

**CITY OF ALBUQUERQUE  
ENVIRONMENTAL HEALTH DEPARTMENT  
AIR QUALITY PROGRAM**

**MODIFICATION APPLICATION  
AUTHORITY-TO-CONSTRUCT PERMIT  
NO. 0500-M3-3AR**

**NuStar Energy, L.P.**



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# 1. GENERAL INFORMATION

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## 1.0 Executive Summary

This application proposes a permit modification to Authority-To-Construct (ATC) Permit No. 0500-M3-3AR for NuStar Energy, L.P. (NuStar) Albuquerque Products Terminal facility located at 6348 Desert Rd SE in Albuquerque, NM. The proposed changes are associated with the New Mexico Biodiesel Blend Mandate, which will require all diesel fuel sold for use in on-road motor vehicles to state agencies, political subdivisions of the state, and public schools to contain at least 5% biodiesel (B5).

The permit will be updated to include the following changes to product storage and loadout:

- Tank 3M1 will be converted to store pure biodiesel (B100).
- Tank 10M2 will be converted to a slop tank.
- Approximately 18 fugitive components will be added, all in light liquid service, to complete the following:
  - ◆ Extend the two slop lines from 3M1 to 10M2;
  - ◆ Build a fill and load line from the offloading skid;
  - ◆ Install new lines from 3M1 to the diesel loadout arms at the truck rack; and
  - ◆ Build new ethanol and B100 offloading skids.

Storage Tanks 3M1 and 10M2, or Emission Units (EU) 1a and 1c, are both currently included under EU1. The emissions for EU1 are estimated using gasoline; therefore, the tanks under this unit are permitted to store gasoline, diesel fuel, turbine fuel, ethanol, and other petroleum products/additives with a true vapor pressure (TVP) equal to or less than gasoline. Biodiesel has a TVP significantly lower than gasoline. As such, the resulting emissions of VOC and HAP will be less than the currently permitted rates; therefore, no changes to EU1 are requested with this revision. Putting the proposed tanks into biodiesel/slop service is fully authorized in ATC Permit No. 0500-M3-3AR, pursuant to Condition I.1.g.

Loadout emissions (EU3) are currently permitted for an hourly throughput of 2,400 bbl/hr gasoline and products with a true vapor pressure (TVP) less than gasoline, and annual throughputs of 5,000,500 bbl/year of gasoline and products with a TVP less than gasoline and 3,467,500 bbl/yr turbine fuel and products with a TVP less than turbine fuel. The new biodiesel loadout will displace 5% of the existing permitted loadout throughput and will have a TVP less than gasoline; therefore, there will be no increase in throughput or emissions requested for hourly or annual loadout. No change to EU3 is requested.

The currently permitted fugitive component emissions (EU5) have been reviewed and it was determined that there are more fugitive components onsite than currently authorized in the air permit. Fugitive count are conservatively estimated with a 100% safety factor. Therefore, there will be a slight increase in fugitive component ton per year (tpy) volatile organic compound (VOC) emissions and this change to EU5 is requested with the application.

Air dispersion modeling is not required for this submittal, as there will be no changes in criteria pollutants requested to the currently permitted emission rate or historical modeled demonstration of compliance. Additional discussion is included in Section 4 of this application.

## 2. FACILITY AND EMISSIONS INFORMATION

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The following section provides details regarding the facility description; sources of emissions; and methodology and emission factors used to estimate air pollutant emissions at the facility.

### 2.1 Description of the Facility

The NuStar Albuquerque Products Terminal facility is a bulk petroleum products terminal that receives gasoline and turbine fuel by pipeline and tank trucks. All petroleum products are removed via tank trucks. The petroleum products are stored in aboveground storage tanks (ASTs) at the terminal for subsequent transfer to tank trucks by means of a three-bay loading rack. Vapors containing VOC and HAP that are displaced during tank truck loading operations are captured and routed to a vapor combustion unit (VCU). Other terminal sources of emissions include storage tank working and breathing losses and fugitive emissions from equipment leaks.

The entire facility is a source of VOCs and HAPs. The VCU is the only regulated source of NO<sub>x</sub>, CO, and SO<sub>2</sub>. A plot plan and facility site map are included in Appendix C.

### 2.2 Air Pollutant Emissions and Calculation Methodology

#### 2.2.1 Description of Calculations and Emission Factors

The currently permitted fugitive component emissions (EU5) have been reviewed and it was determined that there are more fugitive components onsite than currently authorized in the air permit. Therefore, there will be a slight increase in fugitive component tpy VOC emissions and this change to EU5 is requested with the application.

A description of the calculations methodology for each emission unit is included in this section.

##### 2.2.1.1 Tanks (Units EU1 & EU2)

VOC and HAP Emissions for the tanks during normal operation are calculated using the equations and constants provided in AP-42 Chapter 7.1 Organic Liquid Storage Tanks, June 2020.

With this application, Tank 3M1 is requested to be converted to store pure biodiesel (B100) and Tank 10M2 is requested to be converted to a slop tank. Storage Tanks 3M1 and 10M2, or Emission Units (EU) 1a and 1c, are both currently included under EU1. The emissions for EU1 are estimated using gasoline; therefore, the tanks under this unit are permitted to store gasoline, diesel fuel, turbine fuel, ethanol, and other petroleum products/additives with a true vapor pressure equal to or less than gasoline. Biodiesel has a TVP less than gasoline, which will result in a lower emission rate of VOC and HAP as there will be less of those constituents in the vapor phase of the biodiesel.

No changes to the currently permitted emission rates for EU1 or EU2 are requested with this revision.

##### 2.2.1.2 Loading Rack VCU (Unit EU3)

The facility employs a loading rack to load tanker trucks at the facility. All products that come into the facility and are stored in the tanks are removed via the loading rack. The vapors produced at the loading rack are captured and sent to a Vapor Combustion Unit (VCU). In accordance with the facility ATC permit



and NSPS, Subpart XX, 40 CFR 60.502(a), the VCU maintains emissions of less than 35 mg of VOC per liter of gasoline loaded. Annual emissions testing is completed to confirm compliance with this limit.

Emissions are based on this limit, as well as the permitted loadout hourly throughput of 2,400 bbl/hr gasoline and products with a true vapor pressure (TVP) less than gasoline, and annual throughputs of 5,000,500 bbl/year of gasoline and products with a TVP less than gasoline, and 3,467,500 bbl/yr turbine fuel and products with a TVP less than turbine fuel. Startup, shutdown or malfunction emissions are not provided for the VCU because loadout will not occur when the VCU is non-operational.

The new biodiesel loadout requested with this application will displace 5% of the existing permitted hourly and annual loadout throughputs for gasoline (hourly) and turbine fuel (annually); therefore, there will be no increase in throughput or emissions requested for hourly or annual loadout. There is no change requested to the emission rates permitted for EU3.

#### **2.2.1.3 Loading Rack Fugitives (Unit EU4)**

Emissions for the loading rack fugitives during normal operation are calculated using the method outlined in AP-42 Section 5.2, Transportation and Marketing of Petroleum Liquids, 1/95. The saturation factor was selected based on actual operation at the facility. Physical data for each fuel (vapor pressure, loading temperature, molecular vapor weight) are from AP-42 Table 7.1-2. Calculations of controlled emissions at the loading rack are based on the permitted capture efficiency of 98.7% and the loading rack throughputs listed above. The vapor pressure for diesel is less than that of gasoline and thus emissions are expected to decrease on an actual basis. No change in emissions is requested.

Vapors not captured by the vapor collection system are assumed to be fugitive emissions from the loading rack hose. The vapor collection system has a capture efficiency of 98.7%, so it is assumed that 1.3% of vapors from the loading rack hose are fugitive emissions. Fugitive loading rack emissions are therefore calculated here by multiplying uncontrolled emissions from the loading rack by the uncaptured fraction (1.3%).

#### **2.2.1.4 Component Fugitives (Unit EU5)**

Fugitive emissions are calculated using EPA's Protocol for Equipment Leak Emission Estimates (November, 1995). Approximately 18 fugitive components will be added in light liquid service associated with the facility biodiesel process update project requested in this application. The currently permitted fugitive component emissions (EU5) have been reviewed and it was determined that there are more fugitive components onsite than currently authorized in the air permit. Fugitive components are conservatively calculated using 100% safety factor.

Therefore, there will be a slight increase in fugitive component tpy VOC emissions and this change to EU5 is requested with the application. Current emission calculations for NuStar Albuquerque component fugitives are included in Appendix D.

#### **2.2.1.5 Additive Operations (Unit EU6)**

Lubricity and conductivity additive storage emissions are calculated using equations and constants from EPA's AP-42, Section 7.1. There is no change to the facility additive compositions and usage with this application. VOC and HAP Emissions for the additive tanks during normal operation are calculated using equations and constants from AP-42 Chapter 7.1 Organic Liquid Storage Tanks, June 2020.

### **2.2.1.6 Oil Water Separator (Unit EU7)**

VOC and HAP Emissions for the Oil Water Separator are based on the emission factors from AP-42 Chapter 5.1, Table 5.1-3. Fugitive Emission Factors for Petroleum Refineries, for Controlled Oil/Water Separators, as well as the anticipated throughput of the separator. There is no change requested to the emission rates permitted for EU7.

### **2.2.2 Supporting Information**

The following supporting information is included in Appendix E to support the fugitive component emission calculations provided.

- Table 2-3 Light liquid emission factors, Marketing Terminal Average Emission Factors from Protocol for Equipment Leak Emission Estimates, USEPA Office of Air Quality Planning and Standards, November 1995 (EPA-453/R-95-017).

### 3. OPERATIONAL PLAN – AIR EMISSIONS DURING SSM AND MALFUNCTION

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The facility is owned and operated by NuStar. This Startup, Shutdown, Maintenance, and Malfunction (SSM/M) plan provides an operational and maintenance strategy for the permitted sources of emissions at the NuStar Albuquerque Products Terminal.

This plan addresses the operational strategy if a malfunction occurs, as well as the anticipated nature of emissions during routine startup or shutdown of each source and the steps NuStar will take to minimize emissions during routine startup or shutdown.

The following definitions from 20.11.41.7 NMAC apply to this SSM/M plan:

- **“Malfunction”** means any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or process equipment, or the failure of a process to operate in a normal or expected manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.
- **“Shutdown”** means the cessation of operation of any air pollution control equipment, process equipment or process for any purpose, except routine phasing out of batch process units.
- **“Startup”** means to put a stationary source that has been constructed or modified as authorized by a permit issued pursuant to 20.11.41 NMAC into operation complete with functional air pollution controls, so the process equipment or the process performs for the purpose intended. The operation may be cyclic in response to on-off controls. Repetition of cycles is not startup for purposes of 20.11.41 NMAC.

Note that all the procedures contained herein may be superseded (and thereby fulfilled by) by other NSR and NSPS requirements.

Emissions during startups, shutdowns, and malfunctions will be minimized through the use of industry standard and/or manufacturer recommended operating practices. NuStar engineers and trained technicians are responsible for the timely and effective execution of these actions. Furthermore, equipment at the facility is equipped with safety devices, such as level monitors, which aid in minimizing excess emissions during non-routine operating conditions. The following summarizes NuStar’s operational plans for minimizing excess emissions.

In the event of a VCU startup or shutdown, no loading would occur at the loading rack. In the case of VCU malfunction, any loading would cease as soon as the malfunction is detected, and any excess emissions would be reported.

NuStar actively maintains facility equipment according to manufacturer and industry-recommended guidelines and fosters a culture of safety and environmental awareness. Operations personnel are informed of the importance of proper and efficient operation of equipment, and of the potential liabilities associated with improper operation. Moreover, NuStar recognizes the economic incentives to maintain and operate equipment efficiently. Malfunctioning equipment is an unacceptable waste of resources and money.

Equipment at the facility is operated and maintained in accordance with manufacturers’ recommendations, industry best operating practices, and NuStar’s own practices designed to minimize downtime and non-routine operations. Procedures exist for maintenance of each major piece of equipment, personnel are

trained in proper procedures, and NuStar's own internal review processes ensure that procedures are followed. As a result, non-routine operational events and consequent excess emissions are minimized.

If a startup, shutdown, or malfunction event occurs which violates an applicable requirement or results in emissions greater than the allowable emission rate for the affected emissions unit(s), NuStar will report such an event to the City of Albuquerque Environmental Health Department.

## 4. AIR DISPERSION MODELING ANALYSIS

The NuStar Albuquerque Products Terminal currently operates under CP Permit No. 0500-M3-3AR, issued September 3, 2020. The permit is requested to be updated to include the following changes to product storage and loadout:

- Tank 3M1 will be converted to store pure biodiesel (B100).
- Tank 10M2 will be converted to a slop tank.
- Approximately 18 new fugitive components will be added, all in light liquid service, to complete the following:
  - Extend the two slop lines from 3M1 to 10M2;
  - Build a fill and load line from the offloading skid;
  - Install new lines from 3M1 to the diesel loadout arms at the truck rack; and
  - Build new ethanol and B100 offloading skids.

A map of the facility is included in Appendix C and shows the location of the VCU. The VCU is the only source at the facility which releases emissions with established NAAQS or NMAAQS; therefore, it is the only source subject to air dispersion modeling. No change to the currently permitted emission rates for the VCU is requested with this application. The emission rates for all pollutants will remain as currently permitted. Please see Table 1 for the currently permitted and proposed emission rates currently requested in this application, demonstrating that no increase is requested. This facility is not a source of Lead or Hydrogen Sulfide.

There are no changes requested to the emissions, operating hours, location, or stack parameters of the VCU. The facility is surrounded by a fence and there are no other sources or facilities operating at the same location. There are no emergency generators or comfort heat boilers at this facility. No modeling is required with this permit modification because there are no requested changes to criteria pollutant emission rates.

**Table 1. Permitted and Requested Criteria Pollutant Emissions Rates**

Unit No.	Description	NO <sub>x</sub> lb/hr	CO lb/hr	SO <sub>2</sub> lb/hr	PM <sub>10</sub> lb/hr	PM <sub>2.5</sub> lb/hr
1	Gasoline, Turbine Fuel, and Diesel Fuel Withdrawal and Standing Storage Tank Emissions Loss	-	-	-	-	-
2	Turbine Fuel and Diesel Fuel Withdrawal and Standing Storage Tank Emissions Loss	-	-	-	-	-
3	Loading Rack VCU	3.4	8.4	-	-	-
4	Loading Rack Fugitives	-	-	-	-	-
5	Component Fugitives	-	-	-	-	-
6	Additive Operations	-	-	-	-	-
7	Oil Water Separator Fugitives and Related Petroleum Contact Water Fixed Roof Tank	-	-	-	-	-
<b>Permitted Total</b>		<b>3.4</b>	<b>8.4</b>	-	-	-
<b>Total Change to Permitted Emissions</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## **APPENDIX A. APPLICATION FORMS**

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- Application for Air Pollutant Sources in Bernalillo County Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)
- Permit Application Checklist
- Permit Application Review Fee Checklist





**City of Albuquerque – Environmental Health Department  
Air Quality Program**



Please mail this application to P.O. Box 1293, Albuquerque, NM 87103  
or hand deliver between 8:00 am – 5:00 pm Monday – Friday to:  
3rd Floor, Suite 3023 – One Civic Plaza NW, Albuquerque, NM 87102  
(505) 768-1972 aqd@cabq.gov

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Submittal Date: May 4, 2023

**Owner/Corporate Information**  Check here and leave this section blank if information is exactly the same as Facility Information below.

Company Name: <b>NuStar Energy, L.P.</b>			
Mailing Address: <b>19003 IH-10 West</b>	City: <b>San Antonio</b>	State: <b>TX</b>	Zip: <b>78257</b>
Company Phone: <b>(210) 249-1970</b>	Company Contact: <b>Christopher Jimenez</b>		
Company Contact Title: <b>Manager of Project Permitting</b>	Phone: <b>(210) 249-1970</b>	E-mail: <b>christopher.jimenez@nustarenergy.com</b>	

**Stationary Source (Facility) Information:** Provide a plot plan (legal description/drawing of the facility property) with overlay sketch of facility processes, location of emission points, pollutant type, and distances to property boundaries.

Facility Name: <b>NuStar Energy, L.P.</b>			
Facility Physical Address: <b>6348 Desert Rd SE</b>	City: <b>Albuquerque</b>	State: <b>NM</b>	Zip: <b>87105</b>
Facility Mailing Address (if different):	City:	State:	Zip:
Facility Contact: <b>Chistopher Jimenez</b>	Title: <b>Manager of Project Permitting</b>		
Phone: <b>(210) 249-1970</b>	E-mail: <b>christopher.jimenez@nustarenergy.com</b>		
Authorized Representative Name <sup>1</sup> : <b>Chistopher Jimenez</b>	Authorized Representative Title: <b>Manager of Project Permitting</b>		

**Billing Information**  Check here if same contact and mailing address as corporate  Check here if same as facility

Billing Company Name:			
Mailing Address:	City:	State:	Zip:
Billing Contact:	Title:		
Phone:	E-mail:		

**Preparer/Consultant(s) Information**  Check here and leave section blank if no Consultant used or Preparer is same as Facility Contact.

Name: <b>Jaimy Karacaoglu</b>	Title: <b>Consultant</b>		
Mailing Address: <b>9400 Holly Avenue NE, Building 3, Ste B</b>	City: <b>Albuquerque</b>	State: <b>NM</b>	Zip: <b>87122</b>
Phone: <b>(505) 266-6611</b>	Email: <b>jaimy.karacaoglu@trinityconsultants.com</b>		

1. See 20.11.41.13(E)(13) NMAC.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**General Operation Information (if any question does not pertain to your facility, type N/A on the line or in the box)**

Permitting action being requested (please refer to the definitions in 20.11.40 NMAC or 20.11.41 NMAC):				
<input type="checkbox"/> New Permit	<input checked="" type="checkbox"/> Permit Modification Current Permit #: <b>0500-M3-3AR</b>		<input type="checkbox"/> Technical Permit Revision Current Permit #:	<input type="checkbox"/> Administrative Permit Revision Current Permit #:
<input type="checkbox"/> New Registration Certificate	<input type="checkbox"/> Modification Current Reg. #:	<input type="checkbox"/> Technical Revision Current Reg. #:	<input type="checkbox"/> Administrative Revision Current Reg. #:	
UTM coordinates of facility (Zone 13, NAD 83): <b>13S UTM 348,653 m E, 3,873,332 m N</b>				
Facility type (i.e., a description of your facility operations): <b>Refined Products Terminal</b>				
Standard Industrial Classification (SIC Code #): <b>5171</b>		North American Industry Classification System (NAICS Code #): <b>424710</b>		
Is this facility currently operating in Bernalillo County? <b>Yes</b>		If <b>YES</b> , list date of original construction: <b>est. 1973</b> If <b>NO</b> , list date of planned startup: <b>N /A</b>		
Is the facility permanent? <b>Yes</b>		If <b>NO</b> , list dates for requested temporary operation: From <b>N/A</b> Through <b>N/A</b>		
Is the facility a portable stationary source? <b>No</b>		If <b>YES</b> , is the facility address listed above the main permitted location for this source? <b>N/A</b>		
Is the application for a physical or operational change, expansion, or reconstruction (e.g., altering process, or adding, or replacing process or control equipment, etc.) to an existing facility? <b>Yes</b>				
Provide a description of the requested changes: <b>The facility revision requests to include the following changes to product storage and loadout:</b>				
<ul style="list-style-type: none"> <li>• <b>Tank 3M1 will be converted to store pure biodiesel (B100).</b></li> <li>• <b>Tank 10M2 will be converted to a slop tank.</b></li> <li>• <b>Approximately 18 new fugitive components will be added, all in light liquid service, to complete the following:</b> <ul style="list-style-type: none"> <li>- <b>Extend the two slop lines from 3M1 to 10M2; Build a fill and load line from the offloading skid, Install new lines from 3M1 to the diesel loadout arms at the truck rack; and build new ethanol and B100 offloading skids.</b></li> </ul> </li> <li>• <b>Additionally, it was determined that there are more fugitive components onsite than currently authorized in the air permit. This count and associated emissions will be updated to accurately reflect fugitive emissions at the facility. Calculations were conservatively estimated using 100% safety factor.</b></li> </ul>				
What is the facility's operation? <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent <input type="checkbox"/> Batch				
Estimated percent of production/operation:	Jan-Mar: <b>25</b>	Apr-Jun: <b>25</b>	Jul-Sep: <b>25</b>	Oct-Dec: <b>25</b>
Requested operating times of facility:	<b>24</b> hours/day	<b>7</b> days/week	<b>4</b> weeks/month	<b>12</b> months/year
Will there be special or seasonal operating times other than shown above? This includes monthly- or seasonally-varying hours. <b>No</b>				
If <b>YES</b> , please explain: <b>N/A</b>				
List raw materials processed: <b>N/A</b>				
List saleable item(s) produced: <b>Refined petroleum products</b>				

USE INSTRUCTIONS: For the forms on the following pages, please do not alter or delete the existing footnotes or page breaks. If additional footnotes are needed then add them to the end of the existing footnote list for a given table. Only update the rows and cells within tables as necessary for your project. Unused rows can be deleted from tables. If multiple scenarios will be represented then the Uncontrolled and Controlled Emission Tables, and other tables as needed, can be duplicated and adjusted to indicate the different scenarios.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Regulated Emission Sources Table**

(E.g., Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator-Haul Road-Storage Pile, etc.) Match the Units listed on this Table to the same numbered line if also listed on Emissions Tables & Stack Table.

Unit Number and Description <sup>1</sup>	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date <sup>2</sup>	Process Rate or Capacity (Hp, kW, Btu, ft <sup>3</sup> , lbs, tons, yd <sup>3</sup> , etc.) <sup>3</sup>	Fuel Type
1a IFR Storage Tank (3M-1)	N/A	N/A	N/A	Before 1973	N/A	N/A	127,105 gal	N/A
1b IFR Storage Tank (10M-1)	N/A	N/A	N/A	Before 1973	N/A	N/A	420,000 gal	N/A
1c IFR Storage Tank (10M-2)	N/A	N/A	N/A	Before 1973	N/A	N/A	420,000 gal	N/A
1d EFR Storage Tank (20M-1)	N/A	N/A	N/A	Before 1973	N/A	N/A	840,000 gal	N/A
1e EFR Storage Tank (20M-2)	N/A	N/A	N/A	Before 1973	N/A	N/A	840,000 gal	N/A
1f EFR Storage Tank (20M-3)	N/A	N/A	N/A	Before 1973	N/A	N/A	840,000 gal	N/A
1g EFR Storage Tank (20M-4)	N/A	N/A	N/A	Before 1973	N/A	N/A	840,000 gal	N/A
1h DEFR Storage Tank (30M-1)	N/A	N/A	N/A	Before 1973	N/A	N/A	1,260,000 gal	N/A
1i IFR Storage Tank (55M-1)	N/A	N/A	N/A	After 1984	N/A	N/A	2,310,000 gal	N/A
1j IFR Storage Tank (55M-2)	N/A	N/A	N/A	2003	N/A	N/A	2,314,670 gal	N/A
2 VFR Storage Tank (5M-1)	N/A	N/A	N/A	Before 1973	N/A	N/A	211,530 gal	N/A
3 3 Bay Loading Rack w/ John Zink VCU	John Zink	GV-ZTOF-8400-2	N/A	1991	N/A	N/A	1,123 ACFM	Natural Gas
4 3 Bay Loading Rack Fugitives (F-1)	N/A	N/A	N/A	Before 1980	N/A	N/A	2,400 bbl/hr	N/A
5 Component Fugitives (F-2)	N/A	N/A	N/A	Various	N/A	N/A	N/A	N/A
6 Additive Operations (A-1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7 Oil Water Separator (OWS-1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

- 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.
- To determine whether a unit has been modified, evaluate if changes have been made to the unit that impact emissions or that trigger modification as defined in 20.11.41.7(U) NMAC. If not, put N/A.
- Basis for Equipment Process Rate or Capacity (e.g., Manufacturer's Data, Field Observation/Test, etc.) **Facility nameplates, as currently permitted**  
Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Emissions Control Equipment Table**

Control Equipment Units listed on this Table should either match up to the same Unit number as listed on the Regulated Emission Sources, Controlled Emissions and Stack Parameters Tables (if the control equipment is integrated with the emission unit) or should have a distinct Control Equipment Unit Number and that number should then also be listed on the Stack Parameters Table.

Control Equipment Unit Number and Description	Controlling Emissions for Unit Number(s)	Manufacturer	Model #   Serial #	Date Installed	Controlled Pollutant(s)	% Control Efficiency <sup>1</sup>	Method Used to Estimate Efficiency	Rated Process Rate or Capacity or Flow
3 3 Bay Loading Rack w/ John Zink VCU	4	John Zink	GV-ZTOF-8400-2	1991	VOC, HAP	98.7	Manuf. Data, as Currently Permitted	1,123 ACFM

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. Basis for Control Equipment % Efficiency (e.g., Manufacturer's Data, Field Observation/Test, AP-42, etc.). **Manuf. Data, as Currently Permitted**  
Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Exempted Sources and Exempted Activities Table**

See 20.11.41 NMAC for exemptions.

Unit Number and Description	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date <sup>1</sup>	Process Rate or Capacity (Hp, kW, Btu, ft <sup>3</sup> , lbs, tons, yd <sup>3</sup> , etc.) <sup>2</sup>	Fuel Type
<b>N/A – There is no exempt equipment required to be reported at this facility.</b>								

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. To determine whether a unit has been modified, evaluate if changes have been made to the unit that impact emissions or that trigger modification as defined in 20.11.41.7(U) NMAC. Also, consider if any changes that were made alter the status from exempt to non-exempt. If not, put N/A.
2. Basis for Equipment Process Rate or Capacity (e.g., Manufacturer’s Data, Field Observation/Test, etc.) \_\_\_\_\_  
Submit information for each unit as an attachment.



**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Uncontrolled Emissions Table**

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8760 hrs)

Regulated Emission Units listed on this Table should match up to the same numbered line and Unit as listed on the Regulated Emissions and Controlled Tables. List total HAP values per Emission Unit if overall HAP total for the facility is  $\geq 1$  ton/yr.

Unit Number*	Nitrogen Oxides (NO <sub>x</sub> )		Carbon Monoxide (CO)		Nonmethane Hydrocarbons/Volatile Organic Compounds (NMHC/VOCs)		Sulfur Dioxide (SO <sub>2</sub> )		Particulate Matter $\leq 10$ Microns (PM <sub>10</sub> )		Particulate Matter $\leq 2.5$ Microns (PM <sub>2.5</sub> )		Hazardous Air Pollutants (HAPs)		Method(s) used for Determination of Emissions (AP-42, Material Balance, Field Tests, etc.)
	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	
1	-	-	-	-	28.1	53.3	-	-	-	-	-	-	12.9	4.3	AP-42 Section 7.1
2	-	-	-	-	0.8	0.1	-	-	-	-	-	-	0.03	0.001	AP-42 Section 7.1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NSPS, Subpart XX, 40 CFR 60.502(a), Controls emissions from loadout; no emissions in the uncontrolled scenario
4	-	-	-	-	*	892.8	-	-	-	-	-	-	*	174.8	AP-42 Section 5.2
5	-	-	-	-	0.21	0.91	-	-	-	-	-	-	0.10	0.45	EPA Protocol for Equipment Leak Emission Estimates (November, 1995)
6	-	-	-	-	2.8	0.3	-	-	-	-	-	-	0.03	0.1	AP-42 Section 7.1
7	-	-	-	-	0.6	0.4	-	-	-	-	-	-	0.04	0.2	AP-42 Chapter 5.1
<b>Totals of Uncontrolled Emissions</b>	-	-	-	-	<b>32.5</b>	<b>947.9</b>	-	-	-	-	-	-	<b>322.1</b>	<b>179.9</b>	

\*An hourly emission limit is not appropriate for this pollutant.

NOTE: To add extra rows in Word, click anywhere in the second-to-last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

\*A permit is required and this application along with the additional checklist information requested on the Permit Application checklist must be provided if:

- (1) any one of these process units or combination of units, has an uncontrolled emission rate greater than or equal to ( $\geq$ ) 10 lbs/hr or 25 tons/yr for any of the above pollutants, excluding HAPs, based on 8,760 hours of operation; or
- (2) any one of these process units or combination of units, has an uncontrolled emission rate  $\geq 2$  tons/yr for any single HAP or  $\geq 5$  tons/yr for any combination of HAPs based on 8,760 hours of operation; or
- (3) any one of these process units or combination of units, has an uncontrolled emission rate  $\geq 5$  tons/yr for lead (Pb) or any combination of lead and its compounds based on 8,760 hours of operation; or
- (4) any one of the process units or combination of units is subject to an Air Board or federal emission limit or standard.

\* If all of these process units, individually and in combination, have an uncontrolled emission rate less than ( $<$ ) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8,760 hours of operation), but  $> 1$  ton/yr for any of the above pollutants, then a source registration is required. A Registration is required, at minimum, for any amount of HAP emissions. Please complete the remainder of this form.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Controlled Emissions Table**

(Based on current operations with emission controls OR requested operations with emission controls)

Regulated Emission Units listed on this Table should match up to the same numbered line and Unit as listed on the Regulated Emissions and Uncontrolled Tables. List total HAP values per Emission Unit if overall HAP total for the facility is  $\geq 1$  ton/yr.

Unit Number	Nitrogen Oxides (NO <sub>x</sub> )		Carbon Monoxide (CO)		Nonmethane Hydrocarbons/Volatile Organic Compounds (NMHC/VOCs)		Sulfur Dioxide (SO <sub>2</sub> )		Particulate Matter $\leq 10$ Microns (PM <sub>10</sub> )		Particulate Matter $\leq 2.5$ Microns (PM <sub>2.5</sub> )		Hazardous Air Pollutants (HAPs)		Control Method	% Efficiency <sup>1</sup>
	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		
1	-	-	-	-	28.1	53.3	-	-	-	-	-	-	12.9	4.0	N/A	N/A
2	-	-	-	-	0.8	0.1	-	-	-	-	-	-	0.03	0.001	N/A	N/A
3	3.4	3.5	8.4	8.8	29.4	30.7	-	-	-	-	-	-	1.2	5.0	N/A	<35 mg TOC/L
4	-	-	-	-	17.2	11.6	-	-	-	-	-	-	6.2	3.5	VCU	98.7% Capture
5	-	-	-	-	0.21	0.91	-	-	-	-	-	-	0.10	0.45	N/A	N/A
6	-	-	-	-	2.8	0.3	-	-	-	-	-	-	0.03	0.1	N/A	N/A
7	-	-	-	-	0.6	0.4	-	-	-	-	-	-	0.04	0.2	N/A	N/A
<b>Totals of Controlled Emissions</b>	<b>3.4</b>	<b>3.5</b>	<b>8.4</b>	<b>8.8</b>	<b>79.1</b>	<b>97.4</b>	-	-	-	-	-	-	<b>20.6</b>	<b>13.3</b>		

NOTE: To add extra rows in Word, click anywhere in the second-to-last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. Basis for Control Method % Efficiency (e.g., Manufacturer's Data, Field Observation/Test, AP-42, etc.). **Manufacturer data, field test, as currently permitted.**  
Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Hazardous Air Pollutants (HAPs) Emissions Table**

Report the Potential Emission Rate for each HAP from each source on the Regulated Emission Sources Table that emits a given HAP. Report individual HAPs with  $\geq 1$  ton/yr total emissions for the facility on this table. Otherwise, report total HAP emissions for each source that emits HAPs and report individual HAPs in the accompanying application package in association with emission calculations. If this application is for a Registration solely due to HAP emissions, report the largest HAP emissions on this table and the rest, if any, in the accompanying application package.

Unit Number	Total HAPs		n-Hexane											
	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
1	12.9	4.0	2.0	2.1										
2	0.03	0.001	-	-										
3	1.2	5.0	0.3	1.3										
4	6.2	3.5	1.5	0.9										
5	0.10	0.45	0.011	0.049										
6	0.03	0.1	0.0004	0.002										
7	0.04	0.2	0.005	0.02										
Totals of HAPs for all units:	20.6	13.3	3.8	4.3										

NOTE: To add extra rows in Word, click anywhere in the second-to-last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

Use Instructions: Copy and paste the HAPs table here if need to list more individual HAPs.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Purchased Hazardous Air Pollutant Table\***

Product Categories (Coatings, Solvents, Thinners, etc.)	Hazardous Air Pollutant (HAP), or Volatile Hazardous Air Pollutant (VHAP) Primary To The Representative As Purchased Product	Chemical Abstract Service (CAS) Number of HAP or VHAP from Representative As Purchased Product	HAP or VHAP Concentration of Representative As Purchased Product (pounds/gallon, or %)	Concentration Determination (CPDS, SDS, etc.) <sup>1</sup>	Total Product Purchases For Category	(-)	Quantity of Product Recovered & Disposed For Category	(=)	Total Product Usage For Category
<b>N/A – No purchased individual HAPs. No change.</b>									
<b>TOTALS</b>					<b>N/A lb/yr</b>	(-)	<b>N/A lb/yr</b>	(=)	<b>N/A lb/yr</b>
					<b>383,250,000</b> gal/yr		<b>0</b> gal/yr		<b>383,250,000</b> gal/yr

NOTE: To add extra rows in Word, click anywhere in the second-to-last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

NOTE: Product purchases, recovery/disposal and usage should be converted to the units listed in this table. If units cannot be converted please contact the Air Quality Program prior to making changes to this table.

1. Submit, as an attachment, information on one (1) product from each Category listed above which best represents the average of all the products purchased in that Category. CPDS = Certified Product Data Sheet; SDS = Safety Data Sheet

**\* A Registration is required, at minimum, for any amount of HAP or VHAP emission.**

**Emissions from purchased HAP usage should be accounted for on previous tables as appropriate.**

**A permit may be required for these emissions if the source meets the requirements of 20.11.41 NMAC.**

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Material and Fuel Storage Table**

*(E.g., Tanks, barrels, silos, stockpiles, etc.)*

Storage Equipment	Product Stored	Capacity (bbls, tons, gals, acres, etc.)	Above or Below Ground	Construction (Welded, riveted) & Color	Installation Date	Loading Rate <sup>1</sup>	Offloading Rate <sup>1</sup>	True Vapor Pressure	Control Method	Seal Type	% Eff. <sup>2</sup>
1a	IFR Storage Tank (3M-1)	Gasoline and Products w/TVP < Gasoline 127,105 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1b	IFR Storage Tank (10M-1)	Gasoline and Products w/TVP < Gasoline 420,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Vapor-Mounted	N/A
1c	IFR Storage Tank (10M-2)	Gasoline and Products w/TVP < Gasoline 420,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1d	EFR Storage Tank (20M-1)	Gasoline and Products w/TVP < Gasoline 840,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1e	EFR Storage Tank (20M-2)	Gasoline and Products w/TVP < Gasoline 840,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1f	EFR Storage Tank (20M-3)	Gasoline and Products w/TVP < Gasoline 840,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1g	EFR Storage Tank (20M-4)	Gasoline and Products w/TVP < Gasoline 840,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Liquid-Mounted	N/A
1h	DEFR Storage Tank (30M-1)	Gasoline and Products w/TVP < Gasoline 1,260,000 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1i	IFR Storage Tank (55M-1)	Gasoline and Products w/TVP < Gasoline 2,310,000 gal	Above	Welded/ White	After 1984	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
1j	IFR Storage Tank (55M-2)	Gasoline and Products w/TVP < Gasoline 2,314,670 gal	Above	Welded/ White	2003	2,400 bbl/hr	2,400 bbl/hr	7.0	N/A	Mechanical Shoe	N/A
2	VFR Storage Tank (5M-1)	Turbine Fuel and Products w/TVP < Turbine Fuel 211,530 gal	Above	Welded/ White	Before 1973	2,400 bbl/hr	2,400 bbl/hr	0.008	N/A	N/A (FX)	N/A

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. Basis for Loading/Offloading Rate (e.g., Manufacturer's Data, Field Observation/Test, etc.). Manufacturer's Data, Field Observation Submit information for each unit as an attachment.
2. Basis for Control Method % Efficiency (e.g., Manufacturer's Data, Field Observation/Test, AP-42, etc.). **N/A** Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Stack Parameters Table**

If any equipment from the Regulated Emission Sources Table is also listed in this Stack Table, use the same numbered line for the emission unit on both tables to show the association between the Process Equipment and its stack.

Unit Number and Description		Pollutant (CO, NO <sub>x</sub> , PM <sub>10</sub> , etc.)	UTM Easting (m)	UTM Northing (m)	Stack Height (ft)	Stack Exit Temp. (°F)	Stack Velocity (fps)	Stack Flow Rate (acfm)	Stack Inside Diameter (ft)	Stack Type
3	3 Bay Loading Rack w/ John Zink VCU	NO <sub>x</sub> , CO, VOC, HAP	348,711.9	3,873,317.4	50	1,788	22.06	66,541.2	8.0	Vertical

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.



**Application for Air Pollutant Sources in Bernalillo County  
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

**Certification**

**NOTICE REGARDING SCOPE OF A PERMIT:** The Environmental Health Department's issuance of an air quality permit only authorizes the use of the specified equipment pursuant to the air quality control laws, regulations and conditions. Permits relate to air quality control only and are issued for the sole purpose of regulating the emission of air contaminants from said equipment. Air quality permits are not a general authorization for the location, construction and/or operation of a facility, nor does a permit authorize any particular land use or other form of land entitlement. It is the applicant's/permittee's responsibility to obtain all other necessary permits from the appropriate agencies, such as the City of Albuquerque Planning Department or Bernalillo County Department of Planning and Development Services, including but not limited to site plan approvals, building permits, fire department approvals and the like, as may be required by law for the location, construction and/or operation of a facility. For more information, please visit the City of Albuquerque Planning Department website at <https://www.cabq.gov/planning> and the Bernalillo County Department of Planning and Development Services website at <https://www.bernco.gov/planning>.

**NOTICE REGARDING ACCURACY OF INFORMATION AND DATA SUBMITTED:** Any misrepresentation of a material fact in this application and its attachments is cause for denial of a permit or revocation of part or all of the resulting registration or permit, and revocation of a permit for cause may limit the permittee's ability to obtain any subsequent air quality permit for ten (10) years. Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained under the Air Quality Control Act, NMSA 1978 §§ 74-2-1 to 74-2-17, is guilty of a misdemeanor and shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per day per violation or by imprisonment for not more than twelve months, or by both.

I, the undersigned, hereby certify that I have knowledge of the information and data represented and submitted in this application and that the same is true and accurate, including the information and data in any and all attachments, including without limitation associated forms, materials, drawings, specifications, and other data. I also certify that the information represented gives a true and complete portrayal of the existing, modified existing, or planned new stationary source with respect to air pollution sources and control equipment. I understand that there may be significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. I also understand that the person who has applied for or has been issued an air quality permit by the Department is an obligatory party to a permit appeal filed pursuant to 20.11.81 NMAC. Further, I certify that I am qualified and authorized to file this application, to certify the truth and accuracy of the information herein, and bind the source. Moreover, I covenant and agree to comply with any requests by the Department for additional information necessary for the Department to evaluate or make a final decision regarding the application.

Signed this 30 day of March, 20 23

John Koenig  
Print Name

VP Engineering, Operations  
Print Title

  
Signature

Role:  Owner  Operator  
 Other Authorized Representative



# City of Albuquerque Environmental Health Department Air Quality Program



## Construction Permit (20.11.41 NMAC) Application Checklist

**This checklist must be returned with the application**

Any person seeking a new air quality permit, a permit modification, or an emergency permit under 20.11.41 NMAC (Construction Permits) shall do so by filing a written application with the Albuquerque-Bernalillo County Joint Air Quality Program, which administers and enforces local air quality laws for the City of Albuquerque (“City”) and Bernalillo County (“County”), on behalf of the City Environmental Health Department (“Department”).

The Department will rule an application administratively incomplete if it is missing or has incorrect information. The Department may require additional information that is necessary to make a thorough review of an application, including but not limited to technical clarifications, emission calculations, emission factor usage, additional application review fees if any are required by 20.11.2 NMAC, and new or additional air dispersion modeling.

If the Department has ruled an application administratively incomplete three (3) times, the Department will deny the permit application. Any fees submitted for processing an application that has been denied will not be refunded. If the Department denies an application, a person may submit a new application and the fee required for a new application. The applicant has the burden of demonstrating that a permit should be issued.

The following are the minimum elements that shall be included in the permit application before the Department can determine whether an application is administratively complete and ready for technical review. It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.

At all times before the Department has made a final decision regarding the application, an applicant has a duty to promptly supplement and correct information the applicant has submitted in an application to the Department. The applicant’s duty to supplement and correct the application includes but is not limited to relevant information acquired after the applicant has submitted the application and additional information the applicant otherwise determines is relevant to the application and the Department’s review and decision. While the Department is processing an application, regardless of whether the Department has determined the application is administratively complete, if the Department determines that additional information is necessary to evaluate or make a final decision regarding the application, the Department may request additional information and the applicant shall provide the requested additional information.

**NOTICE REGARDING PERMIT APPEALS:** A person who has applied for or has been issued an air quality permit by the Department shall be an obligatory party to a permit appeal filed pursuant to 20.11.81 NMAC.

**NOTICE REGARDING SCOPE OF A PERMIT:** The Department’s issuance of an air quality permit only authorizes the use of the specified equipment pursuant to the air quality control laws, regulations and conditions. Permits relate to air quality control only and are issued for the sole purpose of regulating the emission of air contaminants from said equipment. Air quality permits are not a general authorization for the location, construction and/or operation of a facility, nor does a permit authorize any particular land use or other form of land entitlement. It is the applicant’s/permittee’s responsibility to obtain all other necessary permits from the appropriate agencies, such as the City Planning Department or County Department of Planning and Development Services, including but not limited to site plan approvals, building permits, fire department approvals and the like, as may be required by law for the location, construction and/or operation of a facility. For more information, please visit the City Planning Department website at <https://www.cabq.gov/planning> and the County Department of Planning and Development Services website at <https://www.bernco.gov/planning>.

**The Applicant shall:**

**20.11.41.13(A) NMAC – Pre-Application Requirements:**

Item	Completed	NA <sup>1</sup>	Waived <sup>2</sup>
(1) Request a pre-application meeting with the Department using the pre-application meeting request form.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) Attend the pre-application meeting. Date of Pre-application meeting: 3/22/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Not Applicable
2. It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.

**20.11.41.13(B) NMAC – Applicant’s Public Notice Requirements:**

Item	Included in Application	NA <sup>1</sup>	Waived <sup>2</sup>
(1) Provide public notice in accordance with the regulation, including by certified mail or electronic copy to the designated representative(s) of the recognized neighborhood associations and recognized coalitions that are within one-half mile of the exterior boundaries of the property on which the source is or is proposed to be located.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Contact list of representative(s) of neighborhood associations and recognized coalitions cannot be more than three months old from the application submittal date.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Provide notice using the Notice of Intent to Construct form.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) In accordance with the regulation, post and maintain in a visible location a weather proof sign provided by the Department.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Not Applicable; For emergency permits, the public notice requirements in 20.11.41.24 NMAC shall apply instead.
2. It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.

**The Permit Application shall include:**

**20.11.41.13(E) NMAC – Application Contents**

Item	Included In Application	NA <sup>1</sup>	Waived <sup>2</sup>
(1) A complete permit application on the most recent form provided by the Department.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) The application form includes:			
a. The owner’s name, street and post office address, and contact information;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. The facility/ operator’s name, street address and mailing address, if different from the owner;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. The consultant’s name, and contact information, if applicable;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. All information requested on the application form is included (i.e., the form is complete).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) Date application is submitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) Sufficient attachments for the following:			
a. Ambient impact analysis using an atmospheric dispersion model approved by the U.S. Environmental Protection Agency, and the Department to demonstrate compliance with the applicable ambient air quality standards. See 20.11.01 NMAC. If you are modifying an existing source, the modeling must include the	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Item	Included In Application	NA <sup>1</sup>	Waived <sup>2</sup>
emissions of the entire source to demonstrate the impact the new or modified source(s) will have on existing plant emissions.			
b. The air dispersion model has been executed pursuant to a protocol that was approved in advance by the Department.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Air dispersion modeling approved protocol date: N/A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Basis or source for each emission rate (including manufacturer's specification sheet, AP-42 section sheets, test data, or corresponding supporting documentation for any other source used).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. All calculations used to estimate potential emission rates and controlled/proposed emissions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Basis for the estimated control efficiencies and sufficient engineering data for verification of the control equipment operation, including if necessary, design, drawing, test report and factors which affect the normal operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Fuel data for each existing and/or proposed piece of fuel burning equipment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Anticipated maximum production capacity of the entire facility and the requested production capacity after construction and/or modification.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Stack and exhaust gas parameters for all existing and proposed emission stacks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5) An operational and maintenance strategy detailing:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. steps the applicant will take if a malfunction occurs that may cause emission of a regulated air contaminant to exceed a limit that is included in the permit;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. the nature of emission during routine startup or shutdown of the source and the source's air pollution control equipment; and	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. the steps the application will take to minimize emissions during routine startup or shutdown.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(6) A map, such as a 7.5'-topographic quadrangle map published by the U.S. Geological Survey or a map of equivalent or greater scale, detail, and precision, including a City or County zone atlas map that shows the proposed location of each process equipment unit involved in the proposed construction, modification, or operation of the source, as applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(7) An aerial photograph showing the proposed location of each process equipment unit involved in the proposed construction, modification, relocation or technical revision of the source except for federal agencies or departments involved in national defense or national security as confirmed and agreed by the Department in writing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(8) A complete description of all sources of regulated air contaminants and a process flow diagram depicting the process equipment unit or units at the facility, both existing and proposed, that are proposed to be involved in routine operations and from which regulated air contaminant emissions are expected to be emitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(9) A full description of air pollution control equipment, including all calculations and the basis for all control efficiencies presented, manufacturer's specifications sheets, and site layout and assembly drawings; UTM (universal transverse mercator) coordinates shall be used to identify the location of each emission unit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(10) A description of the equipment or methods proposed by the applicant to be used for emission measurement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(11) The maximum and normal operating time schedules of the source after completion of construction or modification, as applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(12) Any other relevant information as the Department may reasonably require, including without limitation:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Applicants shall provide documentary proof that the proposed air quality permitted use of the facility's subject property is allowed by the zoning designation of the City or County zoning laws, as applicable. Sufficient documentation includes: (i) a zoning certification from the City Planning Department or County Department of Planning and Development Services, as applicable, if the property is subject to City or County zoning jurisdiction; or (ii) a zoning verification from both planning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item	Included In Application	NA <sup>1</sup>	Waived <sup>2</sup>
departments if the property is not subject to City or County zoning jurisdiction. <sup>3</sup> A zone atlas map shall not be sufficient.			
(13) The signature of the applicant, operator, owner or an authorized representative, certifying to the accuracy of all information as represented in the application and attachments, if any.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(14) A check or money order for the appropriate application fee or fees required by 20.11.2 NMAC (Fees).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. *Not Applicable*
2. *It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.*
3. *For emergency permit applications, applicants are not required to submit documentation for the subject property's zoning designation.*



# City of Albuquerque

## Environmental Health Department

### Air Quality Program



## Permit Application Review Fee Instructions

All source registration, authority-to-construct, and operating permit applications for stationary or portable sources shall be charged an application review fee according to the fee schedule in 20.11.2 NMAC. These filing fees are required for both new construction, reconstruction, and permit modifications applications. Qualified small businesses as defined in 20.11.2 NMAC may be eligible to pay one-half of the application review fees and 100% of all applicable federal program review fees.

Please fill out the permit application review fee checklist and submit with a check or money order payable to the “City of Albuquerque Fund 242” and either:

1. be delivered in person to the Albuquerque Environmental Health Department, 3<sup>rd</sup> floor, Suite 3023 or Suite 3027, Albuquerque-Bernalillo County Government Center, south building, One Civic Plaza NW, Albuquerque, NM or,
2. mailed to Attn: Air Quality Program, Albuquerque Environmental Health Department, P.O. Box 1293, Albuquerque, NM 87103.

The department will provide a receipt of payment to the applicant. The person delivering or filing a submittal shall attach a copy of the receipt of payment to the submittal as proof of payment. Application review fees shall not be refunded without the written approval of the manager. If a refund is requested, a reasonable professional service fee to cover the costs of staff time involved in processing such requests shall be assessed. Please refer to 20.11.2 NMAC (effective January 10, 2011) for more detail concerning the “Fees” regulation as this checklist does not relieve the applicant from any applicable requirement of the regulation.



# City of Albuquerque

## Environmental Health Department

### Air Quality Program



### Permit Application Review Fee Checklist Effective January 1, 2023 – December 31, 2023

Please completely fill out the information in each section. Incompleteness of this checklist may result in the Albuquerque Environmental Health Department not accepting the application review fees. If you should have any questions concerning this checklist, please call 768-1972.

#### I. COMPANY INFORMATION:

Company Name	NuStar Energy, L.P.		
Company Address	19003 IH-10 West, San Antonio, TX 78257		
Facility Name	NuStar Energy, L.P.		
Facility Address	6348 Desert Road SE, Albuquerque, NM 87105		
Contact Person	Christopher Jimenez		
Contact Person Phone Number	(210) 249-1970		
Are these application review fees for an existing permitted source located within the City of Albuquerque or Bernalillo County?	<u>Yes</u>	No	
If yes, what is the permit number associated with this modification?	Permit #		
Is this application review fee for a Qualified Small Business as defined in 20.11.2 NMAC? (See Definition of Qualified Small Business on Page 4)	Yes	<u>No</u>	

#### II. STATIONARY SOURCE APPLICATION REVIEW FEES:

If the application is for a new stationary source facility, please check all that apply. If this application is for a modification to an existing permit please see Section III.

Check All That Apply	Stationary Sources	Review Fee	Program Element
<b>Air Quality Notifications</b>			
	AQN New Application	\$641.00	2801
	AQN Technical Amendment	\$352.00	2802
	AQN Transfer of a Prior Authorization	\$352.00	2803
X	<i>Not Applicable</i>	<i>See Sections Below</i>	
<b>Stationary Source Review Fees (Not Based on Proposed Allowable Emission Rate)</b>			
	Source Registration required by 20.11.40 NMAC	\$ 657.00	2401
	A Stationary Source that requires a permit pursuant to 20.11.41 NMAC or other board regulations and are not subject to the below proposed allowable emission rates	\$1,314.00	2301
X	<i>Not Applicable</i>	<i>See Sections Below</i>	
<b>Stationary Source Review Fees (Based on the Proposed Allowable Emission Rate for the single highest fee pollutant)</b>			
	Proposed Allowable Emission Rate Equal to or greater than 1 tpy and less than 5 tpy	\$986.00	2302
	Proposed Allowable Emission Rate Equal to or greater than 5 tpy and less than 25 tpy	\$1,971.00	2303
	Proposed Allowable Emission Rate Equal to or greater than 25 tpy and less than 50 tpy	\$3,942.00	2304
	Proposed Allowable Emission Rate Equal to or greater than 50 tpy and less than 75 tpy	\$5,913.00	2305
	Proposed Allowable Emission Rate Equal to or greater than 75 tpy and less than 100 tpy	\$7,884.00	2306
	Proposed Allowable Emission Rate Equal to or greater than 100 tpy	\$9,855.00	2307
X	<i>Not Applicable</i>	<i>See Section Above</i>	

<b>Federal Program Review Fees (In addition to the Stationary Source Application Review Fees above)</b>			
	40 CFR 60 - "New Source Performance Standards" (NSPS)	\$1,314.00	2308
	40 CFR 61 - "Emission Standards for Hazardous Air Pollutants (NESHAPs)	\$1,314.00	2309
	40 CFR 63 - (NESHAPs) Promulgated Standards	\$1,314.00	2310
	40 CFR 63 - (NESHAPs) Case-by-Case MACT Review	\$13,140.00	2311
	20.11.61 NMAC, Prevention of Significant Deterioration (PSD) Permit	\$6,570.00	2312
	20.11.60 NMAC, Non-Attainment Area Permit	\$6,570.00	2313
X	<i>Not Applicable</i>	<i>Not Applicable</i>	

### III. MODIFICATION TO EXISTING PERMIT APPLICATION REVIEW FEES:

If the permit application is for a modification to an existing permit, please check all that apply. If this application is for a new stationary source facility, please see Section II.

Check All That Apply	Modifications	Review Fee	Program Element
<b>Modification Application Review Fees (Not Based on Proposed Allowable Emission Rate)</b>			
	Proposed modification to an existing stationary source that requires a permit pursuant to 20.11.41 NMAC or other board regulations and are not subject to the below proposed allowable emission rates	\$1,314	2321
X	<i>Not Applicable</i>	<i>See Sections Below</i>	
<b>Modification Application Review Fees (Based on the Proposed Allowable Emission Rate for the single highest fee pollutant)</b>			
	Proposed Allowable Emission Rate Equal to or greater than 1 tpy and less than 5 tpy	\$986.00	2322
	Proposed Allowable Emission Rate Equal to or greater than 5 tpy and less than 25 tpy	\$1,971.00	2323
	Proposed Allowable Emission Rate Equal to or greater than 25 tpy and less than 50 tpy	\$3,942.00	2324
	Proposed Allowable Emission Rate Equal to or greater than 50 tpy and less than 75 tpy	\$5,913.00	2325
X	Proposed Allowable Emission Rate Equal to or greater than 75 tpy and less than 100 tpy	\$7,884.00	2326
	Proposed Allowable Emission Rate Equal to or greater than 100 tpy	\$9,855.00	2327
	<i>Not Applicable</i>	<i>See Section Above</i>	
<b>Major Modifications Review Fees (In addition to the Modification Application Review Fees above)</b>			
	20.11.60 NMAC, Permitting in Non-Attainment Areas	\$6,570	2333
	20.11.61 NMAC, Prevention of Significant Deterioration	\$6,570	2334
X	<i>Not Applicable</i>	<i>Not Applicable</i>	
<b>Federal Program Review Fees (This section applies only if a Federal Program Review is triggered by the proposed modification) (These fees are in addition to the Modification and Major Modification Application Review Fees above)</b>			
	40 CFR 60 - "New Source Performance Standards" (NSPS)	\$1,314.00	2328
	40 CFR 61 - "Emission Standards for Hazardous Air Pollutants (NESHAPs)	\$1,314.00	2329
	40 CFR 63 - (NESHAPs) Promulgated Standards	\$1,314.00	2330
	40 CFR 63 - (NESHAPs) Case-by-Case MACT Review	\$13,140.00	2331
	20.11.61 NMAC, Prevention of Significant Deterioration (PSD) Permit	\$6,570.00	2332
	20.11.60 NMAC, Non-Attainment Area Permit	\$6,570.00	2333
X	<i>Not Applicable</i>	<i>Not Applicable</i>	



**IV. ADMINISTRATIVE AND TECHNICAL REVISION APPLICATION REVIEW FEES:**

If the permit application is for an administrative or technical revision of an existing permit issued pursuant to 20.11.41 NMAC, please check one that applies.

Check One	Revision Type	Review Fee	Program Element
	Administrative Revisions	\$ 250.00	2340
	Technical Revisions	\$ 500.00	2341
X	Not Applicable	See Sections II, III or V	

**V. PORTABLE STATIONARY SOURCE RELOCATION FEES:**

If the permit application is for a portable stationary source relocation of an existing permit, please check one that applies.

Check One	Portable Stationary Source Relocation Type	Review Fee	Program Element
	No New Air Dispersion Modeling Required	\$ 500.00	2501
	New Air Dispersion Modeling Required	\$ 750.00	2502
X	Not Applicable	See Sections II, III or V	

VI. Please submit a check or money order in the amount shown for the total application review fee.

Section Totals	Review Fee Amount
Section II Total	\$0.00
Section III Total	\$7,884.00
Section IV Total	\$0.00
Section V Total	\$0.00
<b>Total Application Review Fee</b>	<b>\$</b>

I, the undersigned, a responsible official of the applicant company, certify that to the best of my knowledge, the information stated on this checklist, give a true and complete representation of the permit application review fees which are being submitted. I also understand that an incorrect submittal of permit application reviews may cause an incompleteness determination of the submitted permit application and that the balance of the appropriate permit application review fees shall be paid in full prior to further processing of the application.

Signed this 30 day of March 2023

John Kaenig  
Print Name

VP Engineering, Operations  
Print Title

[Signature]  
Signature

**Definition of Qualified Small Business** as defined in 20.11.2 NMAC:

“Qualified small business” means a business that meets all of the following requirements:

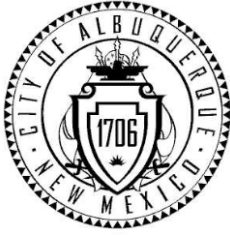
- (1) a business that has 100 or fewer employees;
- (2) a small business concern as defined by the federal Small Business Act;
- (3) a source that emits less than 50 tons per year of any individual regulated air pollutant, or less than 75 tons per year of all regulated air pollutants combined; and
- (4) a source that is not a major source or major stationary source.

**Note:** Beginning January 1, 2011, and every January 1 thereafter, an increase based on the consumer price index shall be added to the application review fees. The application review fees established in Subsection A through D of 20.11.2.18 NMAC shall be adjusted by an amount equal to the increase in the consumer price index for the immediately-preceding year. Application review fee adjustments equal to or greater than fifty cents (\$0.50) shall be rounded up to the next highest whole dollar. Application review fee adjustments totaling less than fifty cents (\$0.50) shall be rounded down to the next lowest whole dollar. The department shall post the application review fees on the city of Albuquerque environmental health department air quality program website.

## **APPENDIX B. PRE-PERMIT APPLICATION MEETING DOCUMENTATION**

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- Pre-Permit Application Meeting Request Form
- Pre-Permit Application Meeting Checklist



# City of Albuquerque

## Environmental Health Department

### Air Quality Program



## Pre-Permit Application Meeting Checklist

Any person seeking a permit under 20.11.41 NMAC, Authority-to-Construct Permits, shall do so by filing a written application with the Department. Prior to submitting an application, the applicant shall contact the department in writing and request a pre-application meeting for information regarding the contents of the application and the application process. This checklist is provided to aid the applicant and **a copy must be submitted with the application.**

Applications that are ruled incomplete because of missing information will delay any determination or the issuance of the permit. The Department reserves the right to request additional relevant information prior to ruling the application complete in accordance with 20.11.41 NMAC.

Name: NuStar Energy, LP  
Contact: Christopher Jimenez  
Company/Business: NuStar Energy, LP

- Fill out and submit a Pre-Permit Application Meeting Request form  
⇒ Available online at <http://www.cabq.gov/airquality>
- Emission Factors and Control Efficiencies  
Notes: N/A
- Air Dispersion modeling guidelines and protocol  
Notes: N/A – no changes in NAAQs pollutants.
- Department Policies  
Notes: N/A
- Air quality permit fees  
Notes: N/A

Ver. 11/13

City of Albuquerque- Environmental Health Department  
Air Quality Program- Permitting Section  
Phone: (505) 768-1972 Email: [aqd@cabq.gov](mailto:aqd@cabq.gov)

- ☑ Public notice requirements
  - Replacement Part 41 Implementation
    - ☑ 20.11.41.13 B. Applicant's public notice requirements
      - ☑ Providing public notice to neighborhood association/coalitions
        - Neighborhood association: Mountain View Commercial Property, Mountain View Community Action, Mountain View Neighborhood Association
        - Coalition: District 6 Coalition, South Valley Alliance, South Valley Coalition
    - Notes:
  - ☑ Posting and maintaining a weather-proof sign
    - Notes:

- ☑ Regulatory timelines
    - 30 days to rule application complete
    - 90 days to issue completed permit
    - Additional time allotted if there is significant public interest and/or a significant air quality issue
      - Public Information Hearing
      - Complex permitting action
- Notes: N/A



# Pre-Permit Application Meeting Request Form

## Air Quality Program- Environmental Health Department

Please complete appropriate boxes and email to [aqd@cabq.gov](mailto:aqd@cabq.gov) or mail to:

Environmental Health Department  
 Air Quality Program  
 P.O. Box 1293  
 Room 3047  
 Albuquerque, NM 87103

<b>Name:</b>	<b>NuStar Energy, L.P.</b>
<b>Company/Organization:</b>	<b>NuStar Energy, L.P.</b>
<b>Point of Contact:</b> (phone number and email): <b>Preferred form of contact (circle one):</b> Phone <u>E-mail</u>	Jaimy Karacaoglu <b>Phone:</b> 505.266.6611 <b>Email:</b> Jaimy.karacaoglu@trinityconsultants.com
<b>Preferred meeting date/times:</b>	A meeting is requested for the following dates and times (all Mountain): <ul style="list-style-type: none"> <li>• March 20, 2023: 10 am – 12 pm or 2 pm – 4 pm</li> <li>• March 21, 2023: 10 am – 12 pm</li> <li>• March 22, 2023: 9:30 am – 10:30 am, 1 pm-2 pm, or 3 pm-4 pm</li> <li>• March 23, 2023: 9 am – 10 am or 11 am – 2 pm</li> <li>• March 24, 2023: 10 am – 4 pm</li> </ul>
<b>Description of Project:</b>	NuStar plans to submit a modification application to revise the existing air quality Authority-to-Construct (ATC) Permit #0500-M3-3AR. The proposed changes are associated with the New Mexico Biodiesel Blend Mandate, which will require all diesel fuel sold for use in on-road motor vehicles to state agencies, political subdivisions of the state, and public schools to contain at least 5% biodiesel (B5) by April 15, 2022.  The permit will be updated to include the following changes to product storage and loadout: <ul style="list-style-type: none"> <li>- Tank 3M1 will be converted to store pure biodiesel (B100).</li> <li>- Tank 10M2 will be converted to a slop tank.</li> <li>- Approximately 18 new fugitive components will be added,</li> </ul>

City of Albuquerque- Environmental Health Department  
 Air Quality Program- Permitting Section  
 Phone: (505) 768-1972      Email: [aqd@cabq.gov](mailto:aqd@cabq.gov)

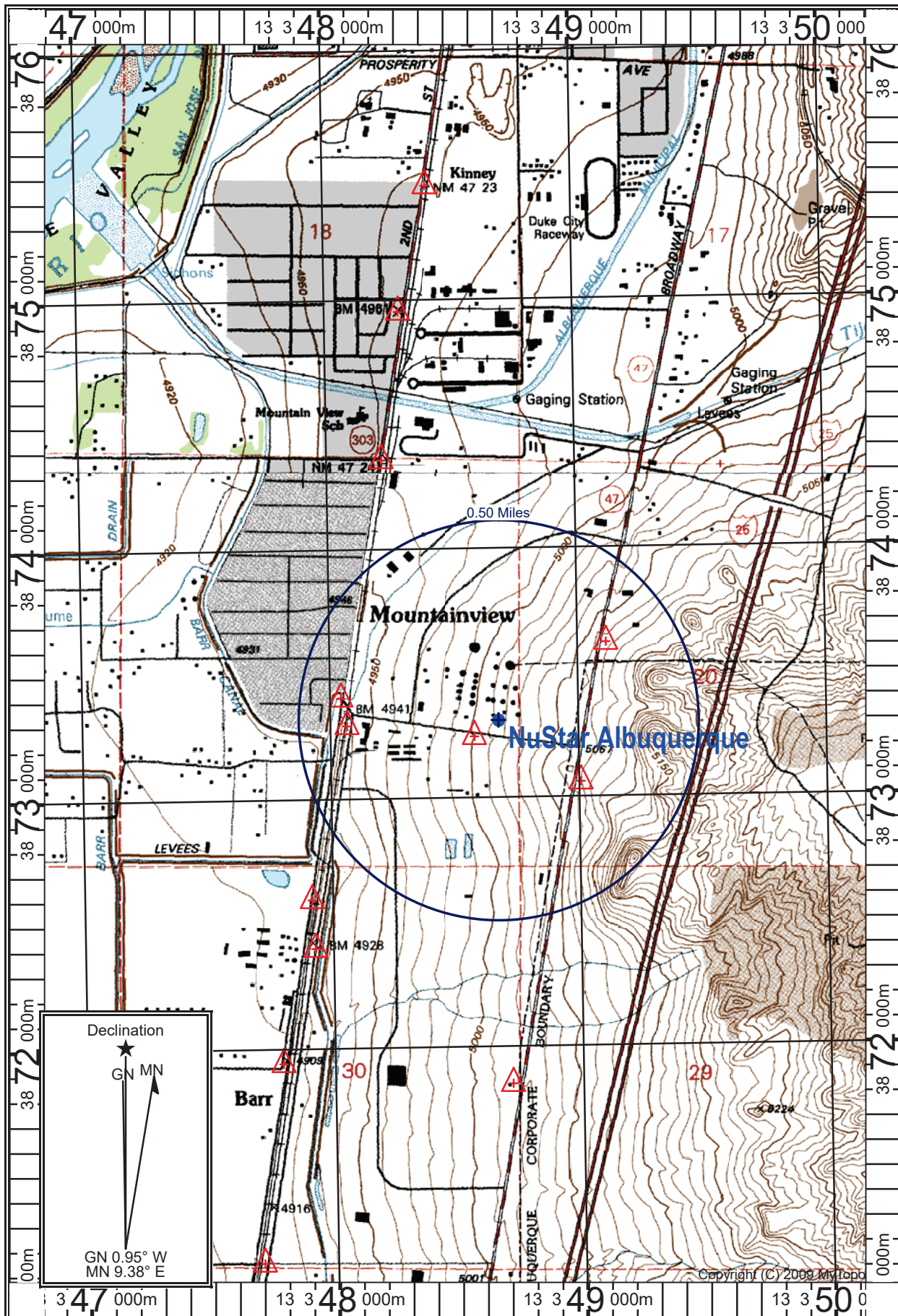
	<p>all in light liquid service, to complete the following:</p> <ul style="list-style-type: none"> <li>○ Extend the two slop lines from 3M1 to 10M2;</li> <li>○ Build a fill and load line from the offloading skid,</li> <li>○ Install new lines from 3M1 to the diesel loadout arms at the truck rack; and</li> <li>○ Build new ethanol and B100 offloading skids.</li> </ul> <p>The currently permitted fugitive component emissions (EU5) have been reviewed and it was determined that there are more fugitive components onsite than currently authorized in the air permit; therefore, there will be a slight increase in fugitive component ton per year (tpy) volatile organic compound (VOC) emissions and this change to EU5 will be requested with this application.</p> <p>Storage Tanks 3M1 and 10M2, or Emission Units (EU) 1a and 1c, are both currently included under EU1. The emissions for EU1 are estimated using gasoline; therefore, the tanks under this unit are permitted to store gasoline, diesel fuel, turbine fuel, ethanol, and other petroleum products/additives with a true vapor pressure equal to or less than gasoline. No changes to EU1 are requested with this modification. Putting the tanks into biodiesel/slop service is fully authorized in ATC Permit No. 0500-M3-3AR.</p> <p>The new biodiesel loadout will displace 5% of the existing permitted loadout throughput; therefore, there will be no increase in throughput or emissions requested for hourly or annual loadout. No change to EU3 is requested.</p>
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## **APPENDIX C. FACILITY PFD, LOCATION, AND AERIAL PHOTOGRAPH**

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- Facility Location Map
- Aerial Photograph of Facility Process Locations





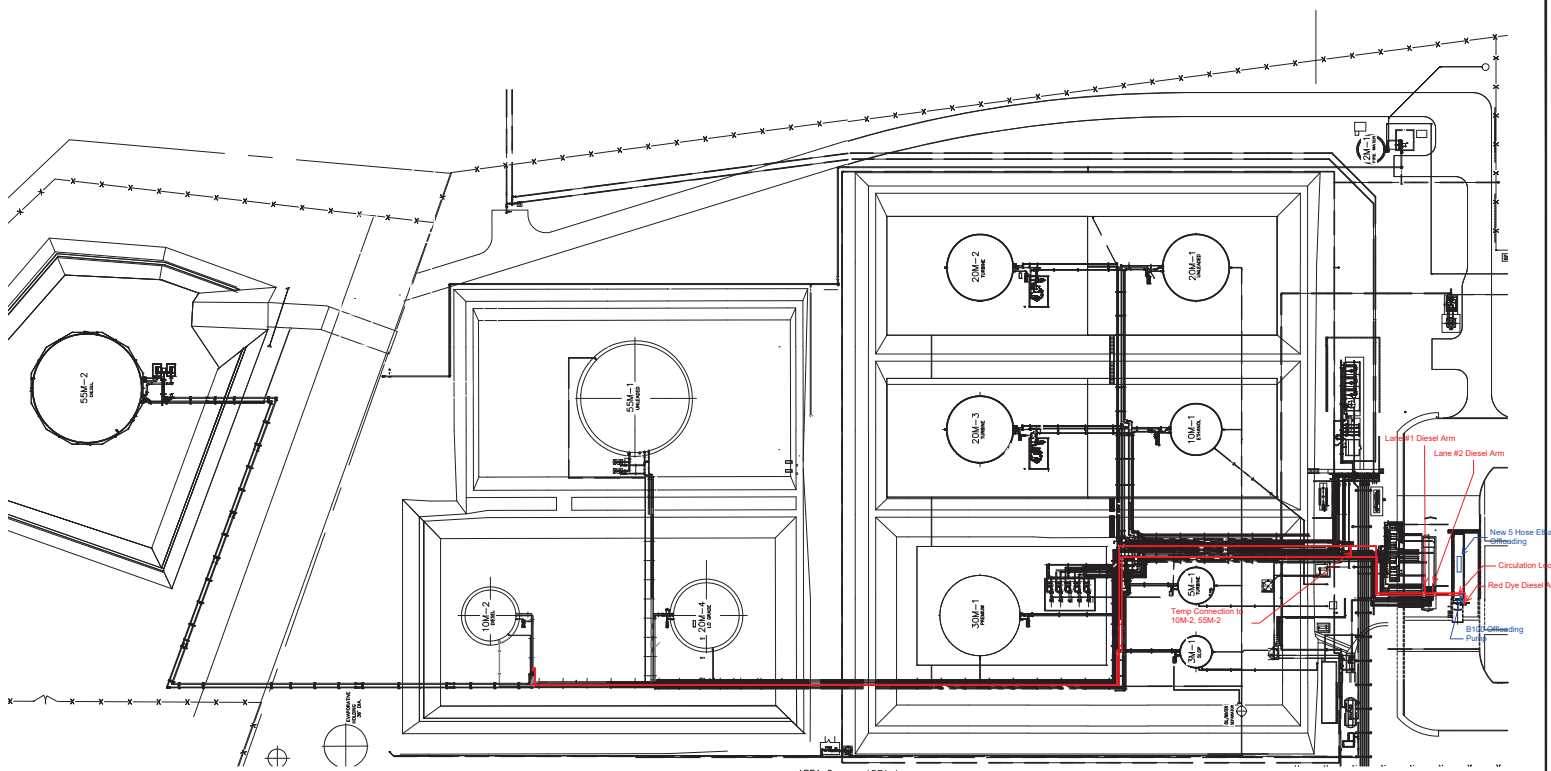
Map Name: ISLETA  
 Print Date: 06/01/22

Scale: 1 inch = 1,833 ft.  
 Map Center: 13 0348506 E 38735

Horizontal Datum: WGS84

Copyright (C) 2009 MyTopo





AREA 2 21-003    AREA 1 21-002

**NOTES:**  
 CONTRACTOR TO FIELD VERIFY  
 ALL DIMENSIONS AND ELEVATIONS PRIOR  
 TO FABRICATION AND INSTALLATION

**REFERENCE DRAWINGS:**


NO.	REVISION	BY	DATE	APR
0	ISSUED FOR CONSTRUCTION	J.M.	5/28/05	



6000 N Loop 1604 West  
 San Antonio, Texas 78249  
 Tel: (210) 852-5000  
 Fax: (210) 852-5311



**PROJECT LOCATION:** Bernalillo County, NM

DRAWN BY: WJM/ZM	DATE: 1/15/05
CHECKED: WJM/ZM	DATE: 3/25/05
APPROVED: BDM	DATE: 5/28/05
SCALE: 1" = 40'	


**ALBUQUERQUE PRODUCTS TERMINAL  
 DRAWING INDEX &  
 PLOT PLAN**

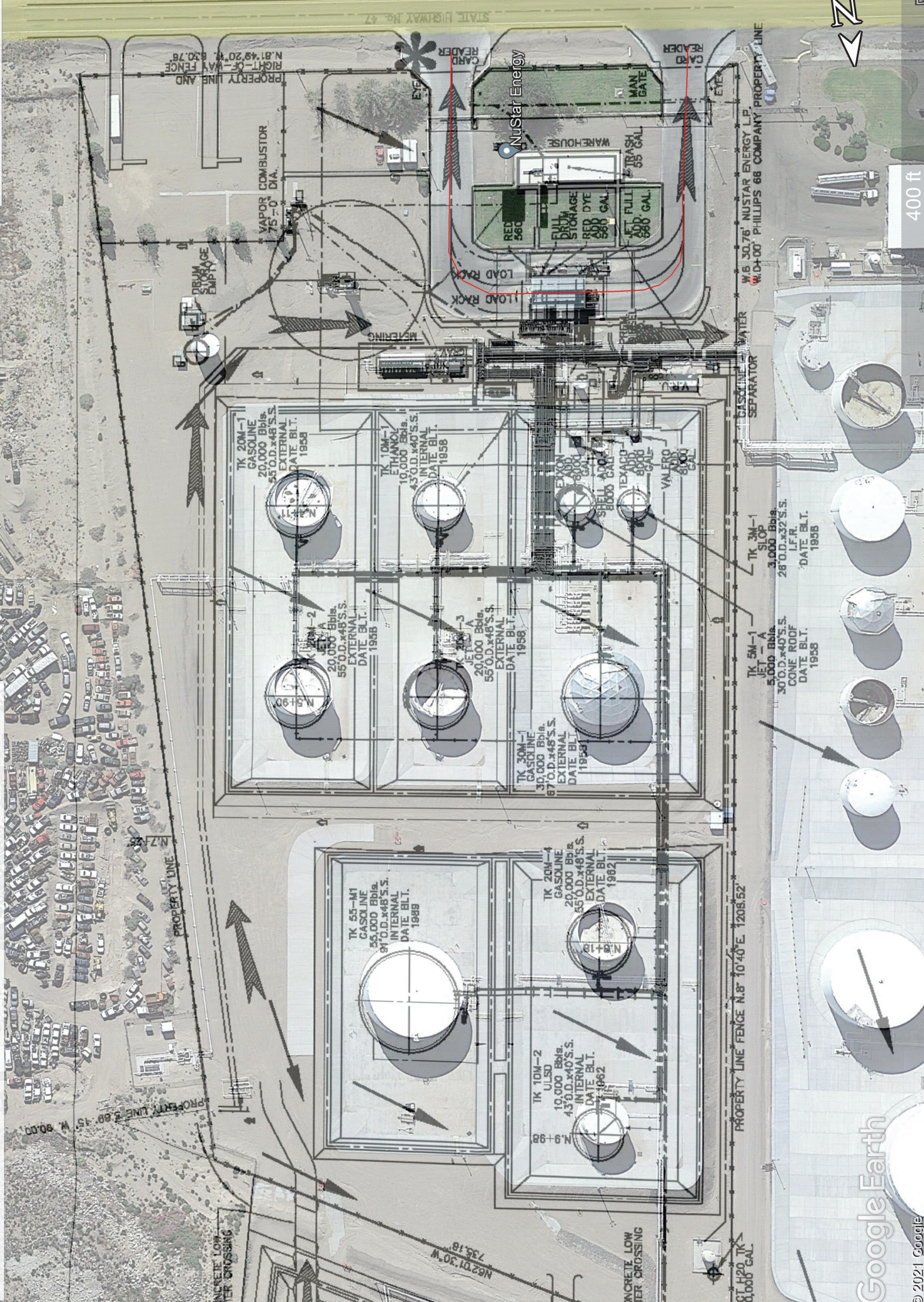
PROJECT NO. VLI04-02287	
DRAWING NO. ATAP-ALBT-21-001	REV. 1



# NuStar - Albuquerque Products Terminal

**Legend**

 Paved Haul Road





## **APPENDIX D. AIR EMISSION CALCULATIONS**

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**Albuquerque Products Terminal  
Potential Emission Rate  
Fugitive Components**

Component	Component Counts <sup>(1,5)</sup>	Service	Emission Factor <sup>(2)</sup> (kg/hr/source)	Emission Factor (lb/hr/source)	Fugitive VOC Emissions <sup>(3)</sup> (lb/yr)	Fugitive VOC Emissions (lb/hr)	Fugitive VOC Emissions (ton/yr)	HAP Emissions (ton/yr)								Total HAP
								Vapor-Weight Percent HAP ==>								
								0.680%	0.790%	3.540%	5.370%	0.290%	0.590%	17.750%	20.790%	--
								Isooctane	Benzene	Ethylbenzene	Hexane (n)	Isopropyl benzene	Naphthalene	Toluene	Xylene (m)	
Valves	922	Light Liquid	4.30E-05	9.47E-05	765	0.087	0.38	0.0026	0.0030	0.0135	0.021	0.00111	0.0023	0.068	0.080	0.190
Flanges	4,318	Light Liquid	8.00E-06	1.76E-05	667	0.076	0.33	0.0023	0.0026	0.0118	0.0179	0.00097	0.00197	0.059	0.069	0.166
Other	-	Light Liquid	1.30E-04	2.86E-04	-	-	-	-	-	-	-	-	-	-	-	-
Pump Seals	20	Light Liquid	5.40E-04	1.19E-03	208	0.024	0.104	0.00071	0.00082	0.0037	0.0056	0.00030	0.00061	0.0185	0.022	0.052
Valves	180	Gas	1.30E-05	2.86E-05	45	0.0052	0.023	0.00015	0.00018	0.00080	0.00121	0.00007	0.00013	0.0040	0.0047	0.0112
Flanges	132	Gas	4.20E-05	9.25E-05	107	0.0122	0.053	0.00036	0.00042	0.00189	0.0029	0.00016	0.00032	0.0095	0.0111	0.027
Other	14	Gas	1.20E-04	2.64E-04	32	0.0037	0.0162	0.00011	0.00013	0.00057	0.00087	0.00005	0.00010	0.0029	0.0034	0.0081
Pump Seals	-	Gas	6.50E-05	1.43E-04	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Emissions</b>					<b>1,824.4</b>	<b>0.21</b>	<b>0.91</b>	<b>0.0062</b>	<b>0.0072</b>	<b>0.032</b>	<b>0.049</b>	<b>0.0026</b>	<b>0.0054</b>	<b>0.162</b>	<b>0.190</b>	<b>0.45</b>

**Notes:**

- (1) Component counts are from "ALB Monthly AVO Checklist 5-2019" Excel spreadsheet.
- (2) Table 2-3 Light liquid emission factors, Marketing Terminal Average Emission Factors from Protocol for Equipment Leak Emission Estimates, USEPA Office of Air Quality Planning and Standards, November 1995 (EPA-453/R-95-017).
- (3) Assumes 8760 hour of operation per year.
- (4) "Other" equipment in gas service includes flame arrestors.
- (5) Assumes conservative estimate with 100% safety factor.

**APPENDIX E. SUPPORTING DOCUMENTATION**

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## EPA Protocol for Equipment Leak Emission Estimates

TABLE 2-2. REFINERY AVERAGE EMISSION FACTORS<sup>a</sup>

Equipment type	Service	Emission factor (kg/hr/source) <sup>b</sup>
Valves	Gas	0.0268
	Light liquid	0.0109
	Heavy liquid	0.00023
Pump seals <sup>c</sup>	Light liquid	0.114
	Heavy liquid	0.021
Compressor seals	Gas	0.636
Pressure relief valves	Gas	0.16
Connectors	All	0.00025
Open-ended lines	All	0.0023
Sampling connections	All	0.0150

<sup>a</sup>Source: Reference 2.

<sup>b</sup>These factors are for non-methane organic compound emission rates.

<sup>c</sup>The light liquid pump seal factor can be used to estimate the leak rate from agitator seals.

TABLE 2-3. MARKETING TERMINAL AVERAGE EMISSION FACTORS

Equipment type	Service	Emission factor (kg/hr/source) <sup>a</sup>
Valves	Gas	1.3E-05
	Light Liquid	4.3E-05
Pump seals	Gas	6.5E-05
	Light Liquid	5.4E-04
Others (compressors and others) <sup>b</sup>	Gas	1.2E-04
	Light Liquid	1.3E-04
Fittings (connectors and flanges) <sup>c</sup>	Gas	4.2E-05
	Light Liquid	8.0E-06

<sup>a</sup>These factors are for total organic compound emission rates (including non-VOC's such as methane and ethane).

<sup>b</sup>The "other" equipment type should be applied for any equipment type other than fittings, pumps, or valves.

<sup>c</sup>"Fittings" were not identified as flanges or non-flanged connectors; therefore, the fitting emissions were estimated by averaging the estimates from the connector and the flange correlation equations.

TABLE 2-4. OIL AND GAS PRODUCTION OPERATIONS AVERAGE EMISSION FACTORS (kg/hr/source)

Equipment Type	Service <sup>a</sup>	Emission Factor (kg/hr/source) <sup>b</sup>
Valves	Gas	4.5E-03
	Heavy Oil	8.4E-06
	Light Oil	2.5E-03
	Water/Oil	9.8E-05
Pump seals	Gas	2.4E-03
	Heavy Oil	NA
	Light Oil	1.3E-02
	Water/Oil	2.4E-05
Others <sup>c</sup>	Gas	8.8E-03
	Heavy Oil	3.2E-05
	Light Oil	7.5E-03
	Water/Oil	1.4E-02
Connectors	Gas	2.0E-04
	Heavy Oil	7.5E-06
	Light Oil	2.1E-04
	Water/Oil	1.1E-04
Flanges	Gas	3.9E-04
	Heavy Oil	3.9E-07
	Light Oil	1.1E-04
	Water/Oil	2.9E-06
Open-ended lines	Gas	2.0E-03
	Heavy Oil	1.4E-04
	Light Oil	1.4E-03
	Water/Oil	2.5E-04

<sup>a</sup>Water/Oil emission factors apply to water streams in oil service with a water content greater than 50%, from the point of origin to the point where the water content reaches 99%. For water streams with a water content greater than 99%, the emission rate is considered negligible.

<sup>b</sup>These factors are for total organic compound emission rates (including non-VOC's such as methane and ethane) and apply to light crude, heavy crude, gas plant, gas production, and off shore facilities. "NA" indicates that not enough data were available to develop the indicated emission factor.

<sup>c</sup>The "other" equipment type was derived from compressors, diaphragms, drains, dump arms, hatches, instruments, meters, pressure relief valves, polished rods, relief valves, and vents. This "other" equipment type should be applied for any equipment type other than connectors, flanges, open-ended lines, pumps, or valves.



## **APPENDIX F. PUBLIC NOTICE REQUIREMENTS**

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- Notice of Intent to Construct
- Email Documentation of NOI Sent to Neighborhood Associations and Coalitions
- Public Notice Sign Guidelines
- Pictures of Posted Public Notice Sign

**SUBJECT: Public Notice of Proposed Air Quality Construction Permit Application**

Dear Neighborhood Association/Coalition Representative(s),

***Why did I receive this public notice?***

You are receiving this notice in accordance with New Mexico Administrative Code (NMAC) 20.11.41.13.B(1) which requires any applicant seeking an Air Quality Construction Permit pursuant to 20.11.41 NMAC to provide public notice by certified mail or electronic mail to the designated representative(s) of the recognized neighborhood associations and recognized coalitions that are within one-half mile of the exterior boundaries of the property on which the source is or is proposed to be located.

***What is the Air Quality Permit application review process?***

The City of Albuquerque, Environmental Health Department, Air Quality Program (Program) is responsible for the review and issuance of Air Quality Permits for any stationary source of air contaminants within Bernalillo County. Once the application is received, the Program reviews each application and rules it either complete or incomplete. Complete applications will then go through a 30-day public comment period. Within 90 days after the Program has ruled the application complete, the Program shall issue the permit, issue the permit subject to conditions, or deny the requested permit or permit modification. The Program shall hold a Public Information Hearing pursuant to 20.11.41.15 NMAC if the Director determines there is significant public interest and a significant air quality issue is involved.

***What do I need to know about this proposed application?***

Applicant Name	NuStar Energy, LP
Site or Facility Name	NuStar Energy, LP
Site or Facility Address	6348 Desert Rd. SE, Albuquerque, NM 87105
New or Existing Source	EXISTING
Anticipated Date of Application Submittal	April 7, 2023
Summary of Proposed Source to Be Permitted	NuStar is seeking a modification to comply with the New Mexico Biodiesel Blend Mandate. The mandate will require all diesel fuel sold for use in on-road motor vehicles to state agencies, political subdivisions of the state, and public schools to contain at least 5% biodiesel. As a result, there will be a slight increase in fugitive component tpy VOC emissions.

***What emission limits and operating schedule are being requested?***

See attached Notice of Intent to Construct form for this information.

***How do I get additional information regarding this proposed application?***

For inquiries regarding the proposed source, contact:

- Christopher Jimenez
- [christopher.jimenez@nustarenergy.com](mailto:christopher.jimenez@nustarenergy.com)
- (210) 249-1970

For inquiries regarding the air quality permitting process, contact:

- City of Albuquerque Environmental Health Department Air Quality Program
- [aqd@cabq.gov](mailto:aqd@cabq.gov)
- (505) 768-1972

# NOTICE FROM THE APPLICANT

## Notice of Intent to Apply for Air Quality Construction Permit

You are receiving this notice because the New Mexico Air Quality Control Act (20.11.41.13B NMAC) requires any owner/operator proposing to construct or modify a facility subject to air quality regulations to provide public notice by certified mail or electronic mail to designated representatives of recognized neighborhood associations and coalitions within 0.5-mile of the property on which the source is or is proposed to be located.

This notice indicates that the owner/operator intends to apply for an Air Quality Construction Permit from the Albuquerque – Bernalillo County Joint Air Quality Program. Currently, no application for this proposed project has been submitted to the Air Quality Program. Applicants are required to include a copy of this form and documentation of mailed notices with their Air Quality Construction Permit Application.

### Proposed Project Information

**Applicant's name and address:**

*Nombre y domicilio del solicitante:*

NuStar Energy, LP, 6348 Desert Rd. SE, Albuquerque, NM 87105

**Owner / operator's name and address:**

*Nombre y domicilio del propietario u operador:*

NuStar Energy, LP, 6348 Desert Rd. SE, Albuquerque, NM 87105

**Contact for comments and inquires:**

*Datos actuales para comentarios y preguntas:*

Name (*Nombre*): Christopher Jimenez

Address (*Domicilio*): 6348 Desert Rd. SE, Albuquerque, NM 87105

Phone Number (*Número Telefónico*): (210) 249-1970

E-mail Address (*Correo Electrónico*): christopher.jimenez@nustarenergy.com

**Actual or estimated date the application will be submitted to the department:**

*Fecha actual o estimada en que se entregará la solicitud al departamento:* April 2023

**Description of the source:**

*Descripción de la fuente:* Refined Products Terminal

**Exact location of the source or proposed source:**

*Ubicación exacta de la fuente o fuente propuesta:*

6348 Desert Rd. SE, Albuquerque, NM 87105

**Nature of business:**

*Tipo de negocio:* Refined Products Terminal

**Process or change for which the permit is requested:**

*Proceso o cambio para el cuál de solicita el permiso:*

NuStar is seeking a modification to comply with the New Mexico Biodiesel Blend Mandate. The mandate will require all diesel fuel sold for use in on-road motor vehicles to state agencies, political subdivisions of the state, and public schools to contain at least 5% biodiesel. As a result, there will be a slight increase in fugitive component tpy VOC emissions.

**Maximum operating schedule:**

*Horario máximo de operaciones:* 8,760 hours per year

**Normal operating schedule:**

*Horario normal de operaciones:* 8,760 hours per year

**Preliminary estimate of the maximum quantities of each regulated air contaminant the source will emit:**  
*Estimación preliminar de las cantidades máximas de cada contaminante de aire regulado que la fuente va a emitir:*

Air Contaminant <i>Contaminante de aire</i>	Proposed Construction Permit <i>Permiso de Construcción Propuesto</i>		Net Changes <b>(for permit modification or technical revision)</b> <i>Cambio Neto de Emisiones</i> <i>(para modificación de permiso o revisión técnica)</i>	
	pounds per hour <i>libras por hora</i>	tons per year <i>toneladas por año</i>	pounds per hour <i>libras por hora</i>	tons per year <i>toneladas por año</i>
<b>NO<sub>x</sub></b>	3.4	3.5	0.00	0.00
<b>CO</b>	8.4	8.8	0.00	0.00
<b>VOC</b>	79.1	97.4	+0.1	+0.55
<b>SO<sub>2</sub></b>	N/A	N/A	N/A	N/A
<b>PM<sub>10</sub></b>	N/A	N/A	N/A	N/A
<b>PM<sub>2.5</sub></b>	N/A	N/A	N/A	N/A
<b>HAP</b>	N/A	13.3	N/A	+0.25

\* "N/A" includes air contaminants that do not have a permitted emission rate

**Questions or comments regarding this Notice of Intent should be directed to the Applicant.** Contact information is provided with the Proposed Project Information on the first page of this notice. To check the status of an Air Quality Construction Permit application, call 311 and provide the Applicant's information, or visit [www.cabq.gov/airquality/air-quality-permits](http://www.cabq.gov/airquality/air-quality-permits).

The Air Quality Program will issue a Public Notice announcing a 30-day public comment period on the permit application for the proposed project when the application is deemed complete. The Air Quality Program does not process or issue notices on applications that are deemed incomplete. More information about the air quality permitting process is attached to this notice.

## Air Quality Construction Permitting Overview

This is the typical process to obtain an Air Quality Construction Permit for Synthetic Minor and Minor sources of air pollution from the Albuquerque – Bernalillo County Joint Air Quality Program.

**Step 1: Pre-application Meeting:** The Applicant and their consultant must request a meeting with the Air Quality Program to discuss the proposed action. If air dispersion modeling is required, Air Quality Program staff discuss the modeling protocol with the Applicant to ensure that all proposed emissions are considered.

**Notice of Intent from the Applicant:** Before submitting their application, the Applicant is required to notify all nearby neighborhood associations and interested parties that they intend to apply for an air quality permit or modify an existing permit. The Applicant is also required to post a notice sign at the facility location.

**Step 2: Administrative Completeness Review and Preliminary Technical Review:** The Air Quality Program has 30 days from the day the permit is received to review the permit application to be sure that it is administratively complete. This means that all application forms must be signed and filled out properly, and that all relevant technical information needed to evaluate any proposed impacts is included. If the application is not complete, the permit reviewer will return the application and request more information from the Applicant. Applicants have three opportunities to submit an administratively complete application with all relevant technical information.

**Public Notice from the Department:** When the application is deemed complete, the Department will issue a Public Notice announcing a 30-day public comment period on the permit application. This notice is distributed to the same nearby neighborhood associations and interested parties that the Applicant sent notices to, and published on the Air Quality Program's website.

During this 30-day comment period, individuals have the opportunity to submit written comments expressing their concerns or support for the proposed project, and/or to request a Public Information Hearing. If approved by the Environmental Health Department Director, Public Information Hearings are held after the technical analysis is complete and the permit has been drafted.

**Step 3: Technical Analysis and Draft Permit:** Air Quality Program staff review all elements of the proposed operation related to air quality, and review outputs from advanced air dispersion modeling software that considers existing emission levels in the area surrounding the proposed project, emission levels from the proposed project, and meteorological data. The total calculated level of emissions is compared to state and federal air quality standards and informs the decision on whether to approve or deny the Applicant's permit.

**Draft Permit:** The permit will establish emission limits, standards, monitoring, recordkeeping, and reporting requirements. The draft permit undergoes an internal peer review process to determine if the emissions were properly evaluated, permit limits are appropriate and enforceable, and the permit is clear, concise, and consistent.

**Public Notice from the Department:** When the technical analysis is complete and the permit has been drafted, the Department will issue a second Public Notice announcing a 30-day public comment period on the technical analysis and draft permit. This second Public Notice, along with the technical analysis documentation and draft permit, will be published on the Air Quality Program's website, and the public notice for availability of the technical analysis and draft permit will only be directly sent to those who requested further information during the first comment period.

## Air Quality Construction Permitting Overview

During this second 30-day comment period, residents have another opportunity to submit written comments expressing their concerns or support for the proposed project, and/or to request a Public Information Hearing.

**Possible Public Information Hearing:** The Environmental Health Department Director may decide to hold a Public Information Hearing for a permit application if there is significant public interest and a significant air quality issue. If a Public Information Hearing is held, it will occur after the technical analysis is complete and the permit has been drafted.

**Step 4: Public Comment Evaluation and Response:** The Air Quality Program evaluates all public comments received during the two 30-day public comment periods and Public Information Hearing, if held, and updates the technical analysis and draft permit as appropriate. The Air Quality Program prepares a response document to address the public comments received, and when a final decision is made on the permit application, the comment response document is published on the Air Quality Program's website and distributed to the individuals who participated in the permit process. If no comments are received, a response document is not prepared.

**Step 5: Final Decision on the Application:** After public comments are addressed and the final technical review is completed, the Environmental Health Department makes a final decision on the application. If the permit application meets all applicable requirements set forth by the New Mexico Air Quality Control Act and the federal Clean Air Act, the permit is approved. If the permit application does not meet all applicable requirements, it is denied.

Notifications of the final decision on the permit application and the availability of the comment response document is published on the Air Quality Program's website and distributed to the individuals who participated in the permit process.

**The Department must approve** a permit application if the proposed action will meet all applicable requirements and if it demonstrates that it will not result in an exceedance of ambient air quality standards. Permit writers are very careful to ensure that estimated emissions have been appropriately identified or quantified and that the emission data used are acceptable.

**The Department must deny** a permit application if it is deemed incomplete three times, if the proposed action will not meet applicable requirements, if estimated emissions have not been appropriately identified or quantified, or if the emission data are not acceptable for technical reasons.

*For more information about air quality permitting, visit [www.cabq.gov/airquality/air-quality-permits](http://www.cabq.gov/airquality/air-quality-permits)*



**Timothy M. Keller,**  
Mayor

## Public Participation

### List of Neighborhood Associations and Neighborhood Coalitions MEMORANDUM

**To:** Jaimy Karacaoglu, Consultant  
**From:** Angela Lopez, Air Quality Permitting Manager  
**Subject:** Determination of Neighborhood Associations and Coalitions  
within 0.5 mile of 6348 Desert Road SE in Bernalillo County, NM  
**Date:** March 28, 2023

#### DETERMINATION:

On March 28, 2023 I used the City of Albuquerque Zoning Advanced Map Viewer (<http://coagisweb.cabq.gov/>) to verify which City of Albuquerque Neighborhood Associations (NA), Homeowner Associations (HOA) and Neighborhood Coalitions (NC) are located within 0.5 mile of 6348 Desert Road SE in Bernalillo County, NM.

I then used the City of Albuquerque Office (COA) of Neighborhood Coordination's Monthly Master NA List dated March 2023 and the Bernalillo County (BC) Monthly Neighborhood Association March 2023 Excel file to determine the contact information for each NA and NC located within 0.5 mile of 6348 Desert Road SE in Bernalillo County, NM.

The table below contains the contact information, which will be used in the City of Albuquerque Environmental Health Department's public notice. Duplicates have been deleted.

<b>COA/BC Association or Coalition</b>	<b>Name</b>	<b>Email or Mailing Address*</b>
District 6 Coalition	Patricia Willson Mandy Warr	<a href="mailto:info@willsonstudio.com">info@willsonstudio.com</a> <a href="mailto:mandy@theremedadayspa.com">mandy@theremedadayspa.com</a> <a href="http://www.district6coalition.com">www.district6coalition.com</a>
Mountain View Commercial Property	Richard Luna Ralph H. Hoffman	<a href="mailto:richard@championtruss.com">richard@championtruss.com</a> <a href="mailto:ralphh@kinneybrick.com">ralphh@kinneybrick.com</a>
Mountain View Community Action	Marla Painter Alan Marks	<a href="mailto:marladesk@gmail.com">marladesk@gmail.com</a> <a href="mailto:jamar@unm.edu">jamar@unm.edu</a>
Mountain View Neighborhood Association	Nora Garcia Julian Vargas	<a href="mailto:ngarcia49@yahoo.com">ngarcia49@yahoo.com</a> <a href="mailto:javargasconst@gmail.com">javargasconst@gmail.com</a>
South Valley Alliance	Sara Newton Juarez Zoe Economou	<a href="mailto:snjart@yahoo.com">snjart@yahoo.com</a> <a href="mailto:zoecon@unm.edu">zoecon@unm.edu</a>



**Timothy M. Keller,**  
Mayor

## Public Participation

### List of Neighborhood Associations and Neighborhood Coalitions MEMORANDUM

South Valley Coalition	Peter Eschman Patricio Dominguez Robert Trujillo	<a href="mailto:eschman@unm.edu">eschman@unm.edu</a> <a href="mailto:dpatriciod@gmail.com">dpatriciod@gmail.com</a> <a href="mailto:rttrujil22@gmail.com">rttrujil22@gmail.com</a> <a href="http://www.svcna.org">www.svcna.org</a>
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*\*If email address is not listed, provide public notice via certified mail and include a copy of each mail receipt with the application submittal.*



## Jaimy Karacaoglu

---

**From:** Jaimy Karacaoglu  
**Sent:** Friday, April 7, 2023 10:42 AM  
**To:** info@willsonstudio.com; mandy@theremedayspa.com; richard@championtruss.com; Ralph Hoffman; marladesk@gmail.com; jamar@unm.edu; ngarcia49@yahoo.com; javargasconst@gmail.com; snjart@yahoo.com; zoecon@unm.edu; eschman@unm.edu; dpatriciod@gmail.com; rttrujil22@gmail.com  
**Cc:** Lopez, Angela; EHD, AQD; Tofte, Casey  
**Subject:** Public Notice of Proposed Air Quality Construction Permit Application - NuStar Energy, LP  
**Attachments:** NuStar\_NOI\_v1.0 2023-0407.pdf

Dear Neighborhood Association/Coalition Representative(s),

### ***Why did I receive this public notice?***

You are receiving this notice in accordance with New Mexico Administrative Code (NMAC) 20.11.41.13.B(1) which requires any applicant seeking an Air Quality Construction Permit pursuant to 20.11.41 NMAC to provide public notice by certified mail or electronic mail to the designated representative(s) of the recognized neighborhood associations and recognized coalitions that are within one-half mile of the exterior boundaries of the property on which the source is or is proposed to be located.

### ***What is the Air Quality Permit application review process?***

The City of Albuquerque, Environmental Health Department, Air Quality Program (Program) is responsible for the review and issuance of Air Quality Permits for any stationary source of air contaminants within Bernalillo County. Once the application is received, the Program reviews each application and rules it either complete or incomplete. Complete applications will then go through a 30-day public comment period. Within 90 days after the Program has ruled the application complete, the Program shall issue the permit, issue the permit subject to conditions, or deny the requested permit or permit modification. The Program shall hold a Public Information Hearing pursuant to 20.11.41.15 NMAC if the Director determines there is significant public interest and a significant air quality issue is involved.

### ***What do I need to know about this proposed application?***

Applicant Name	NuStar Energy, LP
Site or Facility Name	NuStar Energy, LP
Site or Facility Address	6348 Desert Rd. SE, Albuquerque, NM 87105
New or Existing Source	EXISTING
Anticipated Date of Application Submittal	April 7, 2023
Summary of Proposed Source to Be Permitted	NuStar is seeking a modification to comply with the New Mexico Biodiesel Blend Mandate. The mandate will require all diesel fuel sold for use in on-road motor vehicles to state agencies, political subdivisions of the state, and public schools to contain at least 5% biodiesel. As a result, there will be a slight increase in fugitive component tpy VOC emissions.

### ***What emission limits and operating schedule are being requested?***

See attached Notice of Intent to Construct form for this information.

### ***How do I get additional information regarding this proposed application?***

For inquiries regarding the proposed source, contact:

- Christopher Jimenez
- [Christopher.jimenez@nustarenergy.com](mailto:Christopher.jimenez@nustarenergy.com)
- (210) 249-1970

For inquiries regarding the air quality permitting process, contact:

- City of Albuquerque Environmental Health Department Air Quality Program
- [aqd@cabq.gov](mailto:aqd@cabq.gov)
- (505) 768-1972

Regards,

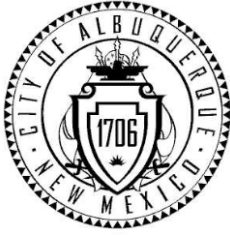
**Jaimy Karacaoglu**  
Consultant

9400 Holly Avenue NE, Building 3, Suite B, Albuquerque, NM 87122  
Email: [jaimy.karacaoglu@trinityconsultants.com](mailto:jaimy.karacaoglu@trinityconsultants.com)



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# City of Albuquerque

## Environmental Health Department

### Air Quality Program



### Public Notice Sign Guidelines

Any person seeking a permit under 20.11.41 NMAC, Authority-to-Construct Permits, shall do so by filing a written application with the Department. *Prior to submitting an application, the applicant shall post and maintain a weather-proof sign provided by the department. The applicant shall keep the sign posted until the department takes final action on the permit application; if an applicant can establish to the department's satisfaction that the applicant is prohibited by law from posting, at either location required, the department may waive the posting requirement and may impose different notification requirements. A copy of this form must be submitted with your application.*

Applications that are ruled incomplete because of missing information will delay any determination or the issuance of the permit. The Department reserves the right to request additional relevant information prior to ruling the application complete in accordance with 20.11.41 NMAC.

Name: NuStar Energy, LP  
Contact: Christopher Jimenez  
Company/Business: NuStar Energy, LP

The sign must be posted at the more visible of either the proposed or existing facility entrance (or, if approved in advance and in writing by the department, at another location on the property that is accessible to the public)

The sign shall be installed and maintained in a condition such that members of the public can easily view, access, and read the sign at all times.

The lower edge of the sign board should be mounted a minimum of 2' above the existing ground surface to facilitate ease of viewing

Attach a picture of the completed, properly posted sign to this document

Check here if the department has waived the sign posting requirement.

Alternative public notice details:



**Proposed Air Quality Construction Permit**  
 Permiso de Construcción de Calidad del Aire

1. Applicant's Name: **NuStar Energy, LP**  
 Owner or Operator: **NuStar Energy, LP**  
 Applicant's Address: **10000 W. 1st Avenue, Suite 100, Aurora, CO 80015**

2. Annual or Estimated Date the Application will be Submitted to: **April 2025**

3. Exact Location of the Source or Proposed Project: **10349 Desert Rd SE, Albuquerque, NM 87105**

4. Description of the Activity:  
 Site Address: **10349 Desert Rd SE, Albuquerque, NM 87105**  
 Name of Business: **Refined Products Terminal**  
 Nature of Business: **Refined Products Terminal**  
 Project Description: **Construction of a new 100,000 Bbl Storage Tank. As a result, there will be no new sources of emissions. The project will consist of the construction of a new 100,000 Bbl Storage Tank. The project will consist of the construction of a new 100,000 Bbl Storage Tank. The project will consist of the construction of a new 100,000 Bbl Storage Tank.**

Air Contaminant	Proposed Construction Activity		Net Change (Increase/Decrease)	
	Annual (lb/day)	Maximum (lb/day)	Annual (lb/day)	Maximum (lb/day)
PM <sub>10</sub>	5.34	2.5	0.00	0.00
CO	5.41	3.2	0.00	0.00
SO <sub>2</sub>	15.1	2.4	0.00	0.00
NO <sub>x</sub>	N/A	N/A	N/A	N/A
NO <sub>2</sub>	N/A	N/A	N/A	N/A
PM <sub>2.5</sub>	N/A	15.2	N/A	15.2

5. Permit Fee: **\$ 1,500** (Annual)  
 Normal Operation Schedule: **8:00 AM - 5:00 PM**  
 Hours of Operation: **8:00 AM - 5:00 PM**

6. Contact Person/Information for Construction and Inspection:  
 Name: **Carla Mocher Jimenez**  
 Address: **10349 Desert Rd SE, Albuquerque, NM 87105**  
 Phone Number: **(505) 244-1930**  
 Email Address: **carla.mocher@nustar.com**

7. Applicant's Signature: **Carla Mocher Jimenez**  
 Title: **Operations Manager**  
 Date: **April 2025**

8. Permit Number: **2025-001**

9. Issued Date: **April 2025**

10. Expiration Date: **April 2026**

11. Renewal Fee: **\$ 1,500**

12. Other Information: **None**





Proposed Air Quality Construction Permit  
 Permiso de Construcción de Labores de Alta Trampas

**NuStar Energy LP**  
**NuStar Energy LP**  
 April 2025  
 4301 Desert Rd SE, Albuquerque, NM 87105

Location of the Project: **Refined Products Terminal**

Project Description: **Refined Products Terminal**

Project Location: **4301 Desert Rd SE, Albuquerque, NM 87105**

Project Start Date: **04/01/2025**

Project End Date: **04/30/2025**

Project Description: **Refined Products Terminal**

Project Location: **4301 Desert Rd SE, Albuquerque, NM 87105**

Project Start Date: **04/01/2025**

Project End Date: **04/30/2025**

Air Contaminant	Proposed Construction Period		Permitted Construction Period	
	Maximum Daily Emissions (lb/day)	Maximum Annual Emissions (lb/year)	Maximum Daily Emissions (lb/day)	Maximum Annual Emissions (lb/year)
PM <sub>10</sub>	3.4	3.5	0.00	0.00
CO	1.4	1.1	0.00	0.00
NO <sub>x</sub>	15.1	17.4	10.1	10.55
SO <sub>2</sub>	N/A	N/A	N/A	N/A
PM <sub>2.5</sub>	N/A	N/A	N/A	N/A
NO <sub>2</sub>	N/A	N/A	N/A	N/A
SO <sub>2</sub>	1.5	1.8	1.5	1.8

Annual Emissions Limit: **\$ 2400 tons/year**

Annual Emissions Limit: **\$ 2400 tons/year**

Contact Information for Comments and Inquiries:  
 Name: **Christopher J. Jankovic**  
 Address: **4301 Desert Rd SE, Albuquerque, NM 87105**  
 Phone Number: **(505) 244-1930**  
 Email Address: **christopher.jankovic@nustarenergy.com**

City of Albuquerque, Environmental Health Department, Air Quality Program - Operations Review Department  
 Office of Management, Department of Public Safety, Department of Public Safety, Department of Public Safety

City of Albuquerque, Environmental Health Department, Air Quality Program - Operations Review Department  
 Office of Management, Department of Public Safety, Department of Public Safety, Department of Public Safety

City of Albuquerque, Environmental Health Department, Air Quality Program - Operations Review Department  
 Office of Management, Department of Public Safety, Department of Public Safety, Department of Public Safety

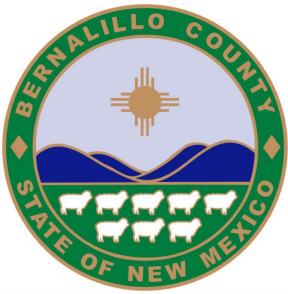




## **APPENDIX G. ZONING CERTIFICATION**

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**County of Bernalillo**  
**State of New Mexico**  
**Planning & Development Services Department**

415 Silver Ave. SW, 2<sup>nd</sup> Floor  
Albuquerque, New Mexico 87102  
Office: (505) 314-0350 Fax: (505) 314-0480  
www.bernco.gov

May 25, 2022

NUSTAR LOGISTICS LP  
PO BOX 780339  
SAN ANTONIO TX 78278-0339

Re: 6348 DESERT RD SE – the “property” – ZNP2022-0040

To Whom It May Concern:

This letter shall certify that according to the official map on file with this office as of this date, the referenced property, legally described as TR IN E/2 SEC 19 T9N R3E 2ND LOT W O F E SIDE OF TR CONT 14.389, Albuquerque, Bernalillo County, New Mexico, is zoned M-1 Light Industrial Zone. For your convenience, I have included a copy of the corresponding Zone Atlas page showing the referenced property.

The M-1 zone allows for fuel storage and wholesale sales as permissive uses. A check of our records confirms the site does not have any zoning violations as of the writing of this statement.

This certification statement only references the applicability of the Zoning Ordinance as it applies to the aforementioned property in the specified zone. This letter is not a business license, and cannot be construed as approval for construction.

Do not hesitate to contact me if you have questions concerning this matter at 314-0388 or at [nhamm@bernco.gov](mailto:nhamm@bernco.gov).

Sincerely,

Nicholas Hamm  
Zoning Administrator

Enclosures: Zone Atlas Page R-13-Z

Cc: [casey.richards@nustarenergy.com](mailto:casey.richards@nustarenergy.com); [faithe.schwartzengraber@nustarenergy.com](mailto:faithe.schwartzengraber@nustarenergy.com);  
[christopher.jimenez@nustarenergy.com](mailto:christopher.jimenez@nustarenergy.com); [rreese@trinityconsultants.com](mailto:rreese@trinityconsultants.com)

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**COMMISSIONERS**

*Adriann Barboa, Chair, District 3*      *Walt Benson, Vice-Chair, District 4*  
*Debbie O'Malley, District 1*      *Steven Michael Quezada, District 2*      *Charlene E. Pyskoty, District 5*

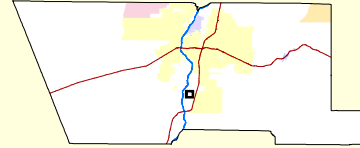
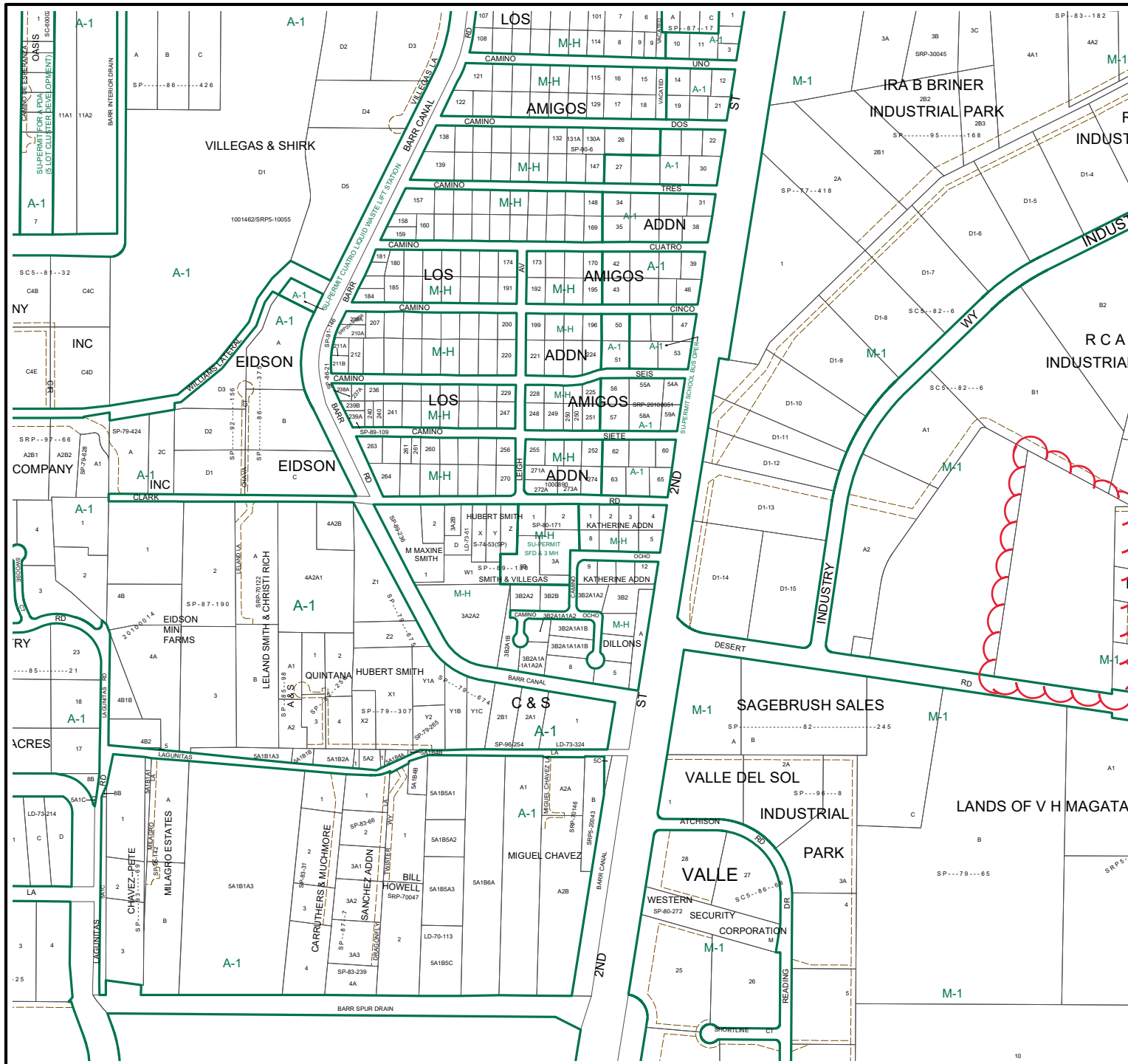
**ELECTED OFFICIALS**

*Tanya R. Giddings, Assessor*      *Linda Stover, Clerk*      *Cristy J. Carbón-Gaul, Probate Judge*      *Manuel Gonzales III, Sheriff*      *Nancy M. Bearce, Treasurer*

**COUNTY MANAGER**

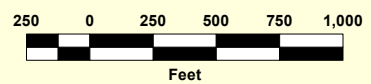
*Julie Morgas Baca*





LEGAL DESCRIPTION  
 T9N  
 R3E  
 SEC 19

UNIFORM PROPERTY CODE  
 1-013-051



Map amended through Spring 2022



PLANNING & DEVELOPMENT SERVICES  
 GIS TECHNOLOGY SECTION

This information is for reference only. Bernalillo County assumes no liability for errors associated with the use of these data. Users are solely responsible for confirming data accuracy when necessary. Source data from Bernalillo County and the City of Albuquerque. For current information visit <https://www.bernalillo.gov/planning/download-zone-atlas.aspx>

**R-13-Z**