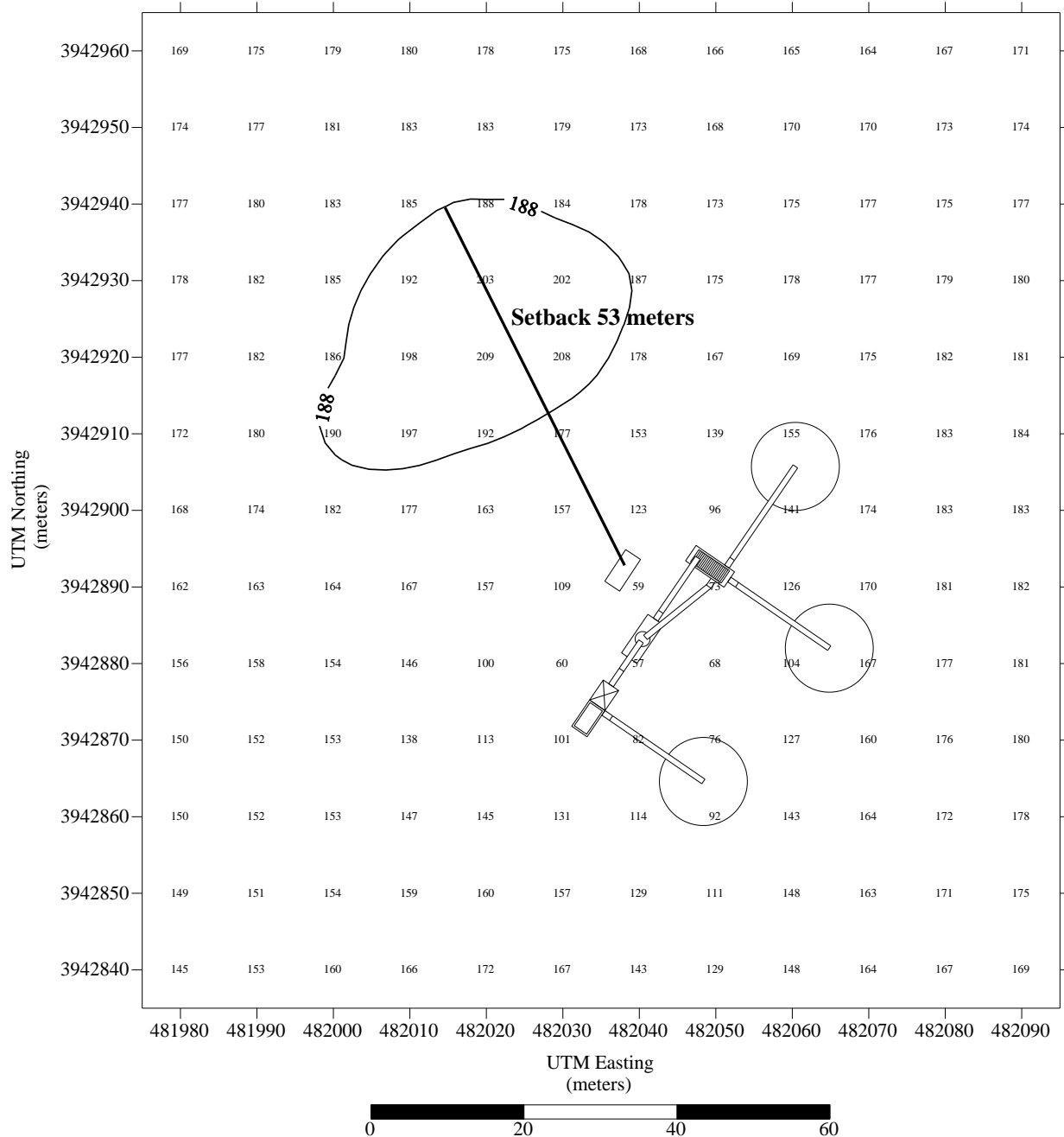
1	Select the pollutants for which plume depletion modeling was used.		
	<input type="checkbox"/>	PM2.5	
	<input type="checkbox"/>	PM10	
	<input checked="" type="checkbox"/>	None	
2	Describe the particle size distributions used. Include the source of information.		
3	Does the facility emit at least 40 tons per year of NO _x or at least 40 tons per year of SO ₂ ? Sources that emit at least 40 tons per year of NO _x or at least 40 tons per year of SO ₂ are considered to emit significant amounts of precursors and must account for secondary formation of PM2.5.		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
4	Was secondary PM modeled for PM2.5?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
5	If MERPs were used to account for secondary PM2.5 fill out the information below. If another method was used describe below.		
	NO _x (ton/yr)	SO ₂ (ton/yr)	[PM2.5] _{annual}

16-N: Setback Distances

1	Portable sources or sources that need flexibility in their site configuration requires that setback distances be determined between the emission sources and the restricted area boundary (e.g. fence line) for both the initial location and future locations. Describe the setback distances for the initial location.
	All setback modeling including background, with the exception of NO ₂ 1 hour setback model, results were below the NAAQS.

Describe the requested, modeled, setback distances for future locations, if this permit is for a portable stationary source. Include a haul road in the relocation modeling.

The contour map below shows the results of the NO₂ 1 hour modeling for the crushing and screening plant. The background used was for Navajo Dam at 43.9 µg/m³. The setback distance is 53 meters from the nearest NO₂ source to the furthest contour point where the NO₂ model results exceed the NAAQS.



16-O: PSD Increment and Source IDs

1	The unit numbers in the Tables 2-A, 2-B, 2-C, 2-E, 2-F, and 2-I should match the ones in the modeling files. Do these match? If not, provide a cross-reference table between unit numbers if they do not match below.		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Unit #	Model ID	Description	
	HMA Plant			
	7	HMASTK	HMA Baghouse Stack	
	10	HMAHEAT	HMA Asphalt Cement Heater	
	8	DRUMUNL	HMA Asphalt Silo Loading	
	9	HMASILO	HMA Asphalt Silo Unloading	
	12	HMAGEN	HMA Generator	
	AGGPILE	HMAPILE1	HMA Storage Pile Handling 1	
	AGGPILE	HMAPILE2	HMA Storage Pile Handling 2	
	AGGPILE	HMAPILE3	HMA Storage Pile Handling 3	
	AGGPILE	HMAPILE4	HMA Storage Pile Handling 4	
	AGGPILE	HMAPILE5	HMA Storage Pile Handling 5	
	1	HMABIN1	HMA 1 Bin Loading (3 Bins)	
	1	HMABIN2	HMA 1 Bin Loading (3 Bins)	
	2	HMATP1	HMA Bin 1 Unloading	
	2	HMATP2	HMA Bin 2 Unloading	
	4	HMASCR	HMA Scalping Screen	
	5	HMATP3	HMA Scalping Screen Unloading	
	6	HMATP4	HMA Conveyor Transfer to Drum Conveyor	
	11	ASPTANK	Asphalt Cement Storage Tank	
	13	HR_0001-0049	HMA Haul Road Volume 1-49	
	YARD	HR_0027-0049	HMA Yard	
	Crushing and Screening Plant			
	12	GEN1	Crusher Generator 1	
	13	GEN2	Crusher Generator 2	
	RAW	RAW	Raw Material Piles	
	1	FEED	Feeder	
	2	TP1	Waste Conveyor	
	3	PCRS	Primary Crusher	
4	TP2	Primary Crusher Conveyor		
5	SCRS	Secondary Crusher		
6	TP3	Secondary Crusher Conveyor		
7	SCR	Screen		
8	TP4	Screen Conveyor		
9	TP5	Screen Conveyor		
10	TP6	Screen Conveyor		
11	STK1	Stacker Conveyor Drop to Pile		
11	STK2	Stacker Conveyor Drop to Pile		
11	STK3	Stacker Conveyor Drop to Pile		

	FPILE	FP	Finish Piles	
	14	CR_0001-0023	Crusher Haul Road Volume 1-23	
2	The emission rates in the Tables 2-E and 2-F should match the ones in the modeling files. Do these match? If not, explain why below.			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3	Have the minor NSR exempt sources or Title V Insignificant Activities" (Table 2-B) sources been modeled?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
4	Which units consume increment for which pollutants?			
	Unit ID	NO ₂	SO ₂	PM10
	NA			
5	PSD increment description for sources. (for unusual cases, i.e., baseline unit expanded emissions after baseline date).		NA	
6	Are all the actual installation dates included in Table 2A of the application form, as required? This is necessary to verify the accuracy of PSD increment modeling. If not please explain how increment consumption status is determined for the missing installation dates below.			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

16-P: Flare Modeling

1	For each flare or flaring scenario, complete the following			
	Flare ID (and scenario)	Average Molecular Weight	Gross Heat Release (cal/s)	Effective Flare Diameter (m)
	NA			

16-Q: Volume and Related Sources

1	Were the dimensions of volume sources different from standard dimensions in the Air Quality Bureau (AQB) Modeling Guidelines? If not please explain how increment consumption status is determined for the missing installation dates below.			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2	Describe the determination of sigma-Y and sigma-Z for fugitive sources. For storage piles the model inputs were based on the size of the pile (100 feet)/4.3 (sigma-Y) and a release height of 8 feet or a sigma-Z of 8ft*2/2.15. All others followed standard dimensions from Air Quality Bureau (AQB) Modeling Guidelines.			
3	Describe how the volume sources are related to unit numbers. Or say they are the same.			
	Unit #	Model ID	Description	
	HMA Plant			

	AGGPILE	HMAPILE1	HMA Storage Pile Handling 1
	AGGPILE	HMAPILE2	HMA Storage Pile Handling 2
	AGGPILE	HMAPILE3	HMA Storage Pile Handling 3
	AGGPILE	HMAPILE4	HMA Storage Pile Handling 4
	AGGPILE	HMAPILE5	HMA Storage Pile Handling 5
	1	HMABIN1	HMA 1 Bin Loading (3 Bins)
	1	HMABIN2	HMA 1 Bin Loading (3 Bins)
	2	HMATP1	HMA Bin 1 Unloading
	2	HMATP2	HMA Bin 2 Unloading
	4	HMASCR	HMA Scalping Screen
	5	HMATP3	HMA Scalping Screen Unloading
	6	HMATP4	HMA Conveyor Transfer to Drum Conveyor
	11	ASPHTANK	Asphalt Cement Storage Tank
	13	HR_0001-0049	HMA Haul Road Volume 1-49
	YARD	HR_0027-0049	HMA Yard
	Crushing and Screening Plant		
	RAW	RAW	Raw Material Piles
	1	FEED	Feeder
	2	TP1	Waste Conveyor
	3	PCRS	Primary Crusher
	4	TP2	Primary Crusher Conveyor
	5	SCRS	Secondary Crusher
	6	TP3	Secondary Crusher Conveyor
	7	SCR	Screen
	8	TP4	Screen Conveyor
	9	TP5	Screen Conveyor
	10	TP6	Screen Conveyor
	11	STK1	Stacker Conveyor Drop to Pile
11	STK2	Stacker Conveyor Drop to Pile	
11	STK3	Stacker Conveyor Drop to Pile	
FPILE	FP	Finish Piles	
14	CR_0001-0023	Crusher Haul Road Volume 1	
4	Describe any open pits.		
	None		
5	Describe emission units included in each open pit.		
	NA		

16-R: Background Concentrations

1	Were NMED provided background concentrations used? Identify the background station used below. If non-NMED provided background concentrations were used describe the data that was used.		Yes <input type="checkbox"/>	No <input type="checkbox"/>
	CO: Del Norte High School (350010023)			
	NO ₂ : N/A			
	PM _{2.5} : Santa Fe (350490020)			
	PM ₁₀ : Santa Fe (350490020)			
	SO ₂ : N/A			
	Other:			
	Comments:	For NO ₂ 1-Hour and Annual, and SO ₂ 1-Hour averaging periods modeling only neighboring sources were included as discussed in Table 20. Facility location is outside the city of Las Vegas		
2	Were background concentrations refined to monthly or hourly values? If so describe below.		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

16-S: Meteorological Data

1	Was NMED provided meteorological data used? If so select the station used. Santa Fe 2017 - 2021	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2	If NMED provided meteorological data was not used describe the data set(s) used below. Discuss how missing data were handled, how stability class was determined, and how the data were processed.		

16-T: Terrain

1	Was complex terrain used in the modeling? If not, describe why below.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Yes, for point sources only. For volume sources, model was run in source selected flat terrain mode. For setback modeling all sources are run in flat terrain mode.		
2	What was the source of the terrain data?		
	USGS National Elevation Data (NED)		

16-U: Modeling Files

1	Describe the modeling files:		
	File name (or folder and file name)	Pollutant(s)	Purpose (ROI/SIA, cumulative, culpability analysis, other)

Shortline Combustion ROI	NOx, CO, SO2	ROI
Shortline PM ROI	PM10, PM2.5	ROI
Shortline NO2 1Hour	NO2	cumulative
Shortline NO2 Annual	NO2	cumulative
Shortline PM10	PM10	cumulative
Shortline PM25 24Hr	PM2.5	cumulative
Shortline PM25 Yr	PM2.5	cumulative
Shortline SO2 1Hour	SO2	cumulative
Shortline H2S	H2S	ROI
Shortline PM10 Setback	PM10	setback
Shortline PM25 24 Hr Setback	PM25	setback
Shortline PM25 Annual Setback	PM25	setback
Shortline NO2 Annual Setback	NO2	setback
Shortline NO2 1 Hour Setback	NO2	setback
Shortline SO2 Setback	SO2	setback

16-V: PSD New or Major Modification Applications

1	A new PSD major source or a major modification to an existing PSD major source requires additional analysis. Was preconstruction monitoring done (see 20.2.74.306 NMAC and PSD Preapplication Guidance on the AQB website)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2	If not, did AQB approve an exemption from preconstruction monitoring?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3	Describe how preconstruction monitoring has been addressed or attach the approved preconstruction monitoring or monitoring exemption. Not a PSD Source		
4	Describe the additional impacts analysis required at 20.2.74.304 NMAC. Not a PSD Source		
5	If required, have ozone and secondary PM2.5 ambient impacts analyses been completed? If so describe below.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Not a PSD Source		

16-W: Modeling Results

1	If ambient standards are exceeded because of surrounding sources, a culpability analysis is required for the source to show that the contribution from this source is less than the significance levels for the specific pollutant. Was culpability analysis performed? If so describe below.							Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
2	Identify the maximum concentrations from the modeling analysis. Rows may be modified, added and removed from the table below as necessary.									

Pollutant, Time Period and Standard	Modeled Facility Concentrati on (µg/m3)	Modeled Concentratio n with Surrounding Sources (µg/m3)	Secondary PM (µg/m3)	Background Concentratio n (µg/m3)	Cumulative Concentratio n (µg/m3)	Value of Standard (µg/m3)	Percent of Standard	Location		
								UTM E (m)	UTM N (m)	Elevation (ft)
NO2 1 hr	182.8	182.8	NA	NA	182.8	188.0	97.2	482220.6	3943006.9	1982.99
NO2 ann	14.0	1.0	NA	NA	15.0	94.0	16.0	482164.9	3942934.2	1982.40
CO 1 hr	607.0	NA	NA	NA	607.0	SIL - 2000	30.4	482133.9	3943095.8	1982.43
CO 8 hr	219.8	NA	NA	NA	219.8	SIL - 500	44.0	482206.6	3942988.7	1983.00
SO2 1 hr	77.5	77.5	NA	NA	77.5	196.4	39.5	482100.0	3943100.0	1985.32
PM2.5 24 hr	7.5	7.7	NA	9.2	16.9	35.0	48.3	482154.0	3943110.0	1982.16
PM2.5 ann	3.6	3.9	NA	3.7	7.6	12.0	63.3	482234.5	3943025.1	1983.29
PM10 24 hr	64.3	68.3	NA	19.0	87.3	150.0	58.2	482113.9	3942854.9	1981.59
H2S 1 hr	0.24	NA	NA	NA	0.24	SIL - 1.0	24.0	482176.8	3943113.0	1985.74

16-X: Summary/conclusions

	A statement that modeling requirements have been satisfied and that the permit can be issued.
1	Dispersion modeling was performed for the new Las Vegas HMA & Crusher permit applications. All facility pollutants with ambient air quality standards were modeled to show compliance with those standards. All results of this modeling showed the facility in compliance with applicable ambient air quality standards.

Section 17

Compliance Test History

(Submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

To show compliance with existing NSR permits conditions, you must submit a compliance test history. The table below provides an example.

Compliance Test History Table

Unit No.	Test Description	Test Date
2, 3, 4, 5, 6, 7, 8, 9, 10, 11	New Permitted Facility	TBD
12, 13	New Permitted Facility	TBD

Section 20

Other Relevant Information

Other relevant information. Use this attachment to clarify any part in the application that you think needs explaining. Reference the section, table, column, and/or field. Include any additional text, tables, calculations or clarifying information.

Additionally, the applicant may propose specific permit language for AQB consideration. In the case of a revision to an existing permit, the applicant should provide the old language and the new language in track changes format to highlight the proposed changes. If proposing language for a new facility or language for a new unit, submit the proposed operating condition(s), along with the associated monitoring, recordkeeping, and reporting conditions. In either case, please limit the proposed language to the affected portion of the permit.

No other relevant information.

Section 22: Certification

Company Name: Short Line, LLC

I, Beverly Eastrow hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 23 day of October 2023, upon my oath or affirmation, before a notary of the State of

New Mexico.

Beverly Eastrow
*Signature

10/23/23
Date

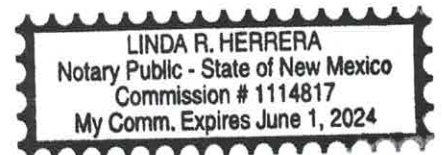
Beverly Eastrow
Printed Name

Managing Member
Title

Scribed and sworn before me on this 23 day of October, 2023.

My authorization as a notary of the State of New Mexico expires on the

1st day of June, 2024.



Linda R. Herrera
Notary's Signature

06/01/2024
Date

Linda R. Herrera
Notary's Printed Name

*For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AE NMAC.

SHORT LINE, LLC
PO BOX 1499
PERALTA, NM 87042

1061

95-219/1070 782

10/23/23 Date

Pay to the
Order of

NMED \$ 500.00
FIVE hundred & no/100 Dollars



Wells Fargo Bank, N.A.
New Mexico
wellsfargo.com



Photo
Safe
Deposit®
Details on back

For

[Signature] MP

⑆ 107002192⑆ 6862631956⑆ 01061



Air Permit Application Compliance History Disclosure Form

Pursuant to Subsection 74-2-7(S) of the New Mexico Air Quality Control Act ("AQCA"), NMSA §§ 74-2-1 to -17, the New Mexico Environment Department ("Department") may deny any permit application or revoke any permit issued pursuant to the AQCA if, within ten years immediately preceding the date of submission of the permit application, the applicant met any one of the criteria outlined below. In order for the Department to deem an air permit application administratively complete, or issue an air permit for those permits without an administrative completeness determination process, the applicant must complete this Compliance History Disclosure Form as specified in Subsection 74-2-7(P). An existing permit holder (permit issued prior to June 18, 2021) shall provide this Compliance History Disclosure Form to the Department upon request.

Permittee/Applicant Company Name		Expected Application Submittal Date
Short Line, LLC		October 20, 2023
Permittee/Company Contact	Phone	Email
Beverly Zastrow	505-892-5400	shortlinellc@yahoo.com
Within the 10 years preceding the expected date of submittal of the application, has the permittee or applicant:		
1	Knowingly misrepresented a material fact in an application for a permit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2	Refused to disclose information required by the provisions of the New Mexico Air Quality Control Act?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3	Been convicted of a felony related to environmental crime in any court of any state or the United States?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4	Been convicted of a crime defined by state or federal statute as involving or being in restraint of trade, price fixing, bribery, or fraud in any court of any state or the United States?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a	Constructed or operated any facility for which a permit was sought, including the current facility, without the required air quality permit(s) under 20.2.70 NMAC, 20.2.72 NMAC, 20.2.74 NMAC, 20.2.79 NMAC, or 20.2.84 NMAC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5b	<p>If "No" to question 5a, go to question 6.</p> <p>If "Yes" to question 5a, state whether each facility that was constructed or operated without the required air quality permit met at least one of the following exceptions:</p> <p>a. The unpermitted facility was discovered after acquisition during a timely environmental audit that was authorized by the Department; or</p> <p>b. The operator of the facility estimated that the facility's emissions would not require an air permit, and the operator applied for an air permit within 30 calendar days of discovering that an air permit was required for the facility.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6	Had any permit revoked or permanently suspended for cause under the environmental laws of any state or the United States?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	For each "yes" answer, please provide an explanation and documentation.	



October 23, 2023

New Mexico Environment Department
Air Quality Bureau
Permits Section
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico 87507-3313

Subject: Permit Application for Short Line, LLC's Las Vegas HMA and Crusher Facility

NSR Permit Manager:

Attached please find two (2) hardcopies and three (3) electronic (CD) copies of the 20.2.72 NMAC Permit Application for Short Line, LLC's Las Vegas HMA and Crusher Facility. This letter is attached to the application copy that has the original notarized signature page (Section 22), along with an application submittal fee of \$500.

Short Line, LLC (Short Line) is applying for a new 20.2.72 NMAC air quality permit for a 200 ton per hour (TPH) aggregate crushing and screening plant to be operated within county of San Miguel, state of New Mexico. Regulation governing this permit application is 20.2.72.200.A(1) NMAC.

Please let me know if you have any questions or need additional information.

Sincerely,

Paul Wade
Sr. Associate Engineer
Montrose Environmental Solutions, Inc.

Cc: Beverly Zastrow, Short Line, LLC