



March 11, 2024

Ms. Rhonda Romero
Minor Source Manager
New Mexico Environment Department, Air Quality Bureau, Permits Section
525 Camino de los Marquez, Suite 1
Santa Fe, NM 87505

**MINOR NSR SOURCE PERMIT REVISION APPLICATION
GREATER KUDU LLC – LOS LUNAS, NEW MEXICO**

Dear Ms. Romero:

Date March 11, 2024

Ramboll is submitting the enclosed Minor New Source Review (NSR) Permit Revision Application to the New Mexico Environment Department (NMED) on behalf of our client, Greater Kudu LLC, for revisions to the permit for their facility in Los Lunas, New Mexico (Permit No. 7026-M5, issued by the NMED on June 11, 2021). The application filing fee for the application is included in **Attachment 1**.

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Certain items within the application have been redacted from the public portion of the application pursuant to a claim of confidentiality. The applicant's request for confidential protection under 20.2.1.115 of the New Mexico Administrative Code (NMAC) is included in **Attachment 2**.

We appreciate NMED's prompt review of the enclosed application documents. If you have any questions, please feel free to contact us at your convenience.

Yours sincerely,

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Attachment 1

Application Filing Fee

Attachment 2

Request for Confidential Information Protection

**CONFIDENTIAL BUSINESS INFORMATION/TRADE SECRET
CONTAINS TRADE SECRETS PROTECTED UNDER NMSA 1978, SECTIONS 57-3a-1
THROUGH 57-3a-7, NMSA 1978, SECTION 14-2-1 AND 20.2.1.115 NMAC**

SUBJECT TO NEW MEXICO SUPREME COURT RULE 11-508

March 11, 2024

Ms. Rhonda Romero
Minor Source Manager
New Mexico Environment Department, Air Quality Bureau, Permits Section
525 Camino de los Marquez, Suite 1
Santa Fe, NM 87505

REQUEST FOR CONFIDENTIAL INFORMATION PROTECTION

Dear Ms. Romero,

Greater Kudu LLC (the applicant) is submitting a Minor New Source Review (NSR) Permit Revision Application to the New Mexico Environmental Department (NMED) to revise the permit for its data center in Los Lunas, New Mexico. Certain items included within the application are applicant trade secrets and other confidential business information; specifically, information related to the capacity and throughput of its emissions units (i.e., emergency generator engines and diesel belly tanks).

The applicant is requesting confidential protection of its trade secrets and confidential business information under 20.2.1.115 of the New Mexico Administrative Code (NMAC). In accordance with 20.2.1.115.B(1) NMAC, all items within the construction permit application that are claimed by the applicant as trade secrets and confidential business information are included in the appendices to the application, with each page containing confidential information marked as "Confidential."

Confidentiality Request

The NMAC defines confidential business information as "information that, if made public, would harm a business' competitive position. This includes trade secrets and may include data relating to the profits and costs of the owner or operator which have not previously been released to the public." The NMAC defines trade secret as "a secret plan or process, tool or mechanism unique to the owner or operator of a business."¹ The following sections outline the applicant's confidentiality claim of its trade secrets and confidential business information and demonstrate that the request satisfies the conditions of 20.2.1.115B.(3) NMAC.

(a) The claimant has asserted a claim of confidentiality which has not been waived, withdrawn, or denied.

This is the seventh confidential claim requested by the applicant of NMED. Each of the applicant's previous requests were granted approval by NMED. No previous claims by the applicant have been waived, withdrawn, or denied by NMED.

¹ 20.2.1.115A.(5) NMAC

**CONFIDENTIAL BUSINESS INFORMATION/TRADE SECRET
CONTAINS TRADE SECRETS PROTECTED UNDER NMSA 1978, SECTIONS 57-3a-1
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SUBJECT TO NEW MEXICO SUPREME COURT RULE 11-508

(b) The claimant has satisfactorily shown that it has taken reasonable measures to protect the confidential measures, and that it intends to continue to take such measures.

The applicant has not disclosed the capacity or throughput of its emissions units in any other requests for permits or licensures from the state of New Mexico, Valencia County, the Village of Los Lunas, or any other government entity, nor has it disclosed such information to other entities or individuals not associated with the applicant. The applicant does not have plans to disclose such information in the future to any entity or individual not associated with the applicant. Also, the applicant does not disclose this information publicly in its press releases, brochures, website, or other documentation, nor does it have plans to do so.

(c) The information is not, and has not been, reasonably attainable without the business' consent.

Information related to the capacity and throughput of the emergency generator engines and diesel belly tanks is not reasonably attainable through viewing aerial photographs of the site, building layouts, or images of the site taken from publicly accessible locations. As such, it is the applicant's belief that this information cannot be reasonably attained by the public without the company's consent.

(d) The claimant has satisfactorily shown that disclosure of the information is likely to cause substantial harm to the business' competitive position.

Information related to the capacity and throughputs of the emission units at the facility could provide the applicant's competitors an understanding of the size and power usage of its data center, which would give the company's competitors valuable insight into its operations and how it stores and maintains its data. The applicant invests significant time and money into research and development in order to continually improve its data center operations, and the release of information regarding its emission units could result in significant financial losses if obtained by one of the applicant's competitors, and could put the company at a competitive disadvantage.

The applicant appreciates NMED's review of this claim of confidentiality. If you have any questions, please contact Eri Ottersburg, Ramboll, at (206) 336-1677.

Yours sincerely,



Kathy Rushmore
Authorized Representative
Greater Kudu LLC

Intended for

New Mexico Environment Department - Air Quality Bureau

Date

March 2024

MINOR NSR PERMIT REVISION APPLICATION GREATER KUDU LLC

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1. INTRODUCTION

Greater Kudu LLC (the applicant) owns and operates a facility in Los Lunas, Valencia County, New Mexico. The applicant is requesting revisions to the facility's current New Source Review (NSR) Minor Source Construction Permit (Permit No. 7026-M5) in accordance with the requirements in Title 20, Chapter 2, Part 72 (20.2.72) of the New Mexico Administrative Code (NMAC). Permitted sources at the facility currently include 118 stationary and two temporary, portable diesel-fired emergency generators.

The applicant is proposing certain design changes, which impact the facility's New Source Review (NSR) Permit. Specifically, the applicant is proposing to: (1) change the make and model of two of the Group 2 generators and designate these as *new* Group 6 generators and (2) allow the use of both ultra-low sulfur fuel (ULSD) and renewable diesel conforming to EN15940 and ASTM D975 specifications for petroleum, including hydrotreated vegetable oil (HVO), in all emergency generators. The applicant also proposes to install and operate a third diesel-fired fire water pump, which is exempt from permitting per 20.2.72.202.A(4) NMAC.

This application includes the following appendices:

- **Appendix 1.** Site Location and Layout;
- **Appendix 2.** NMED Application Forms;
- **Appendix 3.** Detailed Emissions Calculations;
- **Appendix 4.** Redline of Requested Revisions to NSR Permit No. 7026-M5;
- **Appendix 5.** Renewable Diesel Fuel Specifications; and,
- **Appendix 6.** Confidential Business Information

2. SUMMARY OF PROPOSED CHANGES

The following sections outline the facility's proposed design changes since the issuance of the facility's existing NSR Permit (Permit No. 7026-M5) and the requested revisions to the permit.

2.1 Proposed Changes to Emergency Generators

The applicant is currently authorized to install 118 engines comprising of **five** different groupings (plus two temporary, portable diesel-fired emergency generators). With this permit revision, there will be no changes to the total number of generators, but the generators will be comprised of **six** different groupings (plus two temporary, portable diesel-fired emergency generators). The applicant is proposing to remove two engines currently permitted as **Group 2** engines and add two new engines that will be classified as a new type of engine (i.e., "**Group 6**" engines) as they will be a different make and model from the currently permitted engines at the facility. The facility will remain subject to a federally-enforceable nitrogen oxides (NO_x) emission limit of 99.9 tons per year (tpy) and a federally-enforceable carbon monoxide (CO) emission limit of 99.9 tpy from the entire facility to maintain site-wide NO_x and CO emissions below the Title V major source threshold of 100 tpy.

The proposed changes to the emergency generators are summarized in **Table 1**. There are no changes to the regulatory applicability for emissions sources at the site, and the applicability of site operations to federal and state regulations is discussed further in **Section 4**.

2.2 Requested Revisions to Current Permit Conditions

The applicant is requesting the following revisions to the current Permit conditions:

- **Table A104.A, Regulated Sources List**
The applicant is requesting to remove 2 emergency generators from the **Group 2** engines and add 2 emergency generators under a new grouping, **Group 6**. A summary of the proposed changes is provided in **Table 1**.
- **Condition A105, Facility Control Equipment**
The new **Group 6** engines will be equipped with Selective Catalytic Reduction Systems (SCRs) for control of NO_x emissions. The applicant requests that these SCRs be listed in Condition A105 for clarity.
- **Condition A110.A, Facility: Fuel and Fuel Sulfur Requirements**
The applicant is requesting to burn renewable diesel, in addition to ULSD, in its generators. The applicant requests to update the language in this condition to include renewable diesel.
- **Condition A601.E, 40 CFR 60, Subpart IIII (Emergency Generators)**
The applicant is requesting to update this condition to align with the federal definition of emergency generators under 40 CFR 60, Subpart IIII.

In addition to these requested revisions to the current permit, the applicant requests to update the permit to incorporate the **Group 6** generators into all relevant permit conditions. A redline markup version of the affected conditions in the facility's current NSR Permit is provided in **Appendix 4**.

Table 1. Summary of Proposed Changes

Generator Group	Currently Permitted Generators	Proposed Changes	Total Number of Generators in Group	SCRs?
Group 1 ¹	VLL1EG-1 through VLL1EG-12, VLL1EG-1R, VLL1EG-2R, VLL2EG-1 through VLL2EG-12, VLL2EG-N1 through VLL2EG-N4, VLL2EG-1R, VLL2EG-2R	No Changes	32	No
Group 2	VLL1EG-N1 through VLL1EG-N4	VLL1EG-N1, VLL1EG-N2 (i.e., remove VLL1EG-N3 and VLL1EG-N4)	2	No
Group 3	VLL1EG-A1 VCN1EG-A1	No Changes	2	No
Group 4 with original parameters	VLL3EG-1 through VLL3EG-12, VLL3EG-N1 through VLL3EG-N4 VLL3EG-1R, VLL3EG-2R, VLL4EG-1	No Changes	19	No
Group 4 with stack extensions ²	VLL1EG-1-N1 through VLL1EG-1-N4	No Changes	4	No

¹ VLL2EG-N1 through VLL2EG-N4 have slightly different stack parameters than the other Group 1 Engines. Because potential emissions are unaffected by the altered stack dimensions, these engines will remain grouped with Group 1 Engines for permitting purposes.

² VLL1EG-1-N1 through VLL1EG-1-N4 have slightly different stack parameters than the other Group 4 Engines. Filterable PM emissions are anticipated to be 5% higher in these engines. As such, potential emissions evaluate Group 4 engines with original parameters and Group 4 engines with stack extensions separately. Because the engines are the same make and model, these engines will remain grouped with Group 4 Engines for permitting purposes.

Generator Group	Currently Permitted Generators	Proposed Changes	Total Number of Generators in Group	SCRs?
Group 5	VLL5EG-1 through VLL5EG-12, VLL5EG-N1 through VLL5EG-N4 VLL5EG-1R, VLL5EG-2R, VLL6EG-1 through VLL6EG-12, VLL6EG-N1 through VLL6EG-N4 VLL6EG-1R, VLL6EG-2R VCN1EG-N1 through VCN1EG-N4, VCN2EG-N1 through VCN2EG-N4, VCN3EG-N1 through VCN3EG-N4, VCN4EG-1 VCN5EG-N1 through VCN5EG-N4, VCN6EG-N1 through VCN6EG-N4	No Changes	57	Yes
Group 6	--	<i>New:</i> VCN-EG-DCBX VCN-EG-DCBY	2	Yes
Temporary Generators	TMP-1, TMP-2	No Changes	2	No

3. FACILITY-WIDE EMISSIONS CALCULATIONS

Pollutants emitted from the facility include NO_x; CO; volatile organic compounds (VOC); sulfur dioxide (SO₂); particulate matter (PM), including PM less than 10 microns in diameter (PM₁₀) and PM less than 2.5 microns in diameter (PM_{2.5}); hazardous air pollutants (HAP); and greenhouse gases (GHG), reported in the form of carbon dioxide equivalent (CO_{2e}).

The methodology used to estimate the potential emissions from the regulated emissions sources at the site is discussed in the sections below. Detailed calculations are provided in **Appendix 3** and **Appendix 6**. All proposed emission sources will be fueled by ULSD and/or renewable diesel fuel conforming to EN15940 and ASTM D975 specification for petroleum (including HVO); the ISO8178 D2 test cycle emission rates are the same for both ULSD and HVO. Refer to **Appendix 5** for additional details. For simplicity and conservative purposes, the site will conservatively default to the ULSD load-specification emission factors.

3.1 Diesel-Fired Emergency Standby Generators

Operation of the diesel-fired emergency generator engines will result in emissions of products of combustion.

3.1.1 Derivation of Potential Hourly Emissions

The following emission factors were used to estimate the potential hourly emissions from the emergency generators:

- The manufacturer's engine-specific emission factors for NO_x, VOC (hydrocarbons), CO, and filterable PM were used to estimate the emissions of those pollutants at each generator load. Not-to-exceed emission factors were used for **Group 1** and **Group 2**. Not-to-exceed emission factors were not available for **Group 3**, **Group 4**, **Group 5**, or **Group 6**, so nominal emission rates were used with pollutant-specific safety factors applied. Because **Group 3**, **Group 4**, **Group 5**, and **Group 6** generators did not have nominal emission data at 10% load, the emission factors at 10% load for these generators were conservatively assumed to be equal to the emission factors at 25% load. Four (4) **Group 4** generators have stack extensions. Based on guidance from the manufacturer, a 5% increase was applied to the filterable PM emission factors for these engines.
- Diesel fuel emission factors in the USEPA's AP-42, Section 3.4, *Large Stationary Diesel and All Stationary Dual-fuel Engines* (October 1996) were used for emissions of condensable PM, SO₂, and HAP.
- GHG emission factors and global warming potentials provided in 40 CFR 98 were used to estimate emissions of CO_{2e} from diesel fuel combustion.

For the generators equipped with SCRs (i.e., **Group 5** and **Group 6** generators), in the rare instance the associated SCR units are not operational in an emergency, the applicant will use uncontrolled emission factors to calculate emissions. Uncontrolled **Group 5** engine emissions are the same as the **Group 4** engine emissions. Uncontrolled **Group 6** emission rates have been provided below. This is reflected in **Table 2**, which shows the NO_x and CO emission rates that will be used for each engine group. The hourly emission rates for all groups of generators are consistent with those in Condition A601(H) of the facility's current permit. Note that for the generators equipped with SCR (i.e., **Group 5** and **Group 6** generators), the NO_x emission rate was conservatively assumed to be equal to the emission rate at 100% load for all loads.

Table 2. NO_x and CO Emission Rates for Each Generator Group by Load

Engine Load (%)	NO _x Emission Rate (CO Emission Rate) (lb/hr/engine)						Group 6
	Group 1	Group 2	Group 3	Group 4 & Group 5 without SCR	Group 5	Group 6 without SCR	
100% Load	81.01 (12.63)	71.88 (9.06)	16.78 (4.31)	64.56 (3.99)	6.46 (3.99)	63.65 (12.04)	6.37 (12.04)
75% Load	42.82 (8.68)	31.71 (9.97)	12.33 (2.35)	39.47 (2.01)	6.46 (2.01)	35.23 (7.59)	6.37 (7.59)
50% Load	24.31 (8.10)	17.22 (5.74)	11.04 (1.18)	20.61 (2.24)	6.46 (2.24)	20.37 (4.26)	6.37 (4.26)
25% Load	12.35 (8.87)	8.76 (9.67)	4.43 (1.08)	11.39 (2.34)	6.46 (2.34)	9.92 (3.25)	6.37 (3.25)
10% Load	11.57 (6.94)	12.38 (11.54)	4.43 (1.08)	4.25 (0.87)	6.46 (0.87)	3.97 (1.30)	6.37 (1.30)

Consistent with Section A601(H) of the facility's construction permit, if an engine run occurs at a load other those listed, the facility will conservatively use the NO_x or CO emission rate for the next highest load to estimate emissions from the run. For instance, if the maximum engine load during a run is 60%, the facility will use the emission rates for 75% load for that run, and an engine run at 0% load will use emission rates for 10% load for that run.

3.1.2 Derivation of Potential Annual Emissions

Pursuant to Table 106.A of the facility's current construction permit, the applicant is subject to a federally enforceable site-wide NO_x limitation of 99.9 tpy and a federally enforceable site-wide CO limitation of 99.9 tpy, each based on an aggregate, 12-month rolling basis to ensure that the facility remains a synthetic minor source with respect to the Title V and PSD permitting programs.

For all pollutants other than NO_x and CO, the applicant has provided the ratio of pollutant emissions to NO_x emissions (lb pollutant emitted/lb NO_x emitted) for each pollutant at each load from each engine grouping. This methodology is summarized in **Table 3**, and additional detail is provided in **Appendix 3** and **Appendix 6**. With the proposed changes in this application, PTE from all generators is not increasing for any pollutant because the site-wide NO_x limit, site-wide CO limit, and the maximum ratio of pollutant emission to NO_x emissions are not changing.

Table 3. Total Potential Annual Emissions from All Generators

Pollutant	Maximum Ratio of Pollutant Emissions to NO_x Emissions (lb pollutant emitted/lb NO_x emitted)	Total Potential Annual Emissions from All Generators ^a (tpy)
NO _x	--	99.90
CO	--	99.90
VOC	0.22	21.93
Filterable PM	0.22	22.24
PM ₁₀ /PM _{2.5}	0.22	22.44
SO ₂	1.24x10 ⁻³	0.12
Maximum Individual HAP (Benzene)	6.35x10 ⁻⁴	0.06
Total HAP	1.29x10 ⁻³	0.13
CO ₂ e	133.88	13,375
Notes:		
^a Total Potential Annual Emissions from All Generators (tpy) = [99.9 tpy NO _x Emissions] × [Max. Ratio of Pollutant Emissions to NO _x Emissions (lb pollutant emitted/lb NO _x emitted)].		

3.2 Diesel Belly Storage Tanks

Emissions of VOC from the diesel belly tanks will result from the standing and working losses.³ These emissions were estimated using USEPA's TANKS 4.0.9.d program, which incorporates the equations from AP-42, Section 7.1, *Organic Liquid Storage Tanks* (November 2006). The maximum annual fuel throughput for each belly tank was based on:

- The maximum hourly diesel fuel consumption for each generator, per the manufacturer's specifications; and
- A maximum of 500 hours of operation per engine annually.

3.3 Potential Emissions

A summary of the revised facility-wide potential emissions for the facility are provided in **Table 4**, which indicates that the facility will continue to be a synthetic minor source of air emissions after implementation of the proposed permit revisions.

³ Any potential HAP emissions from the operation of the diesel belly tanks are expected to be *de minimis*.

Table 4. Facility-Wide Potential Emissions

Pollutant	Potential Annual Emissions (tpy)		Facility-Wide Potential Annual Emissions (tpy)	Title V Major Source Threshold (tpy)	Above Threshold?
	Emergency Generators	Diesel Belly Tanks			
NO _x	99.9	--	99.9	100	No
CO	99.9	--	99.9	100	No
VOC	21.9	0.44	22.3	100	No
PM (Filterable)	22.2	--	22.2	100	No
PM ₁₀ /PM _{2.5}	22.4	--	22.4	100	No
SO ₂	0.12	--	0.12	100	No
Maximum Individual HAP (Benzene)	0.06	--	0.06	10	No
Total HAP	0.13	--	0.13	25	No
CO _{2e}	13,375	--	13,375	N/A	N/A

4. FEDERAL AND STATE REGULATORY APPLICABILITY

The following sections outline the federal and state air regulations that are potentially applicable to the proposed facility. Specifically, potentially applicable requirements under NSR, Title V, New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and other state air quality rules in the NMAC are discussed herein.

4.1 Major New Source Review

The NSR permitting program regulates emissions from major stationary sources of regulated air pollutants. NSR is comprised of two elements: Nonattainment NSR and PSD. Nonattainment NSR permitting is applicable in areas that have been designated as nonattainment for a regulated pollutant with respect to the National Ambient Air Quality Standards (NAAQS). PSD permitting applies in areas that have been designated as either attainment and/or unclassifiable. The facility is in Valencia County, which has been designated as attainment or unclassifiable for all criteria pollutants.⁴ As such, PSD is the appropriate permitting program for the facility.

The PSD major source threshold for all regulated criteria pollutants is 250 tpy.⁵ The applicant will continue to comply with the federally enforceable site-wide emission limits of 99.9 tpy NO_x and 99.9 tpy CO, each on an aggregate, 12-month rolling basis. Compliance with these limits maintains site-wide potential emissions from all regulated pollutants to less than their respective major source thresholds. Thus, the facility will continue to be classified as a minor source with respect to the PSD permitting program.

4.2 Title V Operating Permits

The Title V operating permits program, promulgated in 20.2.70 NMAC, requires a facility to obtain a Title V operating permit if it has potential emissions of a regulated criteria pollutant exceeding 100 tpy, of any single HAP exceeding 10 tpy, or of the aggregate of all HAP exceeding 25 tpy. As previously discussed, the applicant is subject to a site-wide NO_x emission limitation of 99.9 tpy and a site-wide CO emission limitation of 99.9 tpy. As such, and as shown in **Table 4**, the site will continue to be classified as a Title V synthetic minor source.

4.3 New Source Performance Standards

NSPS, promulgated in 40 CFR 60 and incorporated by reference under 20.2.77 NMAC, provide emissions standards for criteria pollutant emissions from new, modified, and reconstructed sources. The following sections discuss the NSPS that are potentially applicable to the proposed facility.

4.3.1 40 CFR 60 Subpart A – General Provisions

NSPS Subpart A provides generally applicable requirements for testing, monitoring, notifications, and recordkeeping. Any source that is subject to another subpart under 40 CFR 60 is also subject to Subpart A, unless otherwise stated in the specific subpart.

4.3.2 40 CFR 60 Subpart Kb – Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984

NSPS Subpart Kb applies to volatile organic liquid (VOL) storage vessels which were constructed, reconstructed, or modified after July 1984. VOL storage tanks are only subject to this rule if they meet one of the following criteria:⁶

- The storage vessel has a maximum storage capacity greater than or equal to 151 m³ (39,890 gallons) and which stores a VOL with a maximum true vapor pressure exceeding 3.5 kPa (0.51 psia); or,

⁴ 40 CFR 81.332

⁵ Data centers are not on the list of 28 source categories for which there is a lower major source threshold of 100 tpy for regulated criteria pollutants.

⁶ 40 CFR 60.110b(b)

- The storage vessel has a maximum storage capacity greater than or equal to 75 m³ (19,812.9 gallons) but less than 151 m³ and which stores a VOL with a maximum true vapor pressure exceeding 15.0 kPa (2.2 psia).

The diesel belly tanks for the generators each have a storage capacity less than 19,812.9 gallons. In addition, diesel fuel has a maximum true vapor pressure less than 2.2 psia. Therefore, NSPS Subpart Kb does not apply.

4.3.3 40 CFR 60 Subpart IIII – Stationary Compression Ignition Internal Combustion Engines

NSPS Subpart IIII applies to new, modified, and reconstructed compression ignition (CI) internal combustion engines (ICE). New engines are subject to this regulation if construction of the CI ICE commenced after July 11, 2005, and if the engine was manufactured after April 1, 2006, for CI ICE that are not fire pump engines, or July 1, 2006, for CI ICE that are fire pump engines.⁷ This rule is applicable to all CI ICE that are operated at the facility.

The emergency generator engines and fire pump at the site will meet the definition of emergency stationary ICE in 40 CFR 60.4219.

4.3.3.1 *Emission Standards for Emergency Generators*

All generators at the site will be classified as emergency generators under this regulation and each will have a displacement of less than 10 liters per cylinder. Per 40 CFR 60.4205(b), each generator will be subject to the applicable emission standards in 40 CFR 1039, Appendix I. The Tier 2 emission standards for nonroad engines with a rated power greater than 560 kW are depicted in **Table 5**.⁸ The USEPA Tier 2 standards for nonroad engines are based on a weighted cycle and cannot be used for comparison to the actual emissions from the engine at a specific load.

Table 5. Tier 2 Emission Standards

Pollutant	Emission Standard (g/kW-hr)
NO _x + Non-Methane Hydrocarbons (NMHC)	6.4
CO	3.5
PM	0.20

Additionally, the applicant is required to only combust in its generators fuel that complies with the following requirements in 40 CFR 1090.305 for nonroad diesel fuel:⁹

- Maximum sulfur content of 15 ppm; and
- Either a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.

The applicant will comply with the emission standards in 40 CFR 1039, Appendix I by having purchased engines certified by the manufacturer to comply with the Tier 2 emission standards.¹⁰ Further, the site will operate and maintain each engine according to the manufacturer's emission-related written instructions and only changes those emission-related settings that are permitted by the manufacturer.¹¹ The applicant will comply with the Tier 2 emission standards while firing either ULSD or renewable diesel, including HVO.

⁷ 40 CFR 60.4200(a)(2)

⁸ 40 CFR 1039, Appendix I, Table 2

⁹ 40 CFR 60.4207(b)

¹⁰ 40 CFR 60.4211(c)

¹¹ 40 CFR 60.4211(a)

4.3.3.2 *Emission Standards for Fire Pump*

The proposed fire pump will have a displacement of less than 30 liters per cylinder. Per 40 CFR 60.4205(c), the fire pump will be subject to the applicable emission standards in Table 4 of this subpart. The applicant will comply with the emission standards in 40 CFR 60 Subpart IIII by purchasing an engine certified by the manufacturer to comply with these emission standards.¹² Further, the site will operate and maintain the fire pump according to the manufacturer's emission-related written instructions and only change those emission-related settings that are permitted by the manufacturer.¹³

4.3.3.3 *Run Time Restrictions for Emergency ICE*

For a stationary engine to be considered an emergency ICE under NSPS Subpart IIII, it must meet the run time restrictions in 40 CFR 60.4211(f).

There is no restriction on usage of an emergency ICE in emergency situations.¹⁴ Each engine is restricted to a maximum of 100 hours per calendar year of operation for maintenance checks and readiness testing.¹⁵ Each engine is allowed up to 50 hours per calendar year of non-emergency operation other than maintenance, testing; however, any non-emergency run time must be counted as part of the 100 hours per calendar year for maintenance and testing.¹⁶

All engines will be equipped with non-resettable hour meters that the facility will use during operations to verify compliance with the emergency and non-emergency total operating hour limitations.¹⁷

4.3.3.4 *Notifications, Reporting, and Recordkeeping*

An initial notification under NSPS Subpart A is not required for emergency stationary ICE. The facility will retain records of the emergency and non-emergency runs for each engine, as recorded through the engine's non-resettable hour meter. The records will indicate the time of operation of the engine and the reason the engine was in operation during that time.¹⁸

4.3.3.5 *Modifications and the Use of an Alternative Fuel Source*

The use of an alternative fuel source shall not be considered a modification, as defined by 40 CFR 60.14, if the facility is designed to accommodate that alternative use. The facility has installed engines that are designed to combust ULSD fuel and/or renewable diesel fuels conforming to ASTM D975 specifications including HVO (**Appendix 5**). Therefore, the use of renewable diesel fuels will not be considered a modification under the NSPS rules.¹⁹ As shown in the manufacturer information in **Appendix 5**, the vendor has guaranteed ISO D2 8178 Weighted emission rates are the same or lower for all pollutants with HVO relative to N0. 2 ULSD.

4.3.4 40 CFR 60 Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines

NSPS Subpart JJJJ is applicable to new, modified, and reconstructed stationary spark ignition (SI) ICE. All of the generators and fire pump at the site will be categorized as CI ICE. As such, NSPS Subpart JJJJ does not apply.

4.4 **National Emission Standards for Hazardous Air Pollutants**

NESHAP, promulgated in 40 CFR 63 and incorporated by reference under 20.2.82 NMAC, regulate emissions of HAP from specific source categories. A facility that has potential emissions exceeding 10

¹² 40 CFR 60.4211(c)

¹³ 40 CFR 60.4211(a)

¹⁴ 40 CFR 60.4211(f)(1)

¹⁵ 40 CFR 60.4211(f)(2)

¹⁶ 40 CFR 60.4211(f)(3)

¹⁷ 40 CFR 60.4209(a)

¹⁸ 40 CFR 60.4214(b)

¹⁹ 40 CFR 60.14(e)(4)

tpy for any individual HAP and/or potential emissions exceeding 25 tpy for the sum of all HAP is classified as a major source of HAP emissions. A facility that is not a major source of HAP is classified as an area source.

The facility is classified as an area source since it has potential HAP emissions less than the major source thresholds. The following sections discuss the NESHAP standards potentially applicable to the facility.

4.4.1 40 CFR 63 Subpart A – General Provisions

NESHAP Subpart A provides generally applicable requirements for testing, monitoring, notifications, and recordkeeping. Any source that is subject to another subpart under 40 CFR 63 is also subject to Subpart A, unless otherwise stated in the specific subpart.

4.4.2 40 CFR 63 Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines

NESHAP Subpart ZZZZ applies to new and existing stationary reciprocating internal combustion engines (RICE) located at both major and area sources of HAP emissions. Per 40 CFR 63.6590(c), for new or reconstructed stationary RICE located at an area source of HAP emissions, the only requirement under NESHAP Subpart ZZZZ is to meet the requirements of NSPS Subpart IIII for CI ICE or of NSPS Subpart JJJJ for SI ICE. Since the CI ICE at the facility will be in compliance with NSPS Subpart IIII, the units will also be in compliance with NESHAP Subpart ZZZZ. No further requirements apply for these engines under this regulation.

4.5 **New Mexico Administrative Code, Title 20, Chapter 2 – Air Quality**

In addition to the federal regulations, 20.2 NMAC establishes regulations applicable at the emission unit level and at the facility level. The state regulations in Chapter 2 also include general requirements for facilities, such as the requirement to obtain construction and operating permits. Source-specific standards in 20.2 NMAC that are potentially applicable to operations at the site are discussed in the following sections.

4.5.1 20.2.18 NMAC – Oil Burning Equipment – Particulate Matter

This regulation limits PM emissions and visible emissions from oil-burning equipment having a rated heat input capacity greater than 250 million British thermal units per hour (MMBtu/hr) per unit.²⁰ All generators at the facility will have a rated heat capacity less than 250 MMBtu/hr, individually. Therefore, this regulation does not apply.

4.5.2 20.2.34 NMAC – Oil Burning Equipment – Nitrogen Dioxide

This regulation limits nitrogen dioxide (NO₂) emissions from oil burning equipment having a heat input of greater than 1,000,000 million British thermal units per year (MMBtu/yr) per unit to less than or equal to 0.3 lb/MMBtu of heat input.²¹ Since each emergency generator will operate a maximum of 500 hours annually, the potential annual heat input capacity per engine is less than 1,000,000 MMBtu/yr. Therefore, this regulation does not apply.

4.5.3 20.2.61 NMAC – Smoke and Visible Emissions

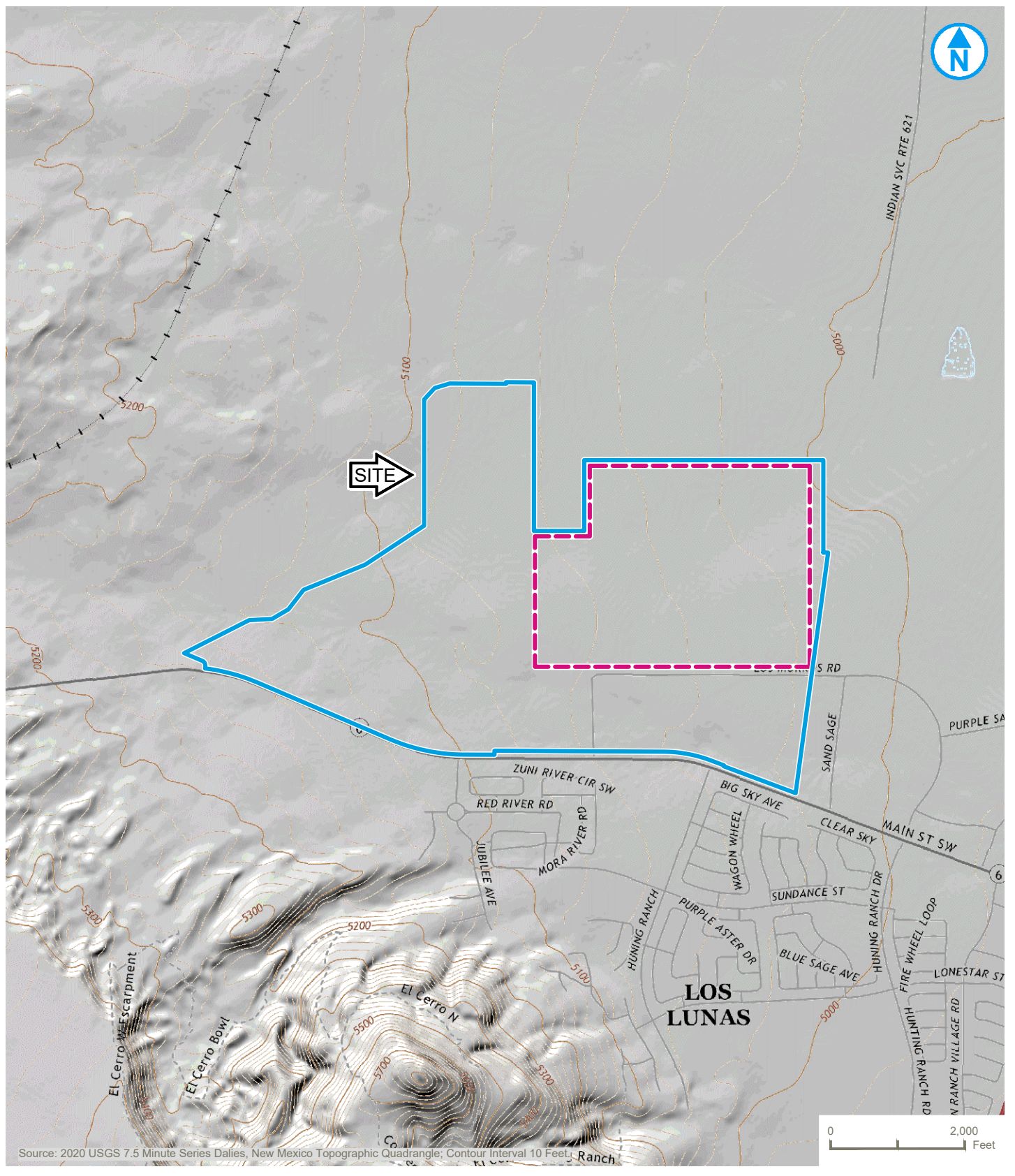
20.2.61.109 NMAC limits visible emissions from stationary combustion equipment to no more than 20% opacity. Compliance with the limitation for visible emissions is achieved through the exclusive use of ULSD and/or renewable diesel fuel in the emergency generators, which will result in negligible opacity from the sources.

²⁰ 20.2.18.109 NMAC

²¹ 20.2.34.108 NMAC

Appendix 1

Site Location and Layout



Source: 2020 USGS 7.5 Minute Series Dales, New Mexico Topographic Quadrangle; Contour Interval 10 Feet; Ranch



KEY MAP

- PROPERTY BOUNDARY (APPROXIMATE)
- - - BOUNDARY OF THE RESTRICTED AREA AROUND SITE OPERATIONS

SITE LOCATION MAP

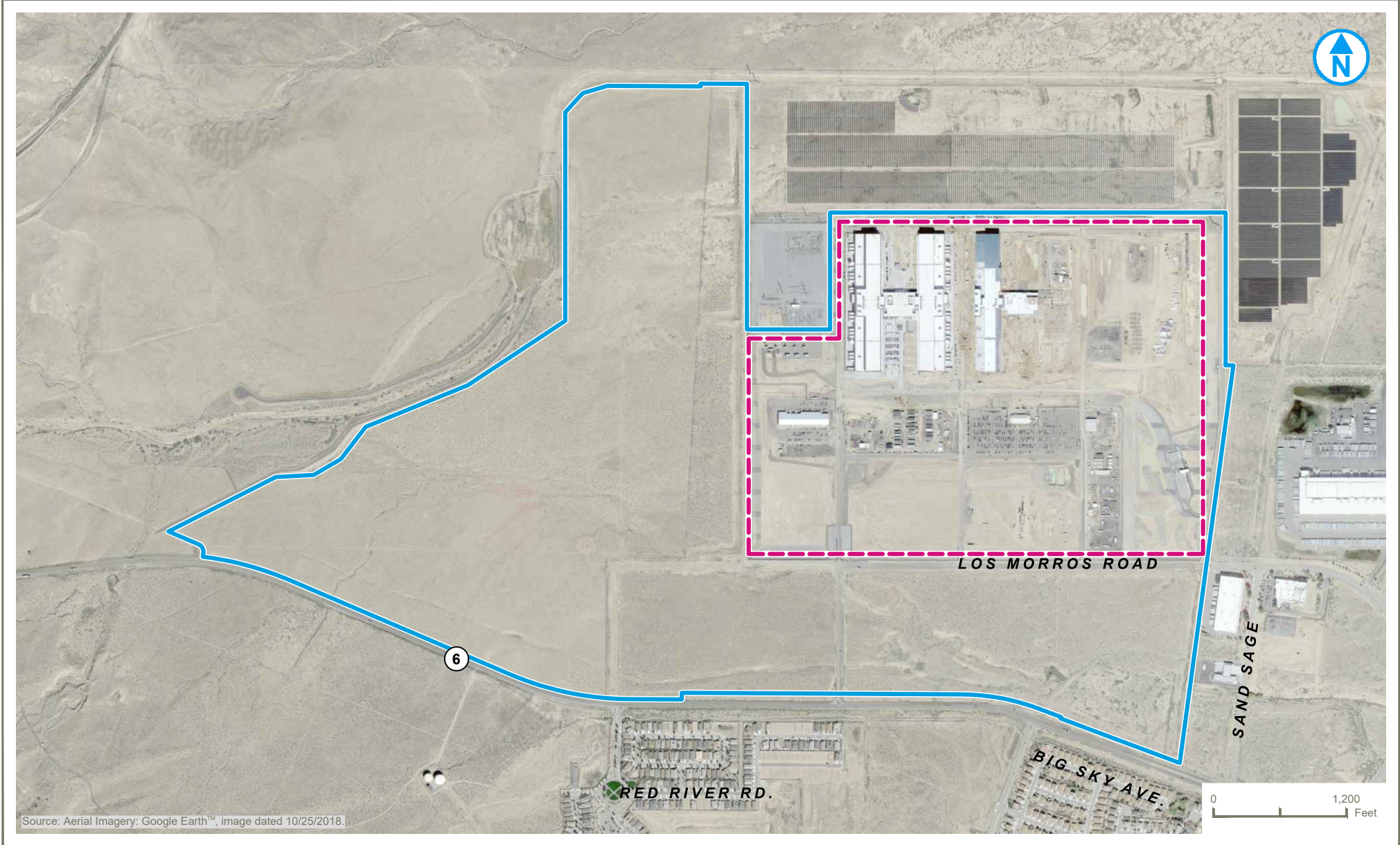
FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

Map Scale: 1:24,000
Map Center: 34°49'38.2434", -106°47'23.3313"

GREATER KUDU LLC
LOS LUNAS, NEW MEXICO





— PROPERTY BOUNDARY (APPROXIMATE)

- - - BOUNDARY OF THE RESTRICTED AREA AROUND SITE OPERATIONS

SITE LAYOUT

FIGURE 02

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

GREATER KUDU LLC
LOS LUNAS, NEW MEXICO



Appendix 2

NMED Application Forms

PURSUANT TO A CLAIM OF CONFIDENTIALITY, INFORMATION IN THIS APPENDIX HAS BEEN REDACTED BY THE APPLICANT BY BLACKING IT OUT.

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

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

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

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

Acknowledgements:

I acknowledge that a pre-application meeting is available to me upon request. Title V Operating, Title IV Acid Rain, and NPR applications have no fees.

\$500 NSR application Filing Fee enclosed **OR** The full permit fee associated with 10 fee points (required w/ streamline applications).

Check No.: [redacted] in the amount of [redacted]

I acknowledge the required submittal format for the hard copy application is printed double sided 'head-to-toe', 2-hole punched (except the Sect. 2 landscape tables is printed 'head-to-head'), numbered tab separators. Incl. a copy of the check on a separate page.

I acknowledge there is an annual fee for permits in addition to the permit review fee: www.env.nm.gov/air-quality/permit-fees-2/.

This facility qualifies for the small business fee reduction per 20.2.75.11.C. NMAC. The full \$500.00 filing fee is included with this application and I understand the fee reduction will be calculated in the balance due invoice. The Small Business Certification Form has been previously submitted or is included with this application. (Small Business Environmental Assistance Program Information: www.env.nm.gov/air-quality/small-biz-eap-2/.)

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

Section 1 – Facility Information

Section 1-A: Company Information		AI # if known: 37303	Updating Permit/NOI #: 7026-M5
1	Facility Name: Greater Kudu LLC	Plant primary SIC Code (4 digits): 7374	
		Plant NAIC code (6 digits): 518210	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): 4250 Messenger Loop NW, Los Lunas, NM 87031		
2	Plant Operator Company Name: Greater Kudu LLC	Phone/Fax: (915) 526-4191	
a	Plant Operator Address: 4250 Messenger Loop NW, Los Lunas, NM 87031		

b	Plant Operator's New Mexico Corporate ID or Tax ID: 32-0490391	
3	Plant Owner(s) name(s): Kathy Rushmore	Phone/Fax: (650) 308-7461
a	Plant Owner(s) Mailing Address(s): 1 Hacker Way, Menlo Park, CA 94025	
4	Bill To (Company): Ramboll Americas Engineering Solutions, Inc.	Phone/Fax: (703) 516-2300
a	Mailing Address: 4245 North Fairfax Drive, Suite 700, Arlington, VA 22203	E-mail: eotterburg@ramboll.com
5	<input checked="" type="checkbox"/> Preparer: Eri Ottersburg, Ramboll <input checked="" type="checkbox"/> Consultant: Eri Ottersburg, Ramboll	Phone/Fax: (206) 336-1677
a	Mailing Address: 901 5th Ave, Suite 3900, Seattle, WA 98164	E-mail: eottersburg@ramboll.com
6	Plant Operator Contact: Kevin Strickland	Phone/Fax: (915) 526-4191
a	Address: 4250 Messenger Loop NW, Los Lunas, NM 87031	E-mail: s1046177@meta.com
7	Air Permit Contact: Eri Ottersburg	Title: Managing Consultant, Ramboll
a	E-mail: eottersburg@ramboll.com	Phone/Fax: (206) 336-1677
b	Mailing Address: 901 5th Ave, Suite 3900, Seattle, WA 98164	
c	The designated Air permit Contact will receive all official correspondence (i.e. letters, permits) from the Air Quality Bureau.	

Section 1-B: Current Facility Status

1.a	Has this facility already been constructed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.b If yes to question 1.a, is it currently operating in New Mexico? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	If yes to question 1.a, was the existing facility subject to a Notice of Intent (NOI) (20.2.73 NMAC) before submittal of this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes to question 1.a, was the existing facility subject to a construction permit (20.2.72 NMAC) before submittal of this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Is the facility currently shut down? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, give month and year of shut down (MM/YY):
4	Was this facility constructed before 8/31/1972 and continuously operated since 1972? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5	If Yes to question 3, has this facility been modified (see 20.2.72.7.P NMAC) or the capacity increased since 8/31/1972? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
6	Does this facility have a Title V operating permit (20.2.70 NMAC)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the permit No. is: P-
7	Has this facility been issued a No Permit Required (NPR)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NPR No. is:
8	Has this facility been issued a Notice of Intent (NOI)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NOI No. is:
9	Does this facility have a construction permit (20.2.72/20.2.74 NMAC)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No. is: 7026-M5
10	Is this facility registered under a General permit (GCP-1, GCP-2, etc.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the register No. is:

Section 1-C: Facility Input Capacity & Production Rate

1	What is the facility's maximum input capacity, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly: N/A	Daily: N/A	Annually: 500 hrs operations/yr (maximum per generator)
b	Proposed	Hourly: N/A	Daily: N/A	Annually: 500 hrs operations/yr (maximum per generator)
2	What is the facility's maximum production rate, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly: N/A	Daily: N/A	Annually: 500 hrs operations/yr (maximum per generator)
b	Proposed	Hourly: N/A	Daily: N/A	Annually: 500 hrs operations/yr (maximum per generator)

Section 1-D: Facility Location Information

1	Latitude (decimal degrees): 34°49'43"	Longitude (decimal degrees): 106°46'53"	County: Valencia	Elevation (ft): 5,030
2	UTM Zone: <input type="checkbox"/> 12 or <input checked="" type="checkbox"/> 13		Datum: <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> WGS 84	
a	UTM E (in meters, to nearest 10 meters): 337,098		UTM N (in meters, to nearest 10 meters): 3,855,484	
3	Name and zip code of nearest New Mexico town: Los Lunas, 87031			
4	Detailed Driving Instructions from nearest NM town (attach a road map if necessary): From U.S. Highway 25, head west on Main Street SW for approximately 0.5 miles and turn right onto Los Morros Road. The property is 0.3 miles northwest of the intersection of Los Morros Road and Sandsage Court.			
5	The facility is within the Village of Los Lunas municipality.			
6	Land Status of facility (check one): <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input type="checkbox"/> Government <input type="checkbox"/> BLM <input type="checkbox"/> Forest Service <input type="checkbox"/> Military			
7	List all municipalities, Indian tribes, and counties within a ten (10) mile radius (20.2.72.203.B.2 NMAC) of the property on which the facility is proposed to be constructed or operated: Valencia County, Bernalillo County, Albuquerque, Belen, Bosque Farms, Los Lunas, Peralta, Pueblo of Isleta tribe			
8	20.2.72 NMAC applications only: Will the property on which the facility is proposed to be constructed or operated be closer than 50 km (31 miles) to other states, Bernalillo County, or a Class I area (see www.env.nm.gov/air-quality/modeling-publications/ http://www.nmenv.state.nm.us/aqb/modeling/classIareas.html)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (20.2.72.206.A.7 NMAC) If yes, list all with corresponding distances in kilometers: Bernalillo County – 4.1 km			
9	Name nearest Class I area: Bosque del Apache National Wildlife Refuge			
10	Shortest distance (in km) from facility boundary to the boundary of the nearest Class I area (to the nearest 10 meters): 117.10 km			
11	Distance (meters) from the perimeter of the Area of Operations (AO is defined as the plant site inclusive of all disturbed lands, including mining overburden removal areas) to nearest residence, school or occupied structure: 761 meters			
12	Method(s) used to delineate the Restricted Area: TBD "Restricted Area" is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area.			
13	Does the owner/operator intend to operate this source as a portable stationary source as defined in 20.2.72.7.X NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No A portable stationary source is not a mobile source, such as an automobile, but a source that can be installed permanently at one location or that can be re-installed at various locations, such as a hot mix asphalt plant that is moved to different job sites.			
14	Will this facility operate in conjunction with other air regulated parties on the same property? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, what is the name and permit number (if known) of the other facility?			

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

1	Facility maximum operating ($\frac{\text{hours}}{\text{day}}$): 24	($\frac{\text{days}}{\text{week}}$): 7	($\frac{\text{weeks}}{\text{year}}$): 52	($\frac{\text{hours}}{\text{year}}$): 500 (per unit)
2	Facility's maximum daily operating schedule (if less than 24 $\frac{\text{hours}}{\text{day}}$)? Start: N/A		<input type="checkbox"/> AM <input type="checkbox"/> PM	End: N/A <input checked="" type="checkbox"/> AM <input checked="" type="checkbox"/> PM
3	Month and year of anticipated start of construction: July 2024			
4	Month and year of anticipated construction completion: 2025+			
5	Month and year of anticipated startup of new or modified facility: 2025+			
6	Will this facility operate at this site for more than one year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Section 1-F: Other Facility Information

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

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

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

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

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

1	Responsible Official (R.O.) (20.2.70.300.D.2 NMAC):		Phone:
a	R.O. Title:	R.O. e-mail:	
b	R. O. Address:		
2	Alternate Responsible Official (20.2.70.300.D.2 NMAC):		Phone:
a	A. R.O. Title:	A. R.O. e-mail:	
b	A. R. O. Address:		
3	Company's Corporate or Partnership Relationship to any other Air Quality Permittee (List the names of any companies that have operating (20.2.70 NMAC) permits and with whom the applicant for this permit has a corporate or partnership relationship):		
4	Name of Parent Company ("Parent Company" means the primary name of the organization that owns the company to be permitted wholly or in part.):		
a	Address of Parent Company:		
5	Names of Subsidiary Companies ("Subsidiary Companies" means organizations, branches, divisions or subsidiaries, which are owned, wholly or in part, by the company to be permitted.):		
6	Telephone numbers & names of the owners' agents and site contacts familiar with plant operations:		

7	Affected Programs to include Other States, local air pollution control programs (i.e. Bernalillo) and Indian tribes: Will the property on which the facility is proposed to be constructed or operated be closer than 80 km (50 miles) from other states, local pollution control programs, and Indian tribes and pueblos (20.2.70.402.A.2 and 20.2.70.7.B)? If yes, state which ones and provide the distances in kilometers:
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Section 1-I – Submittal Requirements

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

Hard Copy Submittal Requirements:

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

Electronic files sent by (check one):

CD/DVD attached to paper application

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

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

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

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

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

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

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Section 8:	Map(s)
Section 9:	Proof of Public Notice
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Section 12:	PSD Applicability Determination for All Sources & Special Requirements for a PSD Application
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Section 14:	Operational Plan to Mitigate Emissions
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Section 17:	Compliance Test History
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Section 22: Certification Page

Table 2-A: Regulated Emission Sources

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

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ²	Controlled by Unit #	Source Classification Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
							Date of Construction/Reconstruction ²	Emissions vented to Stack #				
N/A - All "regulated emission sources" qualify for equipment exemptions under 20.72.202 NMAC. Refer to Table 2-B.									38500110	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced		

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

² Specify dates required to determine regulatory applicability.

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

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

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

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

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ³	
VLL1EG-1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-5	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-6	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-7	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-8	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-9	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-10	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-11	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-12	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-1R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL1EG-2R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-5	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-6	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-7	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-8	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-9	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-10	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-11	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-12	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-1R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	
VLL2EG-2R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2019	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL3EG-1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-5	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-6	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-7	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL3EG-8	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL3EG-9	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL3EG-10	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL3EG-11	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL3EG-12	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL3EG-1R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-2R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL4EG-1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL5EG-1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-5	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-6	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-7	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-8	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-9	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-10	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-11	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-12	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-1R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL5EG-2R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL6EG-1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL6EG-2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	
VLL6EG-3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To Be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
				bhp	NA	2021	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL6EG-4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-5	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-6	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-7	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-8	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-9	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-10	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-11	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-12	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-1R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-2R	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL1EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL1EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VCN-EG-DCBX	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2024	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2025	
VCN-EG-DCBY	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2024	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2025	
VLL1EG-1-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL1EG-1-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL1EG-1-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL1EG-1-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL2EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL2EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	2018	
VLL3EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL3EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2019	
VLL5EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL5EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL5EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL5EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2020	
VLL6EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL6EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VLL1EG-A1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2021	
VCN1EG- A1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2022	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One	
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²		
VCN1EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN1EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN1EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN1EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN2EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN2EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN2EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN2EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2022		
VCN3EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2023		
VCN3EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2023		
VCN3EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2023		
VCN3EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2023		
VCN4EG-I	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2023		
VCN5EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		
VCN5EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		
VCN5EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		
VCN5EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		
VCN6EG-N1	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		
VCN6EG-N2	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		
VCN6EG-N3	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
				bhp	NA	2024		

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VCN6EG-N4	Diesel-Fired Emergency Generator				20.2.72.202.B.3	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	2024	
TMP-1	Diesel-Fired Emergency Generator (Temporary)			TBD	20.2.72.202.B.3	TBD	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	TBD	
TMP-2	Diesel-Fired Emergency Generator (Temporary)			TBD	20.2.72.202.B.3	TBD	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	TBD	
Fire Pump 1	Diesel-Fired Fire Pump			240	20.2.72.202.A.4	TBD	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bkW	NA	TBD	
Fire Pump 2	Diesel-Fired Fire Pump			TBD	20.2.72.202.A.4	TBD	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input checked="" type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				bhp	NA	TBD	
VLL1DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-2	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-3	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-4	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-5	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-6	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-7	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-8	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-9	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-10	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-11	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-12	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-1R	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL1DBT-2R	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-2	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-3	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL2DBT-4	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-5	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-6	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-7	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL2DBT-8	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL2DBT-9	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL2DBT-10	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL2DBT-11	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL2DBT-12	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL2DBT-1R	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-2R	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-2	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-3	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-4	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-5	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-6	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-7	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL3DBT-8	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL3DBT-9	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL3DBT-10	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL3DBT-11	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL3DBT-12	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL3DBT-1R	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-2R	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL4DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL5DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-2	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-3	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-4	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-5	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-6	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-7	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-8	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-9	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-10	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-11	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-12	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-1R	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL5DBT-2R	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL6DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL6DBT-2	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One	
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²		
VLL6DBT-3	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-4	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-5	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-6	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-7	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-8	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-9	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-10	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-11	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-12	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-1R	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL6DBT-2R	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2018	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2018	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2017	<input type="checkbox"/> Existing (unchanged)	<input checked="" type="checkbox"/> To be Removed
				gallons	NA	2018	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2017	<input type="checkbox"/> Existing (unchanged)	<input checked="" type="checkbox"/> To be Removed
				gallons	NA	2018	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VCN-DBT-DCBX	Diesel Belly Tank				20.2.72.202.B.2	2024	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2025	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VCN-DBT-DCBY	Diesel Belly Tank				20.2.72.202.B.2	2024	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2025	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-1-N1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-1-N2	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-1-N3	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL1DBT-1-N4	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2021	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
VLL2DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
				gallons	NA	2018	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VLL2DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2018	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL2DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2017	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2018	
VLL3DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL3DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2019	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2019	
VLL5DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL5DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL5DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL5DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2020	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2020	
VLL6DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL6DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL6DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL6DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VLL1DBT-A1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2021	
VCN1DBT-A1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN1DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN1DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN1DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN1DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN2DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN2DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	
VCN2DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN2DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2021	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2022	
VCN3DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2023	
VCN3DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2023	
VCN3DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2023	
VCN3DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2023	
VCN4DBT-1	Diesel Belly Tank				20.2.72.202.B.2	2022	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2023	
VCN5DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN5DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN5DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN5DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN6DBT-N1	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN6DBT-N2	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN6DBT-N3	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	
VCN6DBT-N4	Diesel Belly Tank				20.2.72.202.B.2	2023	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
				gallons	NA	2024	

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

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

Table 2-C: Emissions Control Equipment

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

Control Equipment Unit No.	Control Equipment Description	Date Installed	Controlled Pollutant(s)	Controlling Emissions for Unit Number(s) ¹	Efficiency (% Control by Weight)	Method used to Estimate Efficiency
VLL5EG-1	SCR	2021	NOx	VLL5EG-1	90%	Manufacturer Data
VLL5EG-2	SCR	2021	NOx	VLL5EG-2	90%	Manufacturer Data
VLL5EG-3	SCR	2021	NOx	VLL5EG-3	90%	Manufacturer Data
VLL5EG-4	SCR	2021	NOx	VLL5EG-4	90%	Manufacturer Data
VLL5EG-5	SCR	2021	NOx	VLL5EG-5	90%	Manufacturer Data
VLL5EG-6	SCR	2021	NOx	VLL5EG-6	90%	Manufacturer Data
VLL5EG-7	SCR	2021	NOx	VLL5EG-7	90%	Manufacturer Data
VLL5EG-8	SCR	2021	NOx	VLL5EG-8	90%	Manufacturer Data
VLL5EG-9	SCR	2021	NOx	VLL5EG-9	90%	Manufacturer Data
VLL5EG-10	SCR	2021	NOx	VLL5EG-10	90%	Manufacturer Data
VLL5EG-11	SCR	2021	NOx	VLL5EG-11	90%	Manufacturer Data
VLL5EG-12	SCR	2021	NOx	VLL5EG-12	90%	Manufacturer Data
VLL5EG-1R	SCR	2021	NOx	VLL5EG-1R	90%	Manufacturer Data
VLL5EG-2R	SCR	2021	NOx	VLL5EG-2R	90%	Manufacturer Data
VLL6EG-1	SCR	2021	NOx	VLL6EG-1	90%	Manufacturer Data
VLL6EG-2	SCR	2021	NOx	VLL6EG-2	90%	Manufacturer Data
VLL6EG-3	SCR	2021	NOx	VLL6EG-3	90%	Manufacturer Data
VLL6EG-4	SCR	2021	NOx	VLL6EG-4	90%	Manufacturer Data
VLL6EG-5	SCR	2021	NOx	VLL6EG-5	90%	Manufacturer Data
VLL6EG-6	SCR	2021	NOx	VLL6EG-6	90%	Manufacturer Data
VLL6EG-7	SCR	2021	NOx	VLL6EG-7	90%	Manufacturer Data
VLL6EG-8	SCR	2021	NOx	VLL6EG-8	90%	Manufacturer Data
VLL6EG-9	SCR	2021	NOx	VLL6EG-9	90%	Manufacturer Data
VLL6EG-10	SCR	2021	NOx	VLL6EG-10	90%	Manufacturer Data
VLL6EG-11	SCR	2021	NOx	VLL6EG-11	90%	Manufacturer Data
VLL6EG-12	SCR	2021	NOx	VLL6EG-12	90%	Manufacturer Data
VLL6EG-1R	SCR	2021	NOx	VLL6EG-1R	90%	Manufacturer Data
VLL6EG-2R	SCR	2021	NOx	VLL6EG-2R	90%	Manufacturer Data

Control Equipment Unit No.	Control Equipment Description	Date Installed	Controlled Pollutant(s)	Controlling Emissions for Unit Number(s) ¹	Efficiency (% Control by Weight)	Method used to Estimate Efficiency
VLL5EG-N1	SCR	2020	NOx	VLL5EG-N1	90%	Manufacturer Data
VLL5EG-N2	SCR	2020	NOx	VLL5EG-N2	90%	Manufacturer Data
VLL5EG-N3	SCR	2020	NOx	VLL5EG-N3	90%	Manufacturer Data
VLL5EG-N4	SCR	2020	NOx	VLL5EG-N4	90%	Manufacturer Data
VLL6EG-N1	SCR	2021	NOx	VLL6EG-N1	90%	Manufacturer Data
VLL6EG-N2	SCR	2021	NOx	VLL6EG-N2	90%	Manufacturer Data
VLL6EG-N3	SCR	2021	NOx	VLL6EG-N3	90%	Manufacturer Data
VLL6EG-N4	SCR	2021	NOx	VLL6EG-N4	90%	Manufacturer Data
VCN1EG-N1	SCR	2022	NOx	VCN1EG-N1	90%	Manufacturer Data
VCN1EG-N2	SCR	2022	NOx	VCN1EG-N2	90%	Manufacturer Data
VCN1EG-N3	SCR	2022	NOx	VCN1EG-N3	90%	Manufacturer Data
VCN1EG-N4	SCR	2022	NOx	VCN1EG-N4	90%	Manufacturer Data
VCN2EG-N1	SCR	2022	NOx	VCN2EG-N1	90%	Manufacturer Data
VCN2EG-N2	SCR	2022	NOx	VCN2EG-N2	90%	Manufacturer Data
VCN2EG-N3	SCR	2022	NOx	VCN2EG-N3	90%	Manufacturer Data
VCN2EG-N4	SCR	2022	NOx	VCN2EG-N4	90%	Manufacturer Data
VCN3EG-N1	SCR	2023	NOx	VCN3EG-N1	90%	Manufacturer Data
VCN3EG-N2	SCR	2023	NOx	VCN3EG-N2	90%	Manufacturer Data
VCN3EG-N3	SCR	2023	NOx	VCN3EG-N3	90%	Manufacturer Data
VCN3EG-N4	SCR	2023	NOx	VCN3EG-N4	90%	Manufacturer Data
VCN4EG-1	SCR	2023	NOx	VCN4EG-1	90%	Manufacturer Data
VCN5EG-N1	SCR	2024	NOx	VCN5EG-N1	90%	Manufacturer Data
VCN5EG-N2	SCR	2024	NOx	VCN5EG-N2	90%	Manufacturer Data
VCN5EG-N3	SCR	2024	NOx	VCN5EG-N3	90%	Manufacturer Data
VCN5EG-N4	SCR	2024	NOx	VCN5EG-N4	90%	Manufacturer Data
VCN6EG-N1	SCR	2024	NOx	VCN6EG-N1	90%	Manufacturer Data
VCN6EG-N2	SCR	2024	NOx	VCN6EG-N2	90%	Manufacturer Data
VCN6EG-N3	SCR	2024	NOx	VCN6EG-N3	90%	Manufacturer Data
VCN6EG-N4	SCR	2024	NOx	VCN6EG-N4	90%	Manufacturer Data
VCN-EG-DCBX	SCR	2025	NOx	VCN-EG-DCBX	90%	Manufacturer Data
VCN-EG-DCBY	SCR	2025	NOx	VCN-EG-DCBY	90%	Manufacturer Data

Control Equipment Unit No.	Control Equipment Description	Date Installed	Controlled Pollutant(s)	Controlling Emissions for Unit Number(s) ¹	Efficiency (% Control by Weight)	Method used to Estimate Efficiency
¹ List each control device on a separate line. For each control device, list all emission units controlled by the control device.						

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

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

Maximum Emissions are the emissions at maximum capacity and prior to (in the absence of) pollution control, emission-reducing process equipment, or any other emission reduction. Calculate the hourly emissions using the worst case hourly emissions for each pollutant. For each pollutant, calculate the annual emissions as if the facility were operating at maximum plant capacity without pollution controls for 8760 hours per year, unless otherwise approved by the Department. List Hazardous Air Pollutants (HAP) & Toxic Air Pollutants (TAPs) in Table 2-1. Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM ¹⁰		PM ^{2.5}		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VLL1EG-1	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-2	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-3	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-4	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-5	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-6	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-7	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-8	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-9	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-10	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-11	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-12	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-1R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-2R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-1	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-2	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-3	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-4	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-5	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-6	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-7	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-8	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-9	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-10	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-11	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-12	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-1R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-2R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL3EG-1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-2	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-3	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-4	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-5	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-6	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-7	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-8	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-9	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-10	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-11	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-12	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-1R	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-2R	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL4EG-1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-5	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-6	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VLL5EG-7	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-8	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-9	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-10	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-11	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-12	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-1R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-2R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-5	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-6	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-7	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-8	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-9	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-10	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-11	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-12	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-1R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-2R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL1EG-N1	71.88	17.97	11.54	2.88	2.72	0.68	0.03	0.01	3.26	0.81	3.26	0.81	3.26	0.81	--	--	--	--
VLL1EG-N2	71.88	17.97	11.54	2.88	2.72	0.68	0.03	0.01	3.26	0.81	3.26	0.81	3.26	0.81	--	--	--	--
VLL1EG-1-N1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL1EG-1-N2	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL1EG-1-N3	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL1EG-1-N4	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL2EG-N1	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-N2	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-N3	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-N4	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL3EG-N1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-N2	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-N3	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-N4	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL1EG-A1	16.78	4.19	4.31	1.08	0.39	0.10	0.01	0.00	0.97	0.24	0.97	0.24	0.97	0.24	--	--	--	--
VCN1EG-A1	16.78	4.19	4.31	1.08	0.39	0.10	0.01	0.00	0.97	0.24	0.97	0.24	0.97	0.24	--	--	--	--
VCN1EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN1EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN1EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN1EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VCN3EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN4EG-1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN-EG-DCBX	6.37	1.59	12.04	3.01	0.61	0.15	0.03	0.01	2.18	0.55	2.18	0.55	2.18	0.55	--	--	--	--
VCN-EG-DCBY	6.37	1.59	12.04	3.01	0.61	0.15	0.03	0.01	2.18	0.55	2.18	0.55	2.18	0.55	--	--	--	--
TMP-1	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	--	--	--	--
TMP-2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	--	--	--	--
VLL1DBT-1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-5	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-6	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-7	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-8	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-9	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-10	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-11	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-12	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-2R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-5	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-6	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-7	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-8	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-9	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-10	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-11	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-12	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-1R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-2R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-5	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-6	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-7	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-8	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-9	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-10	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-11	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-12	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-1R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VLL3DBT-2R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL4DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-5	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-6	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-7	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-8	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-9	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-10	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-11	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-12	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-1R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-2R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-5	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-6	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-7	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-8	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-9	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-10	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-11	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-12	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-1R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-2R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-N1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-N2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--

Unit No.	NOx		CO		VOC		SOx		PM ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VCN1DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN-DBT-DCBX	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN-DBT-DCBY	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN4DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-A1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-A1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
Totals	4635.09	1158.77	779.11	194.78	256.69	64.17	5.00	1.25	207.45	51.86	207.45	51.86	207.45	51.86	--	--	--	--

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

Table 2-E: Requested Allowable Emissions

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

Unit No.	NOx ¹		CO		VOC		SOx		PM ^{2.5}		PM10 ²		PM2.5 ²		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VLL1EG-1	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-2	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-3	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-4	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-5	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-6	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-7	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-8	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-9	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-10	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-11	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-12	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-1R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL1EG-2R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-1	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-2	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-3	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-4	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-5	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-6	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-7	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-8	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-9	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-10	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-11	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-12	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-1R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-2R	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL3EG-1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-2	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-3	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-4	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-5	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-6	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-7	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-8	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-9	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-10	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-11	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-12	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-1R	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-2R	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL4EG-1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-5	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-6	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-7	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-8	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-9	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-10	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--

Unit No.	NOx ¹		CO		VOC		SOx		PM ²		PM10 ²		PM2.5 ²		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VLL5EG-11	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-12	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-1R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-2R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-5	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-6	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-7	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-8	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-9	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-10	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-11	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-12	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-1R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-2R	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL1EG-N1	71.88	17.97	11.54	2.88	2.72	0.68	0.03	0.01	3.26	0.81	3.26	0.81	3.26	0.81	--	--	--	--
VLL1EG-N2	71.88	17.97	11.54	2.88	2.72	0.68	0.03	0.01	3.26	0.81	3.26	0.81	3.26	0.81	--	--	--	--
VLL1EG-1-N1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL1EG-1-N2	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL1EG-1-N3	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL1EG-1-N4	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.46	0.36	1.46	0.36	1.46	0.36	--	--	--	--
VLL2EG-N1	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-N2	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-N3	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL2EG-N4	81.01	20.25	12.63	3.16	4.01	1.00	0.04	0.01	2.60	0.65	2.60	0.65	2.60	0.65	--	--	--	--
VLL3EG-N1	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-N2	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-N3	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL3EG-N4	64.56	16.14	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL5EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL6EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VLL1EG-A1	16.78	4.19	4.31	1.08	0.39	0.10	0.01	0.00	0.97	0.24	0.97	0.24	0.97	0.24	--	--	--	--
VCN1EG-A1	16.78	4.19	4.31	1.08	0.39	0.10	0.01	0.00	0.97	0.24	0.97	0.24	0.97	0.24	--	--	--	--
VCN1EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN1EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN1EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN1EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN2EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN3EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN4EG-1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--

Unit No.	NOx ¹		CO		VOC		SOx		PM ²		PM10 ²		PM2.5 ²		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VCN5EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN5EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N1	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N2	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N3	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN6EG-N4	6.46	1.61	3.99	1.00	1.49	0.37	0.04	0.01	1.39	0.35	1.39	0.35	1.39	0.35	--	--	--	--
VCN-EG-DCBX	6.37	1.59	12.04	3.01	0.61	0.15	0.03	0.01	2.18	0.55	2.18	0.55	2.18	0.55	--	--	--	--
VCN-EG-DCBY	6.37	1.59	12.04	3.01	0.61	0.15	0.03	0.01	2.18	0.55	2.18	0.55	2.18	0.55	--	--	--	--
TMP-1	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	--	--	--	--
TMP-2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	--	--	--	--
VLL1DBT-1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-5	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-6	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-7	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-8	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-9	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-10	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-11	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-12	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-2R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-5	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-6	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-7	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-8	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-9	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-10	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-11	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-12	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-1R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-2R	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-5	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-6	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-7	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-8	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-9	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-10	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-11	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-12	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-1R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-2R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL4DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--

Unit No.	NOx ¹		CO		VOC		SOx		PM ²		PM10 ²		PM2.5 ²		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VLL5DBT-5	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-6	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-7	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-8	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-9	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-10	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-11	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-12	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-1R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-2R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-5	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-6	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-7	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-8	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-9	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-10	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-11	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-12	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-1R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-2R	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-N1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-N2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-1-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL2DBT-N4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL3DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL5DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL6DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N2	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N3	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN2DBT-N4	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--

Unit No.	NOx ¹		CO		VOC		SOx		PM ²		PM10 ²		PM2.5 ²		H ₂ S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
VCN3DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN3DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN5DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N2	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N3	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN6DBT-N4	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN-DBT-DCBX	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN-DBT-DCBY	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN4DBT-1	--	--	--	--	0.02	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VLL1DBT-A1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
VCN1DBT-A1	--	--	--	--	0.01	0.00	--	--	--	--	--	--	--	--	--	--	--	--
Totals	--	99.90	--	99.90	--	22.37	--	--	--	--	--	--	--	--	--	--	--	--

¹NO_x emissions listed in this table represent maximum controlled emissions for the generators equipped with SCR (all VLL5, VLL6, and VCN engines, excluding the VCN admin generators).

²Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but it is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

NOTE: The maximum allowable annual emissions for each emergency generator are based on a maximum of 500 hours of operation per generator. The site-wide allowable emissions (Totals) are based on the requested Title V synthetic minor limitations for the site. As discussed in Section 2.1 of the application report, the applicant will conduct monthly NO_x and CO emissions tracking in order to ensure compliance with the requested site-wide allowable emission limits.

Table 2-J: Fuel

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

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VLL1EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-5	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-6	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-7	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-8	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-9	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-10	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-11	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-12	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-1R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-2R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VLL2EG-5	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-6	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-7	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-8	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-9	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-10	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-11	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-12	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-1R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-2R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-5	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-6	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-7	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-8	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-9	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VLL3EG-10	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-11	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-12	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-1R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-2R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL4EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-5	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-6	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-7	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-8	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-9	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-10	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-11	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-12	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-1R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VLL5EG-2R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-5	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-6	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-7	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-8	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-9	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-10	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-11	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-12	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-1R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-2R	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN-EG-DCBX	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN-EG-DCBY	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VLL1EG-1-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-1-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-1-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-1-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL2EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL3EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL5EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL6EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VLL6EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VLL1EG-A1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN1EG-A1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN1EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN1EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN1EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN1EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN2EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN2EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN2EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN2EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN3EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN3EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN3EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN3EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN4EG-1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN5EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN5EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN5EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units				
			Lower Heating Value	Hourly Usage	Annual Usage	% Sulfur	% Ash
VCN5EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN6EG-N1	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN6EG-N2	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN6EG-N3	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
VCN6EG-N4	Ultra Low Sulfur Diesel, including Renewable Diesel	Purchased Commercial				0.0015	NA
TMP-1	Ultra Low Sulfur Diesel	Purchased Commercial				0.0015	NA
TMP-2	Ultra Low Sulfur Diesel	Purchased Commercial				0.0015	NA

Table 2-P: Greenhouse Gas Emissions

Applications submitted under 20.2.70, 20.2.72, & 20.2.74 NMAC are required to complete this Table. Power plants, Title V major sources, and PSD major sources must report and calculate all GHG emissions for each unit. Applicants must report potential emission rates in short tons per year (see Section 6.a for assistance). Include GHG emissions during Startup, Shutdown, and Scheduled Maintenance in this table. For minor source facilities that are not power plants, are not Title V, or are not PSD, there are three options for reporting GHGs 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHG as a second separate unit; OR 3) check the following box X By checking this box, the applicant acknowledges the total CO2e emissions are less than 75,000 tons per year.

		CO ₂ ton/yr	N ₂ O ton/yr	CH ₄ ton/yr	SF ₆ ton/yr	PFC/HFC ton/yr ²									Total GHG Mass Basis ton/yr ⁴	Total CO ₂ e ton/yr ⁵
Unit No.	GWPs¹	1	298	25	22,800	footnote 3										
	mass GHG															
	CO ₂ e															
	mass GHG															
	CO ₂ e															
Total	mass GHG															
	CO ₂ e															

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

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

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

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

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

Section 3

Application Summary

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

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

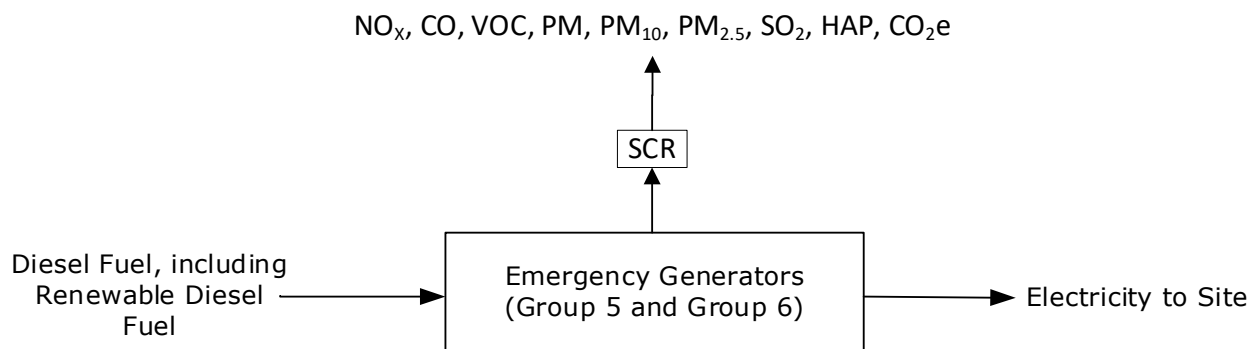
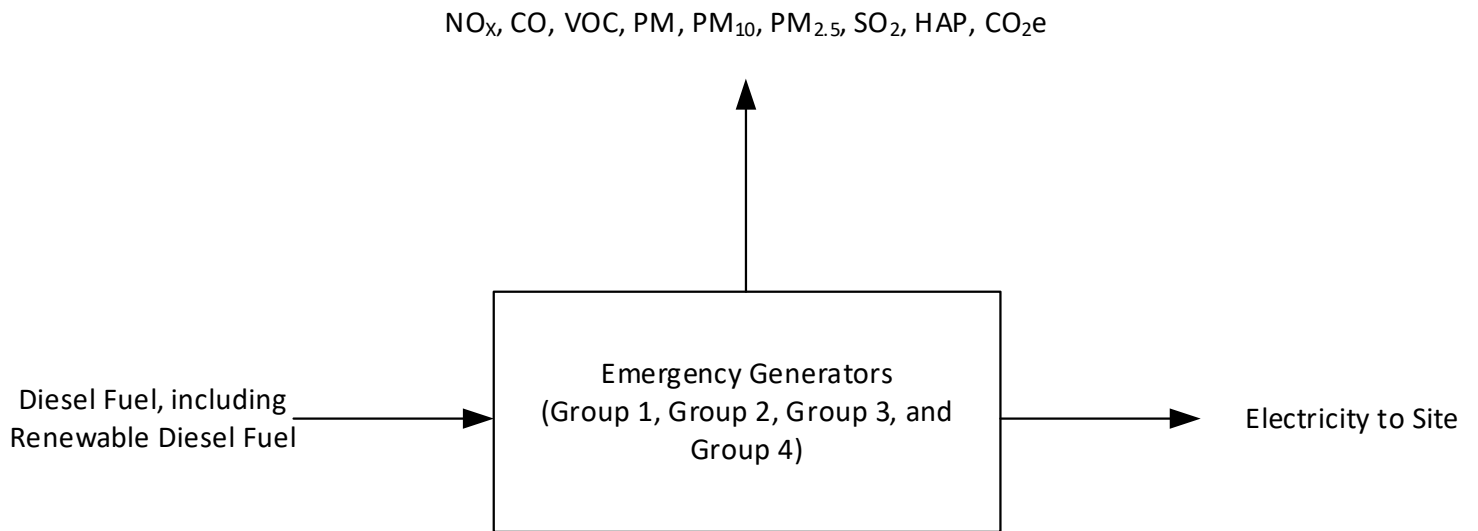
Startup, Shutdown, and Maintenance (SSM) routine or predictable emissions: Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html)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

[See Sections 1, 2, 3, and 4 of the application report.](#)

Section 4

Process Flow Sheet

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



Section 5

Plot Plan Drawn to Scale

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

[See Appendix 1.](#)

Section 6

All Calculations

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

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

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

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

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

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

Significant Figures:

- A. All emissions standards are deemed to have at least two significant figures, but not more than three significant figures.
- B. At least 5 significant figures shall be retained in all intermediate calculations.
- C. In calculating emissions to determine compliance with an emission standard, the following rounding off procedures shall be used:

- (1) If the first digit to be discarded is less than the number 5, the last digit retained shall not be changed;
- (2) If the first digit discarded is greater than the number 5, or if it is the number 5 followed by at least one digit other than the number zero, the last figure retained shall be increased by one unit; **and**
- (3) If the first digit discarded is exactly the number 5, followed only by zeros, the last digit retained shall be rounded upward if it is an odd number, but no adjustment shall be made if it is an even number.
- (4) The final result of the calculation shall be expressed in the units of the standard.

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

[See Section 3 of the application report and Appendices 3 and 6 of the application.](#)

Section 6.a

Green House Gas Emissions

(Submitting under 20.2.70, 20.2.72 20.2.74 NMAC)

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

Calculating GHG Emissions:

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

Sources for Calculating GHG Emissions:

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

Global Warming Potentials (GWP):

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

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

Metric to Short Ton Conversion:

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

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

Section 7

Information Used to Determine Emissions

Information Used to Determine Emissions shall include the following:

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

Potential emissions of NO_x, CO, VOC, filterable PM, PM₁₀, and PM_{2.5} from the generators were conservatively estimated based on the manufacturer's not to exceed emissions data, or when not to exceed data was not available, from the manufacturer's nominal emissions data with safety factors applied. Emission factors for condensable PM, SO₂, and HAP are from the USEPA's AP-42, Section 3.4, Large Stationary Diesel And All Stationary Dual-fuel Engines, Tables 3.4-1 and 3.4-3 (October 1996).

See Section 3 of the application report and Appendices 3 and 6 of the application.

Table 3.4-1. GASEOUS EMISSION FACTORS FOR LARGE STATIONARY DIESEL AND ALL STATIONARY DUAL-FUEL ENGINES^a

Pollutant	Diesel Fuel (SCC 2-02-004-01)			Dual Fuel ^b (SCC 2-02-004-02)		
	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	EMISSION FACTOR RATING	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	EMISSION FACTOR RATING
NO _x						
Uncontrolled	0.024	3.2	B	0.018	2.7	D
Controlled	0.013 ^c	1.9 ^c	B	ND	ND	NA
CO	5.5 E-03	0.85	C	7.5 E-03	1.16	D
SO _x ^d	8.09 E-03S ₁	1.01S ₁	B	4.06 E-04S ₁ + 9.57 E-03S ₂	0.05S ₁ + 0.895S ₂	B
CO ₂ ^e	1.16	165	B	0.772	110	B
PM	0.0007 ^c	0.1 ^c	B	ND	ND	NA
TOC (as CH ₄)	7.05 E-04	0.09	C	5.29 E-03	0.8	D
Methane	f	f	E	3.97 E-03	0.6	E
Nonmethane	f	f	E	1.32 E-03	0.2 ^g	E

^a Based on uncontrolled levels for each fuel, from References 2,6-7. When necessary, the average heating value of diesel was assumed to be 19,300 Btu/lb with a density of 7.1 lb/gallon. The power output and fuel input values were averaged independently from each other, because of the use of actual brake-specific fuel consumption (BSFC) values for each data point and of the use of data possibly sufficient to calculate only 1 of the 2 emission factors (e. g., enough information to calculate lb/MMBtu, but not lb/hp-hr). Factors are based on averages across all manufacturers and duty cycles. The actual emissions from a particular engine or manufacturer could vary considerably from these levels. To convert from lb/hp-hr to kg/kw-hr, multiply by 0.608. To convert from lb/MMBtu to ng/J, multiply by 430. SCC = Source Classification Code.

^b Dual fuel assumes 95% natural gas and 5% diesel fuel.

^c References 8-26. Controlled NO_x is by ignition timing retard.

^d Assumes that all sulfur in the fuel is converted to SO₂. S₁ = % sulfur in fuel oil; S₂ = % sulfur in natural gas. For example, if sulfur content is 1.5%, then S = 1.5.

^e Assumes 100% conversion of carbon in fuel to CO₂ with 87 weight % carbon in diesel, 70 weight % carbon in natural gas, dual-fuel mixture of 5% diesel with 95% natural gas, average BSFC of 7,000 Btu/hp-hr, diesel heating value of 19,300 Btu/lb, and natural gas heating value of 1050 Btu/scf.

^f Based on data from 1 engine, TOC is by weight 9% methane and 91% nonmethane.

^g Assumes that nonmethane organic compounds are 25% of TOC emissions from dual-fuel engines. Molecular weight of nonmethane gas stream is assumed to be that of methane.

Table 3.4-3. SPECIATED ORGANIC COMPOUND EMISSION FACTORS FOR LARGE UNCONTROLLED STATIONARY DIESEL ENGINES^a

EMISSION FACTOR RATING: E

Pollutant	Emission Factor (lb/MMBtu) (fuel input)
Benzene ^b	7.76 E-04
Toluene ^b	2.81 E-04
Xylenes ^b	1.93 E-04
Propylene	2.79 E-03
Formaldehyde ^b	7.89 E-05
Acetaldehyde ^b	2.52 E-05
Acrolein ^b	7.88 E-06

^aBased on 1 uncontrolled diesel engine from Reference 7. Source Classification Code 2-02-004-01. Not enough information to calculate the output-specific emission factors of lb/hp-hr. To convert from lb/MMBtu to ng/J, multiply by 430.

^bHazardous air pollutant listed in the *Clean Air Act*.

Table 3.4-4. PAH EMISSION FACTORS FOR LARGE UNCONTROLLED STATIONARY DIESEL ENGINES^a

EMISSION FACTOR RATING: E

PAH	Emission Factor (lb/MMBtu) (fuel input)
Naphthalene ^b	1.30 E-04
Acenaphthylene	9.23 E-06
Acenaphthene	4.68 E-06
Fluorene	1.28 E-05
Phenanthrene	4.08 E-05
Anthracene	1.23 E-06
Fluoranthene	4.03 E-06
Pyrene	3.71 E-06
Benz(a)anthracene	6.22 E-07
Chrysene	1.53 E-06
Benzo(b)fluoranthene	1.11 E-06
Benzo(k)fluoranthene	<2.18 E-07
Benzo(a)pyrene	<2.57 E-07
Indeno(1,2,3-cd)pyrene	<4.14 E-07
Dibenz(a,h)anthracene	<3.46 E-07
Benzo(g,h,l)perylene	<5.56 E-07
TOTAL PAH	<2.12 E-04

^a Based on 1 uncontrolled diesel engine from Reference 7. Source Classification Code 2-02-004-01. Not enough information to calculate the output-specific emission factors of lb/hp-hr. To convert from lb/MMBtu to ng/J, multiply by 430.

^b Hazardous air pollutant listed in the *Clean Air Act*.

Section 8

Map(s)

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

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

[See Appendix 1.](#)

Section 9

Proof of Public Notice

(for NSR applications submitting under 20.2.72 or 20.2.74 NMAC)

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

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

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

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

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

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

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

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

Section 9.1

Certified Letter Receipts with Postmark

7014 0150 0000 6505 7519

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Santa Fe, NM 87594

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Certified Fee	\$8.73	
Restricted Delivery Fee (Endorsement Required)	\$0.68	



Sent To
NEW MEXICO DEPARTMENT OF TRANSPORTATION
PO BOX 1149
SANTA FE, NM 87504-1149

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7540

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Certified Fee	\$8.73	
Restricted Delivery Fee (Endorsement Required)	\$0.68	



Sent To
VILLAGE OF LOS LUNAS
660 MAIN STREET
LOS LUNAS, NM 87031

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7618

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Peralta, NM 87042

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Certified Fee	\$8.73	
Restricted Delivery Fee (Endorsement Required)	\$0.68	



Sent To
KORI TAYLOR
TOWN CLERK/ADMINISTRATOR
P.O. BOX 1830
PERALTA, NEW MEXICO 87042

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7281

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Certified Fee	\$8.73	
Restricted Delivery Fee (Endorsement Required)	\$0.68	



Sent To
VILLAGE OF LOS LUNAS
660 MAIN STREET
LOS LUNAS, NM 87031

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7274

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Certified Fee	\$8.73	
Restricted Delivery Fee (Endorsement Required)	\$0.68	



Sent To
VILLAGE OF LOS LUNAS
660 MAIN STREET
LOS LUNAS, NM 87031

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7304

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Albuquerque, NM 87113

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Certified Fee	\$8.73	
Restricted Delivery Fee (Endorsement Required)	\$0.68	



Sent To
DOUBLE M PROPERTIES INC
4400 ALAMEDA BLVD NE SUITE E
ALBUQUERQUE, NM 87113

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7908

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Albuquerque, NM 87103

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
	\$0.68	
Total Postage &	\$8.73	

Sent To ETHAN WATSON
CITY CLERK
Street, Apt. No., or PO Box No. P.O. BOX 1293
City, State, ZIP+4 ALBUQUERQUE, NEW MEXICO 87103

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7656

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
	\$0.68	
Total Postage &	\$8.73	

Sent To DANNY MONETTE
COUNTY MANAGER
Street, Apt. No., or PO Box No. P.O. BOX 1119
City, State, ZIP+4 LOS LUNAS, NEW MEXICO 87031

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7649

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Belem, NM 87002

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
	\$0.68	
Total Postage &	\$8.73	

Sent To ROSEANN PERALTA
CITY MANAGER
Street, Apt. No., or PO Box No. 100 S. MAIN ST.
City, State, ZIP+4 BELEN, NM 87002

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7632

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Bosque Farms, NM 87068

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
	\$0.68	
Total Postage &	\$8.73	

Sent To VERNON ABEITA
VILLAGE CLERK/ADMINISTRATOR
Street, Apt. No., or PO Box No. 1455 WEST BOSQUE LOOP
City, State, ZIP+4 BOSQUE FARMS, NM 87068

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7571

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
	\$0.68	
Total Postage &	\$8.73	

Sent To VILLAGE OF LOS LUNAS
660 MAIN STREET
Street, Apt. No., or PO Box No. LOS LUNAS, NM 87031
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7915

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

Albuquerque, NM 87102

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
	\$0.68	
Total Postage & F	\$8.73	

Sent To JULIE MORGAS BACA
COUNTY MANAGER
Street, Apt. No., or PO Box No. 415 SILVER SW, 8TH FLOOR
City, State, ZIP+4 ALBUQUERQUE, NM 87102

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7601

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
Isleta, NM 87022

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$8.73	

Sent To: GOVERNOR MAX ZUNI
PUEBLO OF ISLETA
P.O. BOX 1290
ISLETA, NM 87022

Postmark Here: MAR 14 2024 SEATTLE WA 98154 USPS

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7588

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
Columbus, OH 43207

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$8.73	

Sent To: SOUTHWEST HARMON PROPERTIES LLC
4140 LOCKBOURNE ROAD
COLUMBUS, OH 43207

Postmark Here: MAR 14 2024 SEATTLE WA 98154 USPS

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7557

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$8.73	

Sent To: HUNING LIMITED PARTNERSHIP
PO BOX 178
LOS LUNAS, NM 87031

Postmark Here: MAR 14 2024 SEATTLE WA 98154 USPS

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7625

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$8.73	

Sent To: GREGORY D. MARTIN
VILLAGE ADMINISTRATOR
660 MAIN ST. NW
LOS LUNAS, NM 87031

Postmark Here: MAR 14 2024 SEATTLE WA 98154 USPS

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7595

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
Albuquerque, NM 87102

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$8.73	

Sent To: NMRD DATA CENTER LLC
414 SILVER SW
ALBUQUERQUE, NM 87102

Postmark Here: MAR 14 2024 SEATTLE WA 98154 USPS

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7564

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$8.73	

Sent To: WAL-MART DISTRIBUTION CENTER
PO BOX 1209
LOS LUNAS, NM 87031

Postmark Here: MAR 14 2024 SEATTLE WA 98154 USPS

PS Form 3800, August 2006 See Reverse for Instructions

7014 0150 0000 6505 7533

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
 Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$0.68	
\$8.73	VILLAGE OF LOS LUNAS	
<i>Sent To</i>	660 MAIN STREET	
<i>Street, Apt. No., or PO Box No.</i>	LOS LUNAS, NM 87031	
<i>City, State, ZIP+4</i>		

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7311

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
 Albuquerque, NM 87113

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$0.68	
\$8.73	DOUBLE M PROPERTIES INC	
<i>Sent To</i>	4400 ALAMEDA BLVD NE SUITE E	
<i>Street, Apt. No., or PO Box No.</i>	ALBUQUERQUE, NM 87113	
<i>City, State, ZIP+4</i>		

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7526

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
 Albuquerque, NM 87110

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$0.68	
\$8.73	LOS MORROS INVESTMENT GROUP LLC	
<i>Sent To</i>	7615 INDIAN SCHOOL RD NE	
<i>Street, Apt. No., or PO Box No.</i>	ALBUQUERQUE, NM 87110	
<i>City, State, ZIP+4</i>		

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7328

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
 Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$0.68	
\$8.73	SIERRA VISTA LOS LUNAS LLC	
<i>Sent To</i>	3211 HIGHWAY 47	
<i>Street, Apt. No., or PO Box No.</i>	LOS LUNAS, NM 87031	
<i>City, State, ZIP+4</i>		

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0000 6505 7298

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
 Los Lunas, NM 87031

Postage	\$4.40	0037
Certified Fee	\$3.65	10
Return Receipt Fee (Endorsement Required)	\$0.00	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage &	\$0.68	
\$8.73	SIERRA VISTA LOS LUNAS LLC	
<i>Sent To</i>	3211 HIGHWAY 47	
<i>Street, Apt. No., or PO Box No.</i>	LOS LUNAS, NM 87031	
<i>City, State, ZIP+4</i>		

PS Form 3800, August 2006 See Reverse for Instructions

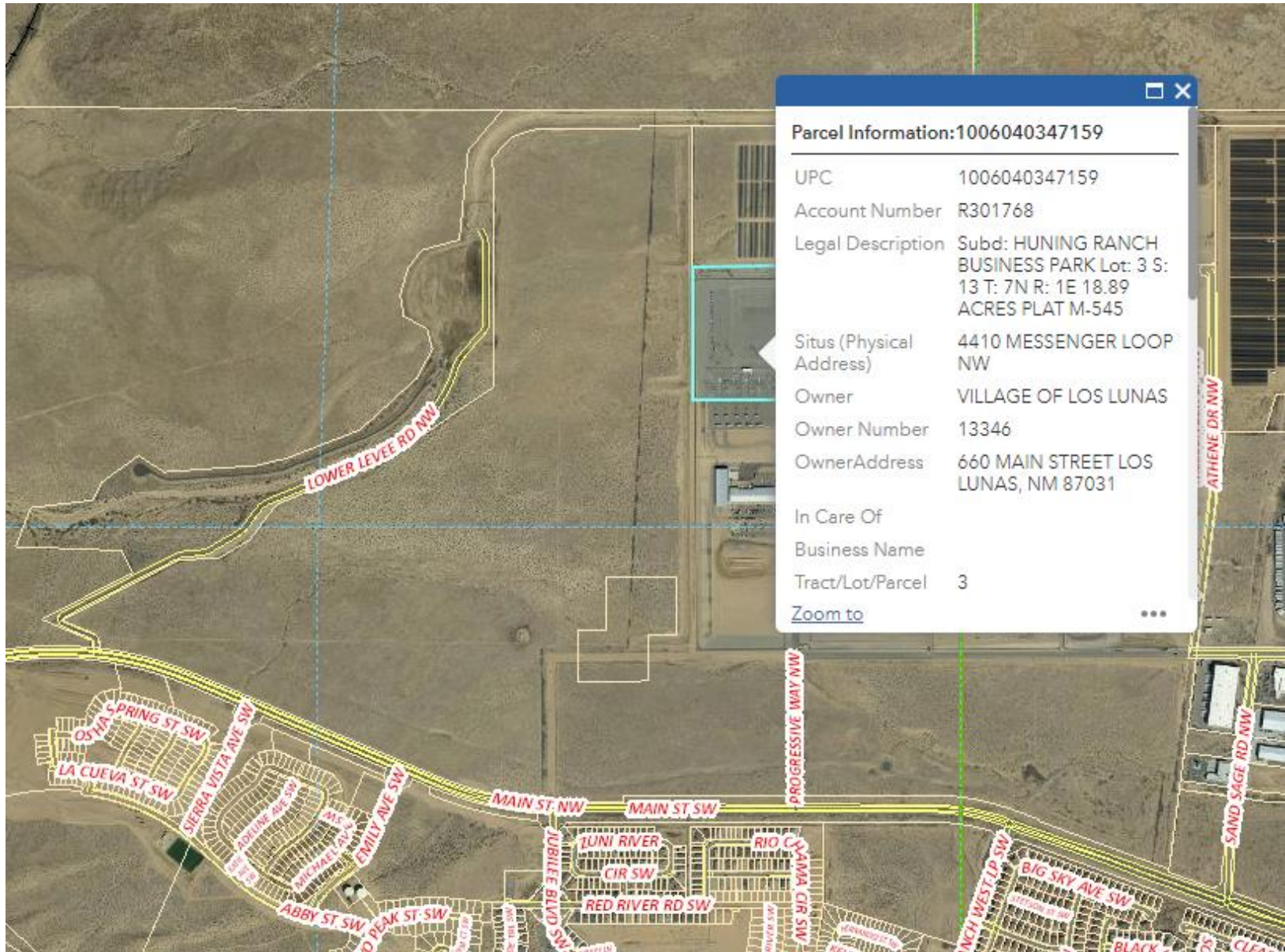


Section 9.2

Please see Section 9.6.1 – General Posting of Notices (Public Areas and Facility)

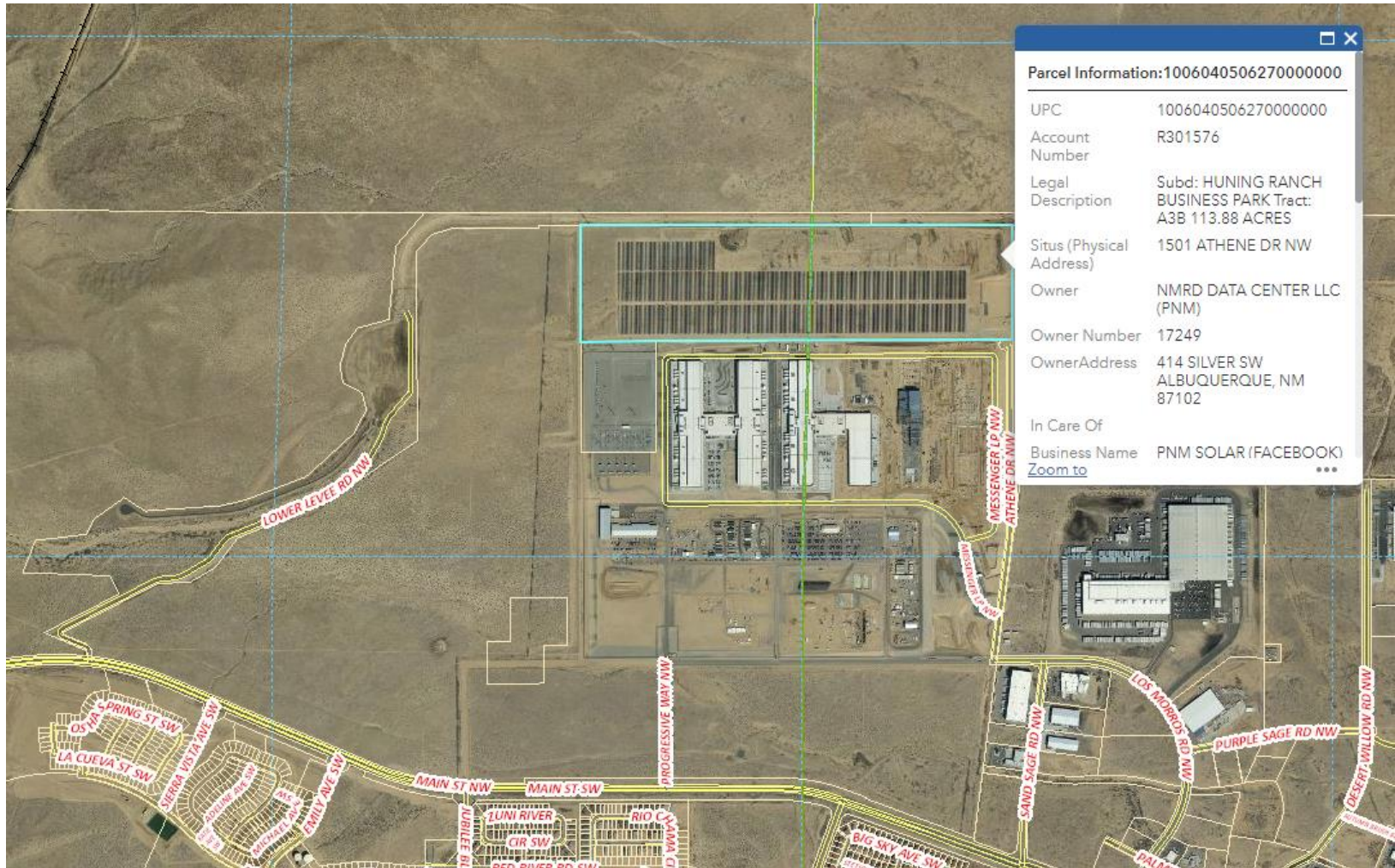
Section 9.3

Property Tax Records



Parcel Information: 1006040347159

UPC 1006040347159
Account Number R301768
Legal Description Subd: HUNING RANCH
BUSINESS PARK Lot: 3 S:
13 T: 7N R: 1E 18.89
ACRES PLAT M-545
Situs (Physical Address) 4410 MESSENGER LOOP
NW
Owner VILLAGE OF LOS LUNAS
Owner Number 13346
OwnerAddress 660 MAIN STREET LOS
LUNAS, NM 87031
In Care Of
Business Name
Tract/Lot/Parcel 3
[Zoom to](#) ...



Parcel Information: 1006040506270000000

UPC	1006040506270000000
Account Number	R301576
Legal Description	Subd: HUNING RANCH BUSINESS PARK Tract: A3B 113.88 ACRES
Situs (Physical Address)	1501 ATHENE DR NW
Owner	NMRD DATA CENTER LLC (PNM)
Owner Number	17249
OwnerAddress	414 SILVER SW ALBUQUERQUE, NM 87102
In Care Of	
Business Name	PNM SOLAR (FACEBOOK)
Zoom to	...



(1 of 3) ▶ □ ×

Parcel Information: 1007040209067000000

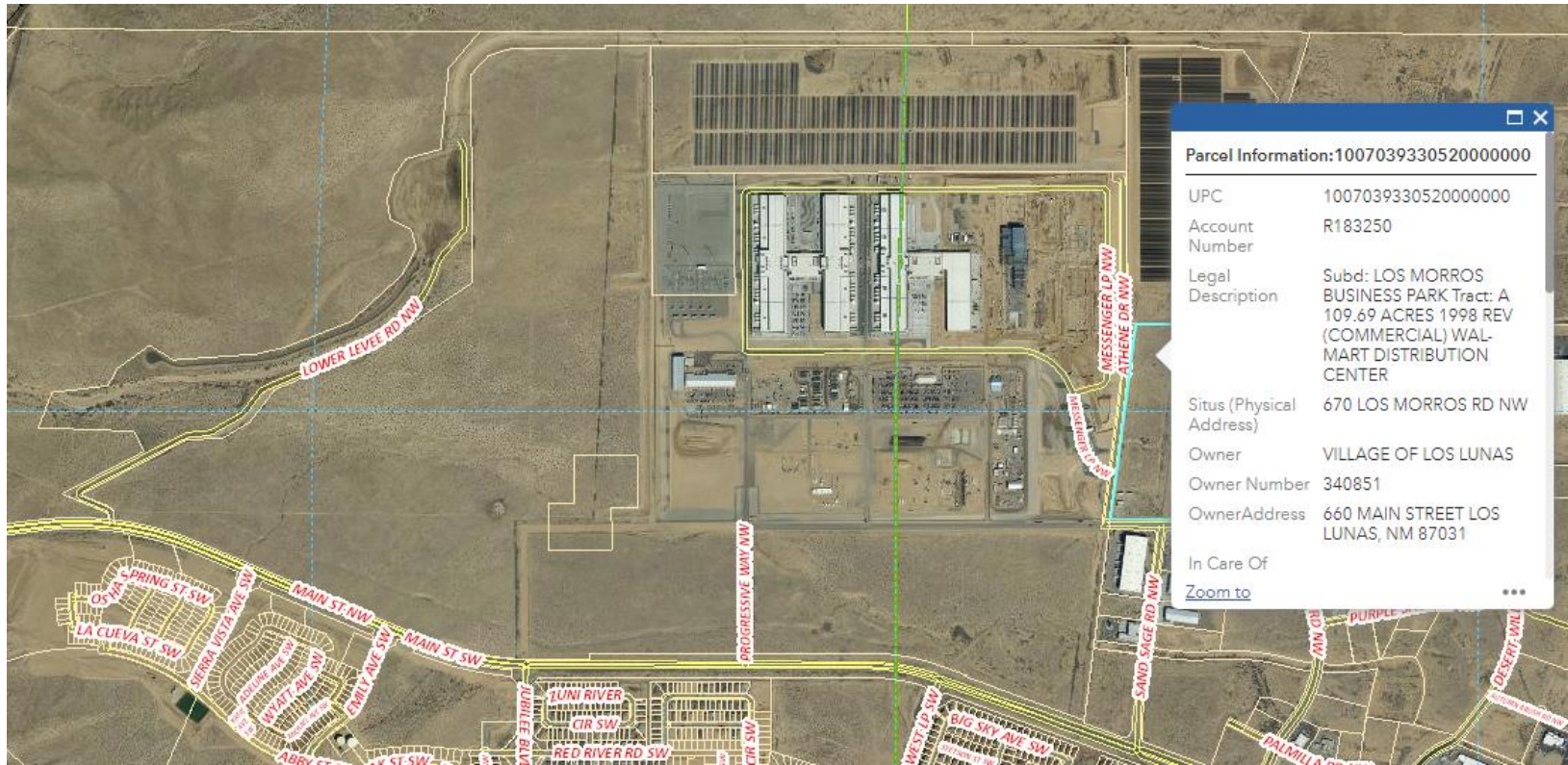
UPC	1007040209067000000
Account Number	R301556
Legal Description	Subd: HUNING RANCH BUSINESS PARK Tract: A5 5.48 ACRES
Situs (Physical Address)	
Owner	VILLAGE OF LOS LUNAS
Owner Number	99906
OwnerAddress	660 MAIN STREET LOS LUNAS, NM 87031
In Care Of	
Business Name	
Tract/Lot/Parcel	A5
Zoom to	...



(1 of 5)

Parcel Information:1007039193424

UPC	1007039193424
Account Number	R302915
Legal Description	Subd: HUNING RANCH BUSINESS PARK Lot: 4 0.16 ACRES PLAT M-498
Situs (Physical Address)	
Owner	VILLAGE OF LOS LUNAS
Owner Number	13346
OwnerAddress	660 MAIN STREET LOS LUNAS, NM 87031
In Care Of	
Business Name	
Tract/Lot/Parcel	4
Subdivision	HUNING RANCH
Zoom to	...



Parcel Information: 100703933052000000

UPC	100703933052000000
Account Number	R183250
Legal Description	Subd: LOS MORROS BUSINESS PARK Tract: A 109.69 ACRES 1998 REV (COMMERCIAL) WAL-MART DISTRIBUTION CENTER
Situs (Physical Address)	670 LOS MORROS RD NW
Owner	VILLAGE OF LOS LUNAS
Owner Number	340851
OwnerAddress	660 MAIN STREET LOS LUNAS, NM 87031
In Care Of	
Zoom to	...



(1 of 2)

Parcel Information:1007039210401000000

UPC	1007039210401000000
Account Number	R214989
Legal Description	Subd: LOS MORROS BUSINESS PARK Tract: C1A 6.00 ACRES 2005 REV (COM'L-SOUTHWEST HARMON PROPERTIES)
Situs (Physical Address)	549 SAND SAGE RD NW
Owner	SOUTHWEST HARMON PROPERTIES LLC
Owner Number	25817
OwnerAddress	4140 LOCKBOURNE ROAD COLUMBUS, OH 43207

Zoom to

Sundance Elementary School

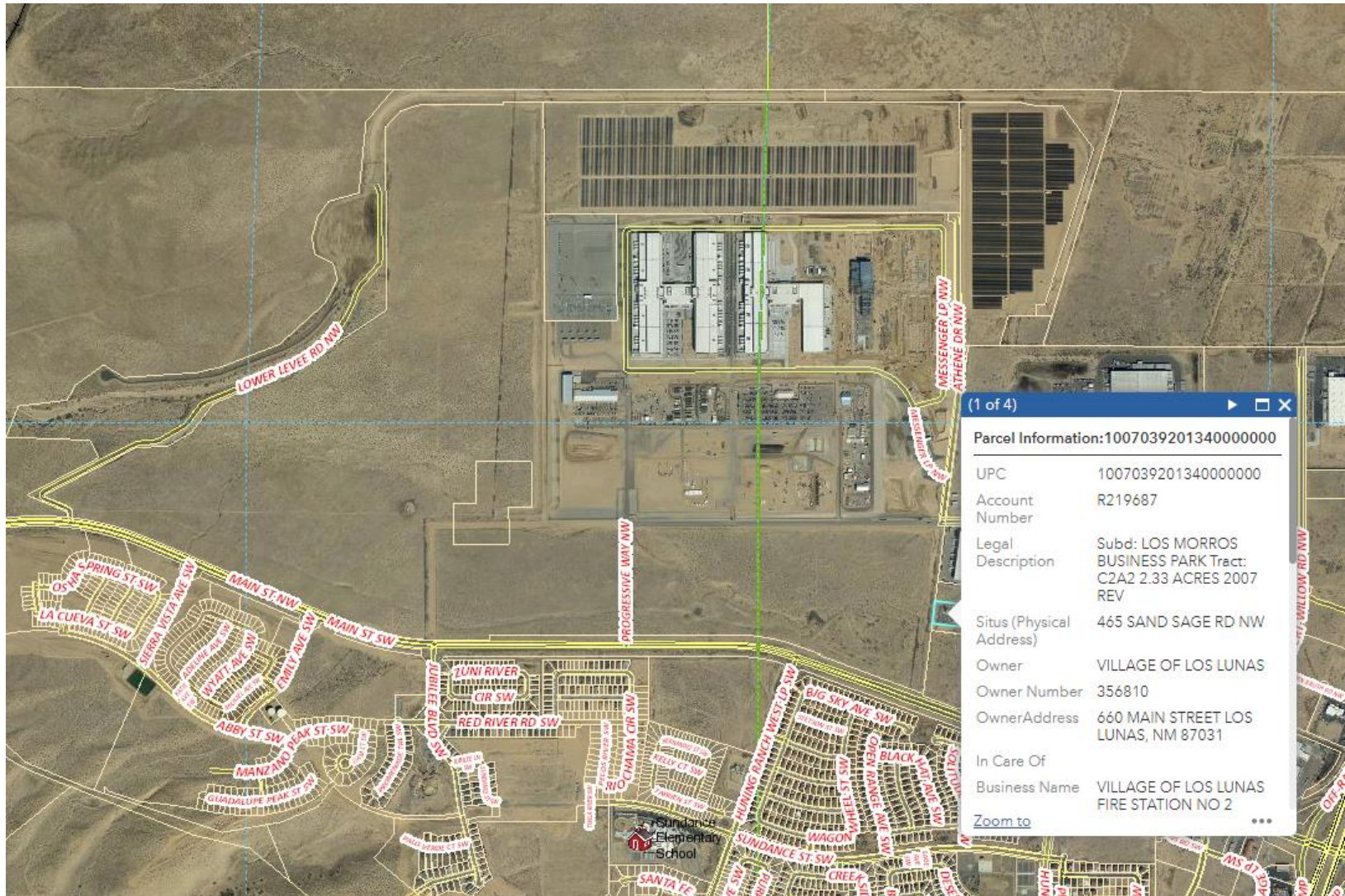


(1 of 3)

Parcel Information:1007039204362000000

UPC	1007039204362000000
Account Number	R214430
Legal Description	Subd: LOS MORROS BUSINESS PARK Tract: C2A1 2.00 ACRES 2007 REV
Situs (Physical Address)	
Owner	LOS MORROS INVESTMENT GROUP LLC
Owner Number	356977
OwnerAddress	7615 INDIAN SCHOOL RD NE ALBUQUERQUE, NM 87110
In Care Of	

[Zoom to](#) ...



(1 of 4)

Parcel Information:100703920134000000

UPC	100703920134000000
Account Number	R219687
Legal Description	Subd: LOS MORROS BUSINESS PARK Tract: C2A2 2.33 ACRES 2007 REV
Situs (Physical Address)	465 SAND SAGE RD NW
Owner	VILLAGE OF LOS LUNAS
Owner Number	356810
OwnerAddress	660 MAIN STREET LOS LUNAS, NM 87031
In Care Of	
Business Name	VILLAGE OF LOS LUNAS FIRE STATION NO 2
Zoom to	...

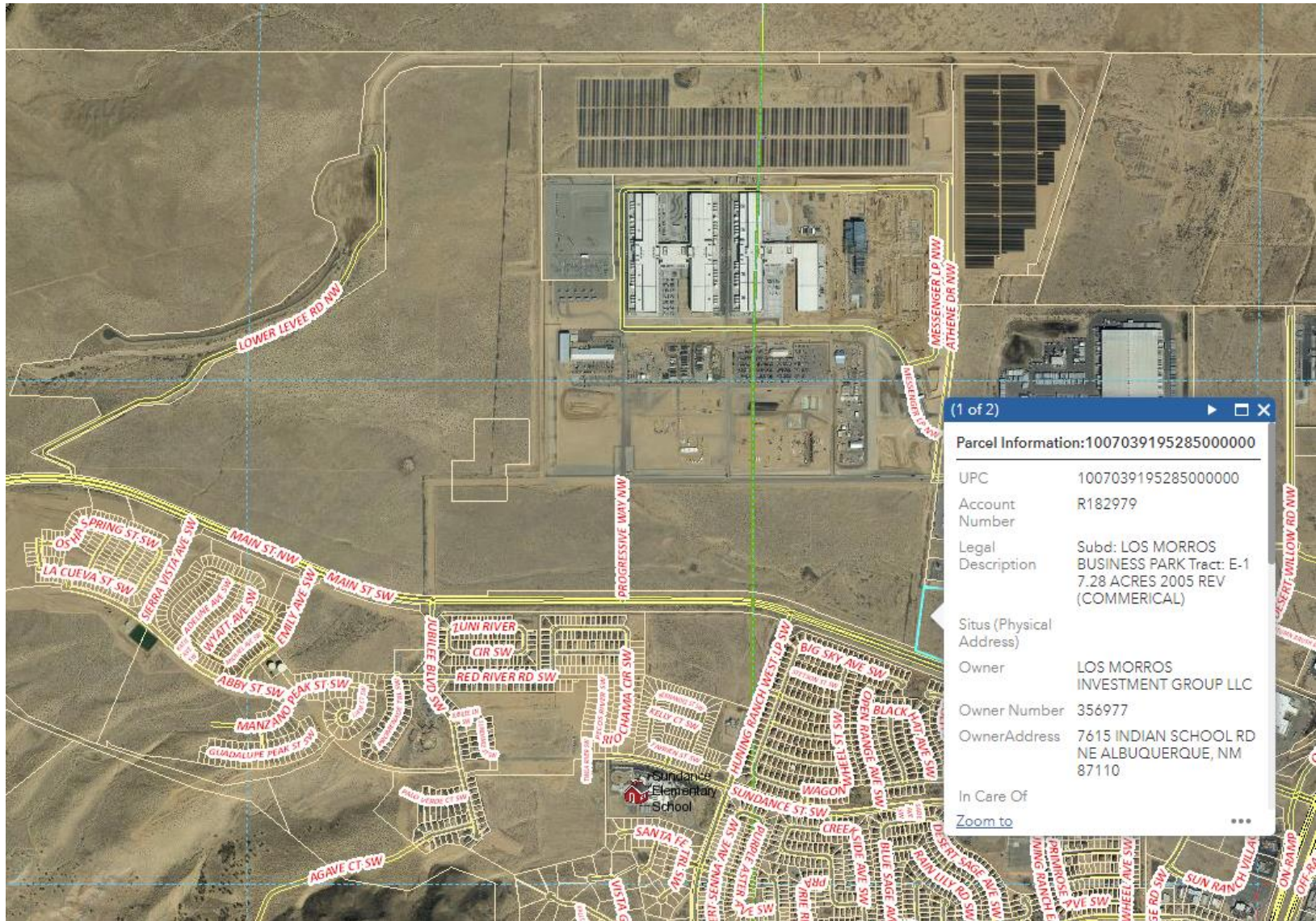


(1 of 3)

Parcel Information: 1007039200325000000

UPC	1007039200325000000
Account Number	R182985
Legal Description	Subd: LOS MORROS BUSINESS PARK Tract: L-1 0.75 ACRE 2005 REV (ROAD)
Situs (Physical Address)	
Owner	LOS MORROS INVESTMENT GROUP LLC
Owner Number	356977
OwnerAddress	7615 INDIAN SCHOOL RD NE ALBUQUERQUE, NM 87110
In Care Of	

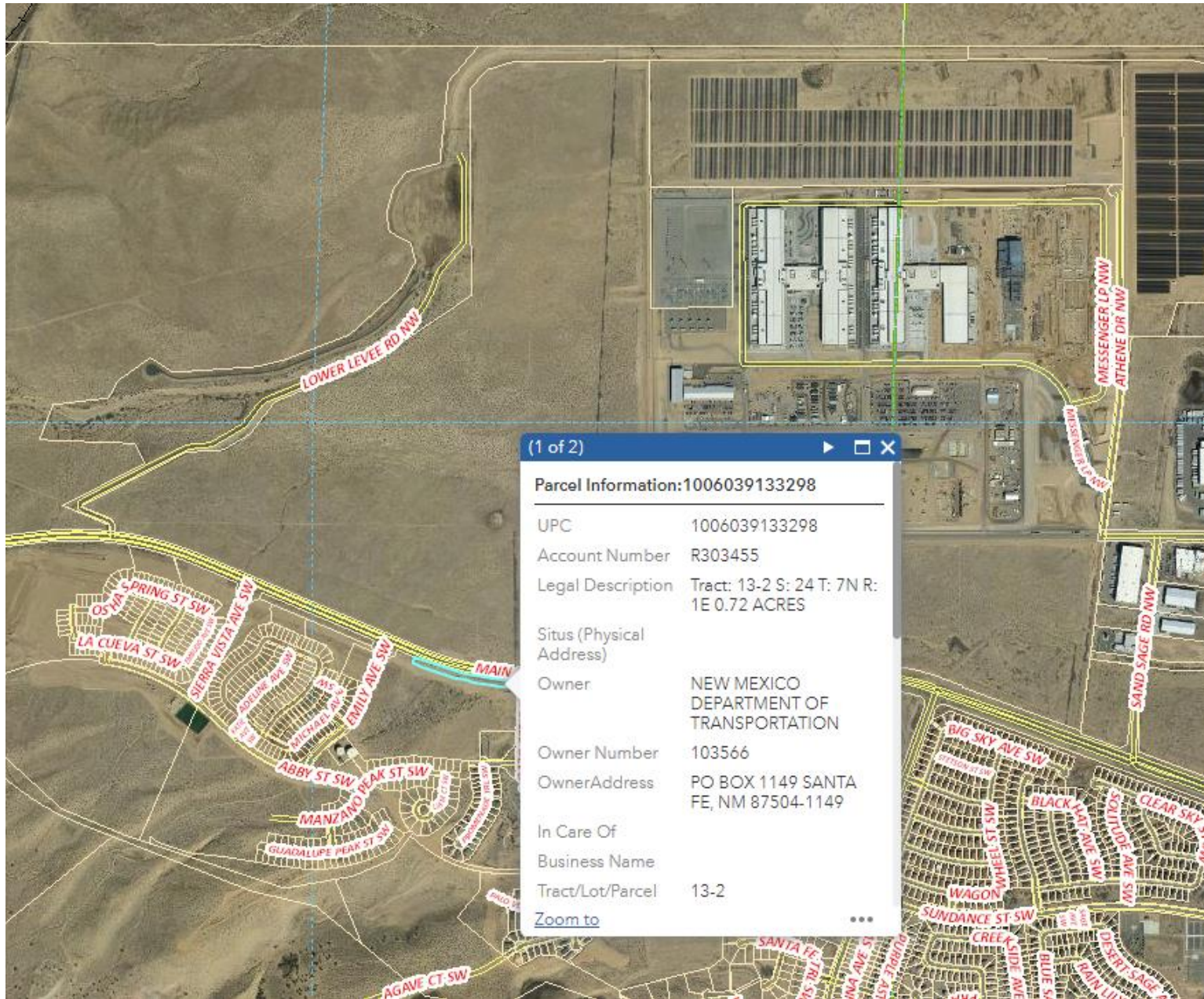
[Zoom to](#) ...



(1 of 2)

Parcel Information:1007039195285000000

UPC	1007039195285000000
Account Number	R182979
Legal Description	Subd: LOS MORROS BUSINESS PARK Tract: E-1 7.28 ACRES 2005 REV (COMMERCIAL)
Situs (Physical Address)	
Owner	LOS MORROS INVESTMENT GROUP LLC
Owner Number	356977
Owner Address	7615 INDIAN SCHOOL RD NE ALBUQUERQUE, NM 87110
In Care Of	
Zoom to	...

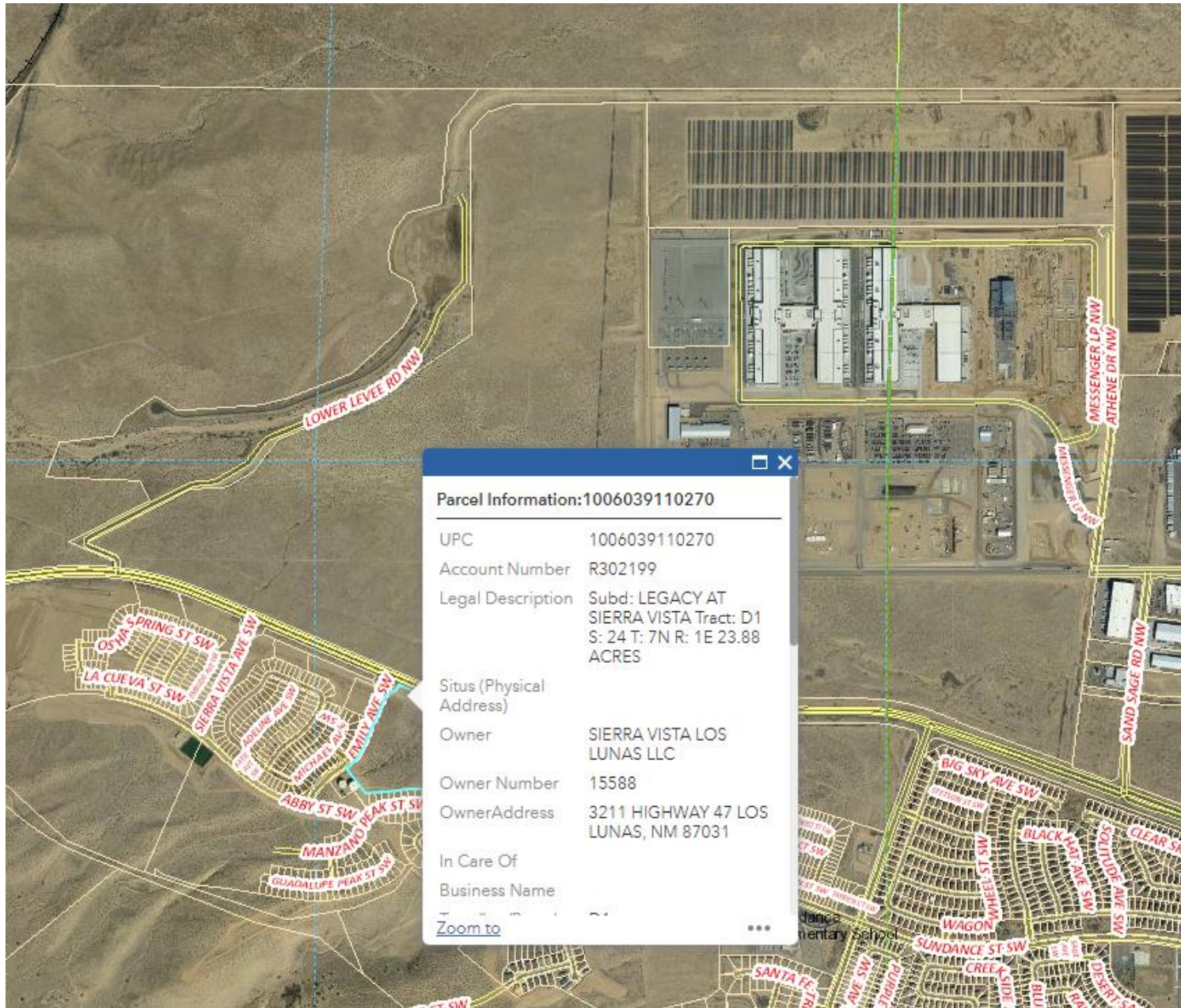


(1 of 2)

Parcel Information: 1006039133298

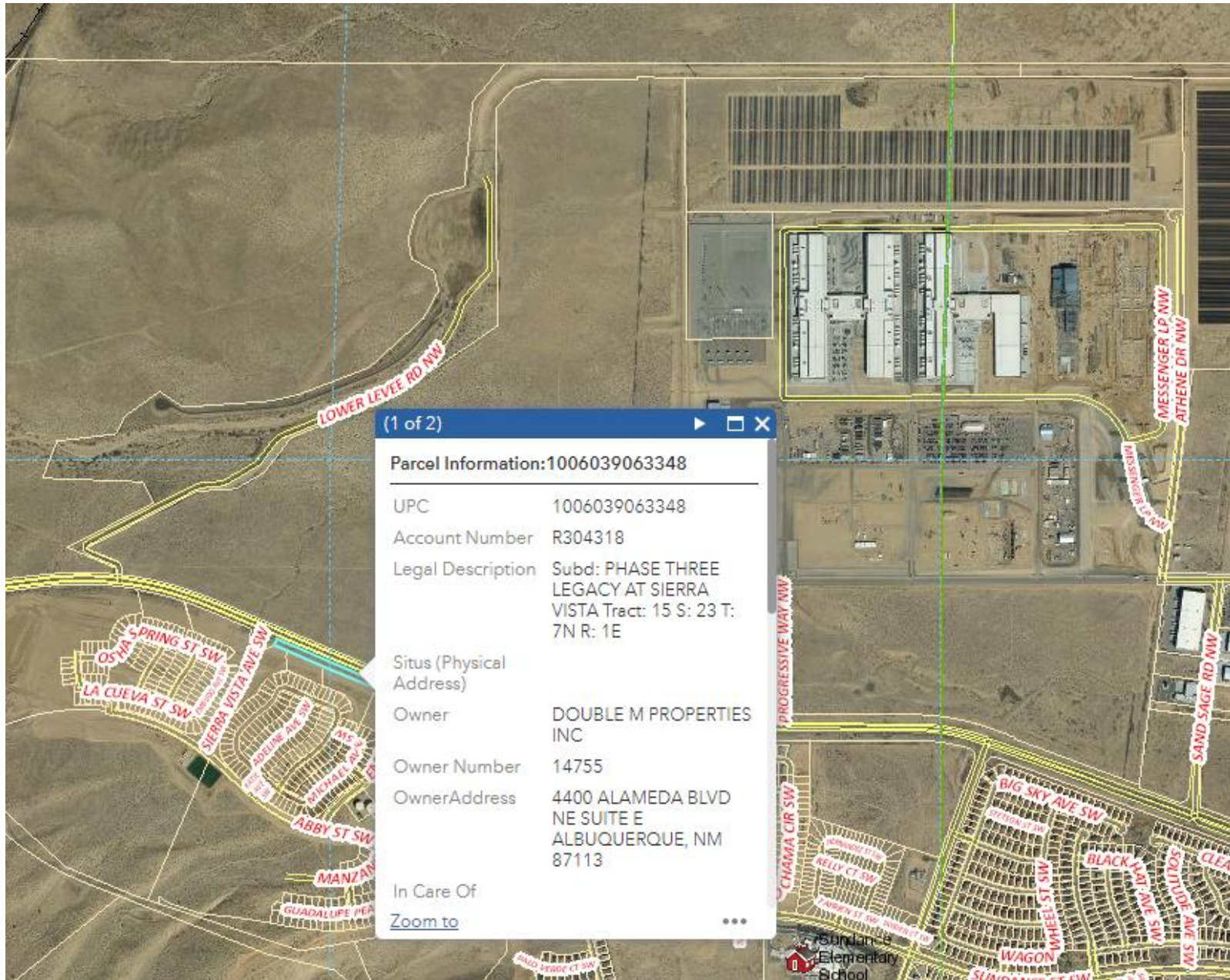
UPC 1006039133298
Account Number R303455
Legal Description Tract: 13-2 S: 24 T: 7N R: 1E 0.72 ACRES
Situs (Physical Address)
Owner NEW MEXICO DEPARTMENT OF TRANSPORTATION
Owner Number 103566
OwnerAddress PO BOX 1149 SANTA FE, NM 87504-1149
In Care Of
Business Name
Tract/Lot/Parcel 13-2

[Zoom to](#) ...



Parcel Information: 1006039110270

UPC 1006039110270
Account Number R302199
Legal Description Subd: LEGACY AT SIERRA VISTA Tract: D1 S: 24 T: 7N R: 1E 23.88 ACRES
Situs (Physical Address)
Owner SIERRA VISTA LOS LUNAS LLC
Owner Number 15588
OwnerAddress 3211 HIGHWAY 47 LOS LUNAS, NM 87031
In Care Of
Business Name
Zoom to



(1 of 2) [Close] [Maximize] [Refresh]

Parcel Information: 1006039063348

UPC 1006039063348
Account Number R304318
Legal Description Subd: PHASE THREE
LEGACY AT SIERRA
VISTA Tract: 15 S: 23 T:
7N R: 1E

Situs (Physical Address)
Owner DOUBLE M PROPERTIES
INC
Owner Number 14755
OwnerAddress 4400 ALAMEDA BLVD
NE SUITE E
ALBUQUERQUE, NM
87113

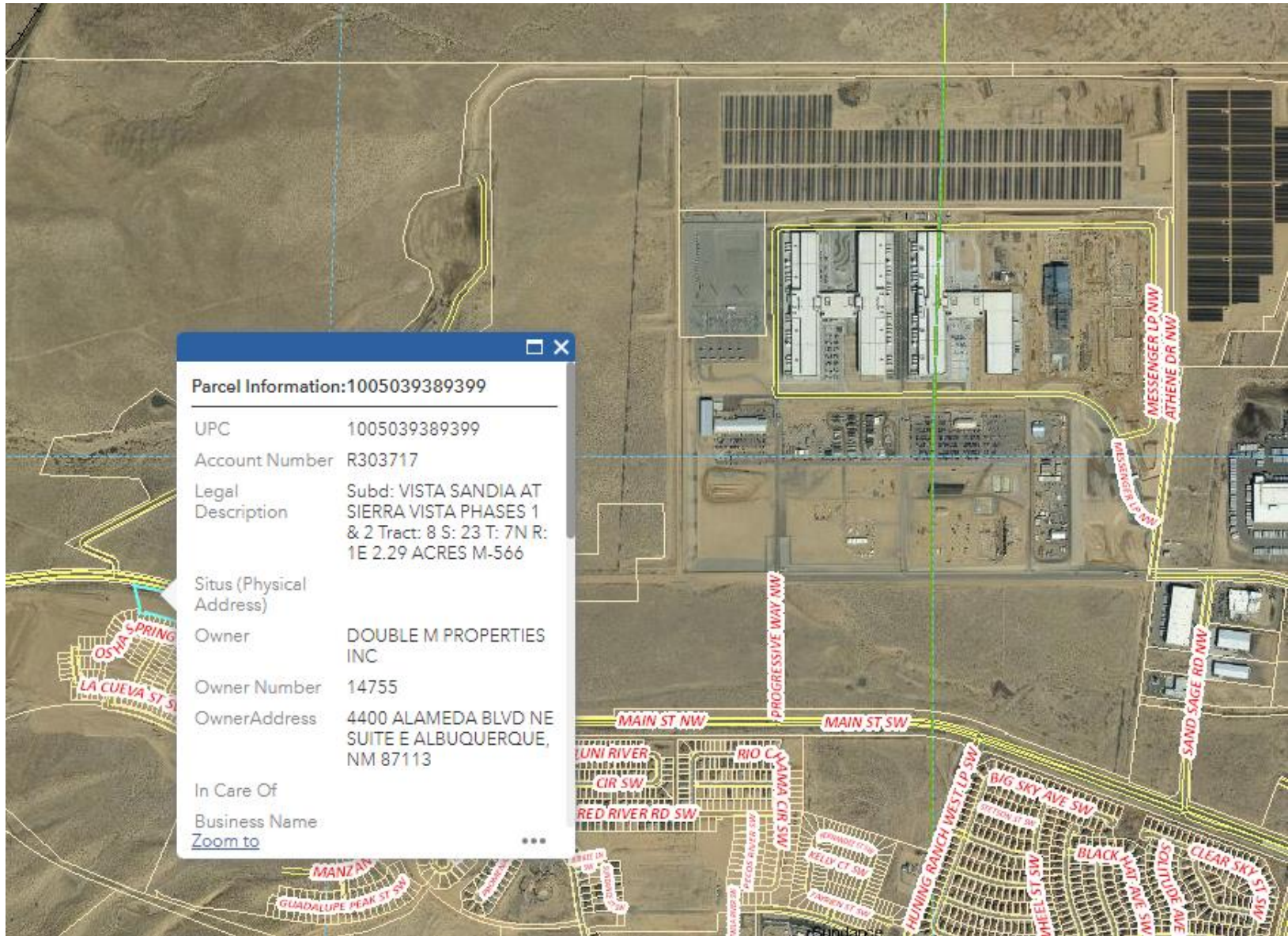
In Care Of
[Zoom to](#) [More]

Burdan
Elementary
School



Parcel Information: 1005039443378

UPC	1005039443378
Account Number	R303710
Legal Description	Subd: VISTA SANDIA AT SIERRA VISTA PHASES 1 & 2 Tract: 1 S: 23 T: 7N R: 1E 4.52 ACRES M-566
Situs (Physical Address)	
Owner	DOUBLE M PROPERTIES INC
Owner Number	14755
OwnerAddress	4400 ALAMEDA BLVD NE SUITE E ALBUQUERQUE, NM 87113
In Care Of	
Business Name	
Zoom to	...



Parcel Information: 1005039389399

UPC 1005039389399

Account Number R303717

Legal Description Subd: VISTA SANDIA AT SIERRA VISTA PHASES 1 & 2 Tract: 8 S: 23 T: 7N R: 1E 2.29 ACRES M-566

Situs (Physical Address)

Owner DOUBLE M PROPERTIES INC

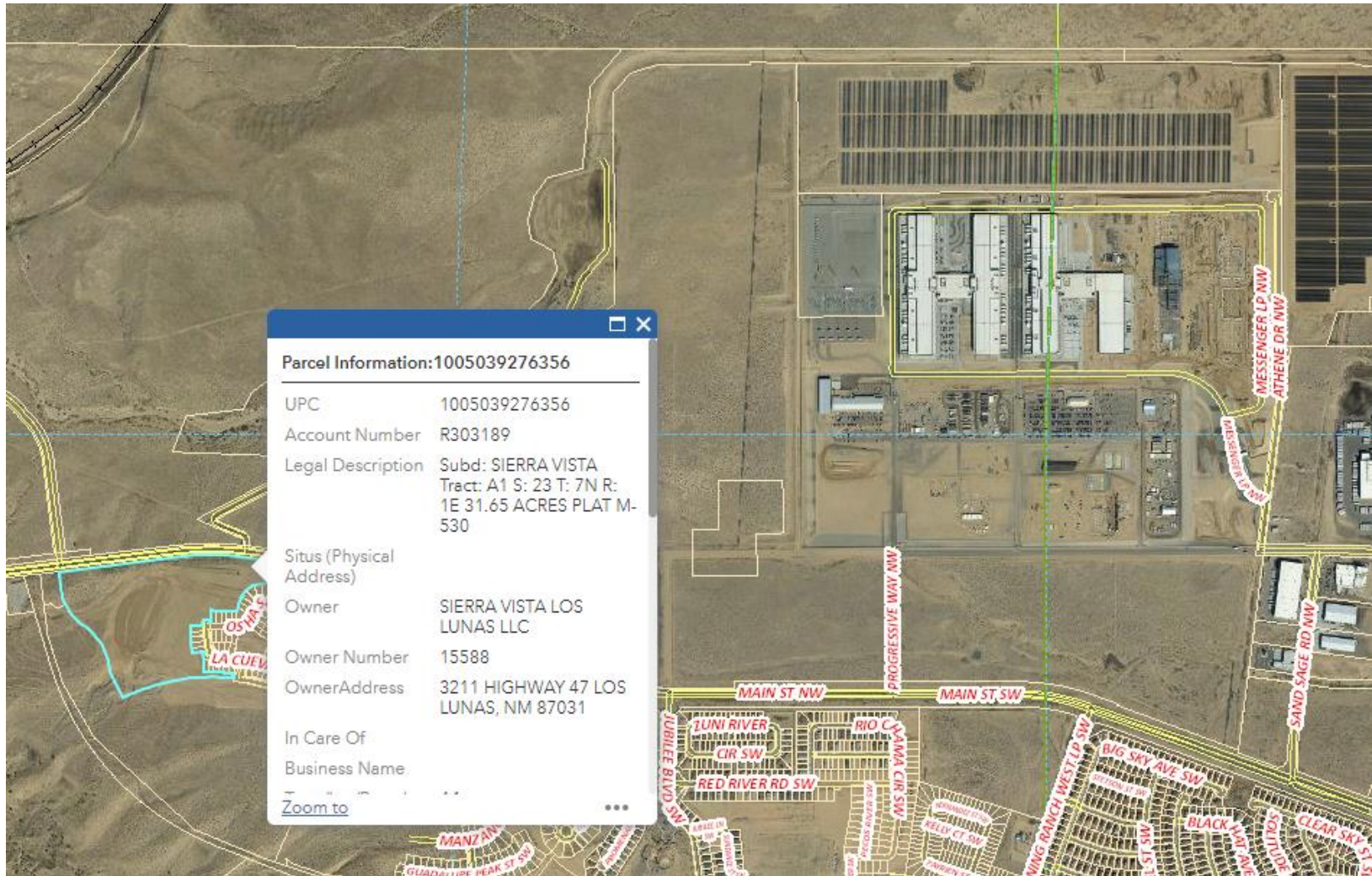
Owner Number 14755

OwnerAddress 4400 ALAMEDA BLVD NE SUITE E ALBUQUERQUE, NM 87113

In Care Of

Business Name

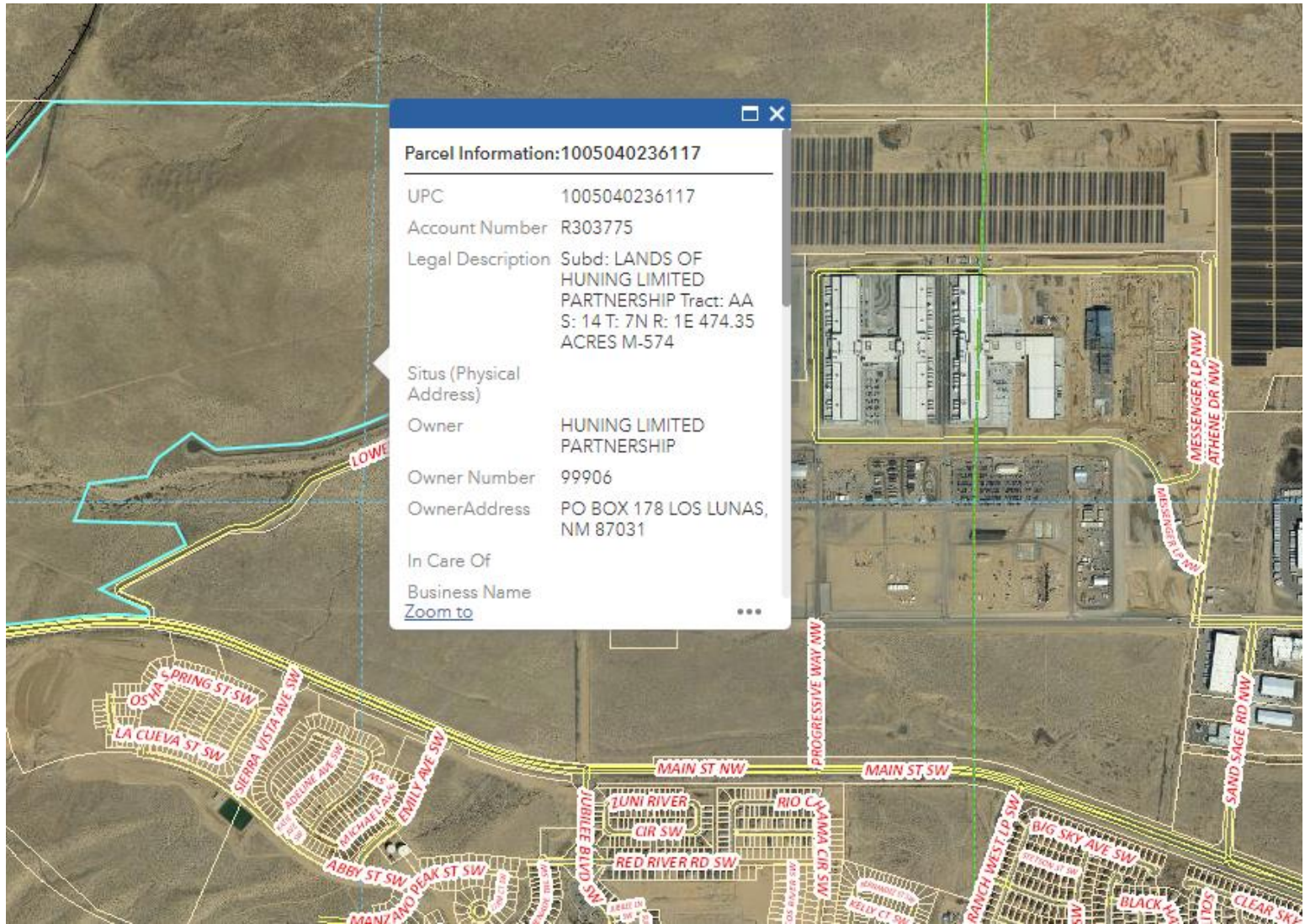
[Zoom to](#) ...



Parcel Information: 1005039276356

UPC	1005039276356
Account Number	R303189
Legal Description	Subd: SIERRA VISTA Tract: A1 S: 23 T: 7N R: 1E 31.65 ACRES PLAT M- 530
Situs (Physical Address)	
Owner	SIERRA VISTA LOS LUNAS LLC
Owner Number	15588
OwnerAddress	3211 HIGHWAY 47 LOS LUNAS, NM 87031
In Care Of	
Business Name	

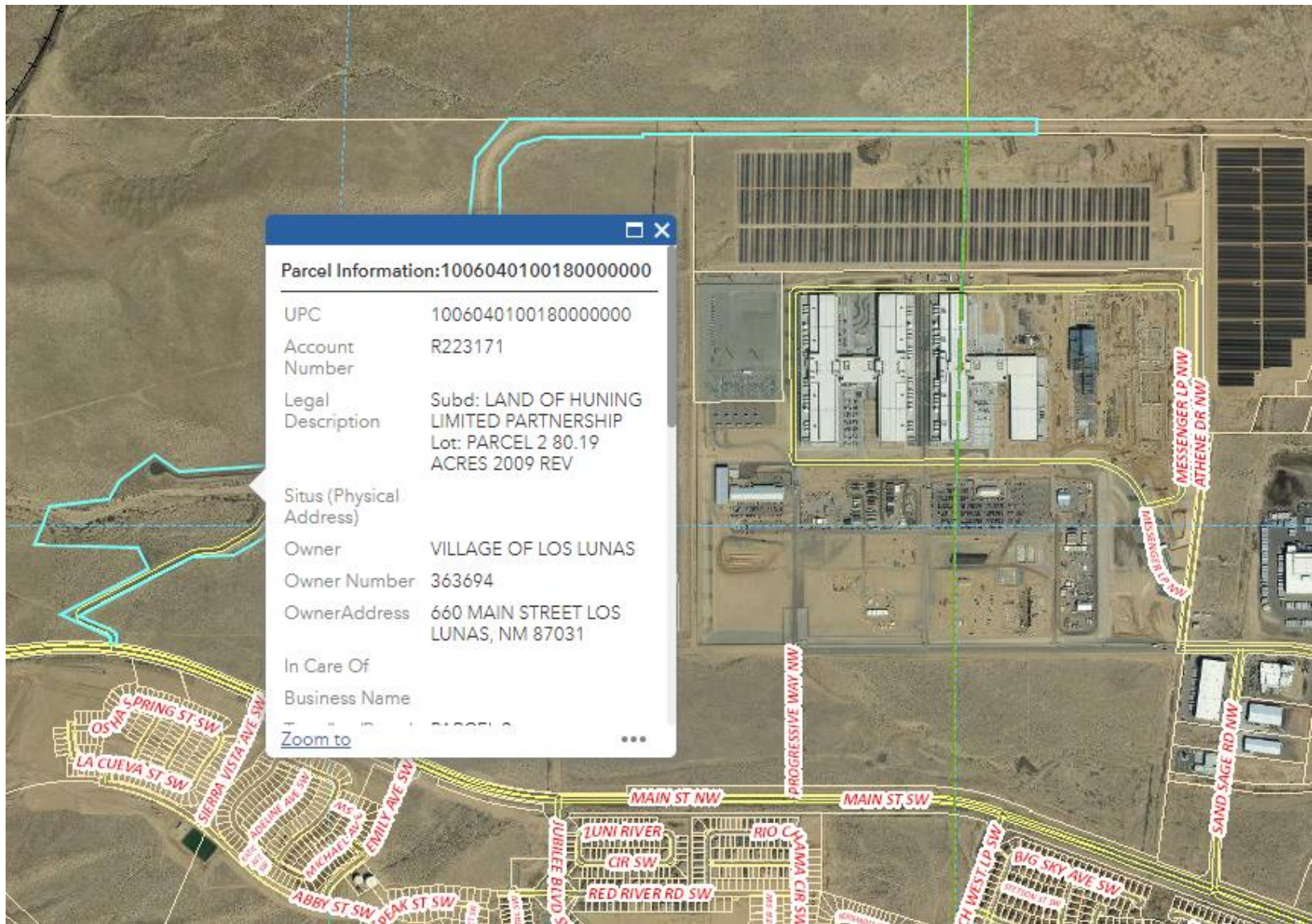
[Zoom to](#)



Parcel Information: 1005040236117

UPC 1005040236117
Account Number R303775
Legal Description Subd: LANDS OF HUNING LIMITED PARTNERSHIP Tract: AA S: 14 T: 7N R: 1E 474.35 ACRES M-574

Situs (Physical Address)
Owner HUNING LIMITED PARTNERSHIP
Owner Number 99906
OwnerAddress PO BOX 178 LOS LUNAS, NM 87031
In Care Of
Business Name
[Zoom to](#)



Parcel Information:100604010018000000

UPC	100604010018000000
Account Number	R223171
Legal Description	Subd: LAND OF HUNING LIMITED PARTNERSHIP Lot: PARCEL 2 80.19 ACRES 2009 REV
Situs (Physical Address)	
Owner	VILLAGE OF LOS LUNAS
Owner Number	363694
OwnerAddress	660 MAIN STREET LOS LUNAS, NM 87031
In Care Of	
Business Name	
Zoom to	...

Sections 9.4 and 9.5

Sample Letter Sent to Owners of Record, Municipalities, Counties, and Tribal Nations

[DATE]

CERTIFIED MAIL XXXX XXXX XXXX XXXX
RETURN RECEIPT REQUESTED

To Whom It May Concern:

Greater Kudu LLC announces its application submittal to the New Mexico Environment Department for an air quality permit for the modification of its data center facility. The expected date of application submittal to the Air Quality Bureau is March 15, 2024.

The exact location for the proposed facility known as, Greater Kudu LLC, is at latitude 34.82854 dec deg North and longitude -106.78151 dec deg West. The approximate location of this facility is 0.30 miles northwest of the intersection of Los Morros Road and Sandsage Court in Valencia County.

The proposed modification consists of the removal of two (2) permitted diesel-fired emergency generators, addition of two (2) new diesel-fired emergency generators with selective catalytic reduction (SCR) controls, adding capability to combust renewable diesel fuels, and other typographical updates.

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

The below-listed pound per hour emission rates would only occur during an emergency power loss to the facility, which are anticipated to be rare occurrences and short in duration. These values are not indicative of normal facility operations.

<u>Pollutant:</u>	<u>Pounds per hour</u>	<u>Tons per year</u>
Particulate Matter (PM) ₁₀	207 pph	22.4 tpy
PM _{2.5}	207 pph	22.4 tpy
Sulfur Dioxide (SO ₂)	5.0 pph	0.12 tpy
Nitrogen Oxides (NO _x)	4,635 pph	99.9 tpy
Carbon Monoxide (CO)	779 pph	99.9 tpy
Volatile Organic Compounds (VOC)	255 pph	22.3 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	5.2 pph	0.13 tpy
Toxic Air Pollutants (TAPs)	0 pph	0 tpy
Green House Gas Emissions as Total CO _{2e}	N/A	< 75,000 tpy

The standard operating schedule of the facility will be from 7:00 a.m. to 5:00 p.m. 5 days a week and a maximum of 52 weeks per year. The maximum operating schedule will be from 12:00 a.m. to 11:59 p.m. 7 days a week and a maximum of 52 weeks per year.

The owner and operator of the facility will be Greater Kudu LLC, the address for which is 4250 Messenger Loop NW, Los Lunas, New Mexico 87031.

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

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

Atención

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

Sincerely,

Greater Kudu LLC

4250 Messenger Loop NW, Los Lunas, New Mexico 87031

Notice of Non-Discrimination

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

Section 9.6

Sample of Posted Public Notice and Verification of Postings

NOTICE

Greater Kudu LLC announces its application to the New Mexico Environment Department for an air quality permit for the modification of its data center facility. The expected date of application submittal to the Air Quality Bureau is March 15, 2024.

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The proposed modification consists of the removal of two (2) permitted diesel-fired emergency generators, addition of two (2) new diesel-fired emergency generators with selective catalytic reduction (SCR) controls, adding capability to combust renewable diesel fuels, and other typographical updates.

The estimated maximum quantities of any regulated air contaminants will be as follows in pound per hour (pph) and tons per year (tpy). These reported emissions could change slightly during the course of the Department's review.

The below-listed pound per hour emission rates would only occur during an emergency power loss to the facility, which are anticipated to be rare occurrences and short in duration. These values are not indicative of normal facility operations.

<u>Pollutant:</u>	<u>Pounds per hour</u>	<u>Tons per year</u>
Particulate Matter (PM) ₁₀	207 pph	22.4 tpy
PM _{2.5}	207 pph	22.4 tpy
Sulfur Dioxide (SO ₂)	5.0 pph	0.12 tpy
Nitrogen Oxides (NO _x)	4,635 pph	99.9 tpy
Carbon Monoxide (CO)	779 pph	99.9 tpy
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Green House Gas Emissions as Total CO _{2e}	N/A	< 75,000 tpy

The standard operating schedule of the facility will be from 7:00 a.m. to 5:00 p.m. 5 days a week and a maximum of 52 weeks per year. The maximum operating schedule will be from 12:00 a.m. to 11:59 p.m. 7 days a week and a maximum of 52 weeks per year.

The owner and/or operator of the Facility is: Greater Kudu LLC, the address for which is 4250 Messenger Loop NW, Los Lunas, New Mexico 87031.

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

With your comments, please refer to the company name and facility name, or send a copy of this notice along with your comments. This information is necessary since the Department may have not yet received the permit

application. Please include a legible return mailing address. Once the Department has completed its preliminary review of the application and its air quality impacts, the Department's notice will be published in the legal section of a newspaper circulated near the facility location.

Atención

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

Notice of Non-Discrimination

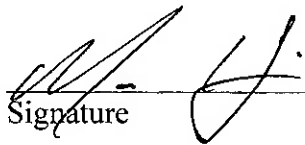
NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination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

General Posting of Notices – Certification

I, Mario Hidalgo, the undersigned, certify that on **March 14, 2024**, posted a true and correct copy of the attached Public Notice in the following publicly accessible and conspicuous places in the **Village of Los Lunas** of **Valencia** County, State of New Mexico on the following dates:

1. Facility entrance: March 14, 2024.
2. The Daniel Fernandez Recreation Center at 1103 Highway 314 NW, Los Lunas, New Mexico: March 14, 2024.
3. The Los Lunas Public Library at 460 Main St NE, Los Lunas, New Mexico: March 14, 2024.
4. The Valencia County Services Building at 444 Luna Ave SE, Los Lunas, New Mexico: March 14, 2024.

Signed this 13 day of March, 2024.


Signature

3/13/24
Date

Mario Hidalgo
Printed Name

Environmental, Health & Safety Campus Lead
Title



Photo 1: Facility Entrance



Photo 2: Facility Sign Zoom



Public Notice Postings – Photographs
Greater Kudu LLC
 Los Lunas, Valencia County, New Mexico
 March 2024



Photo 3: Daniel Fernandez Recreation Center

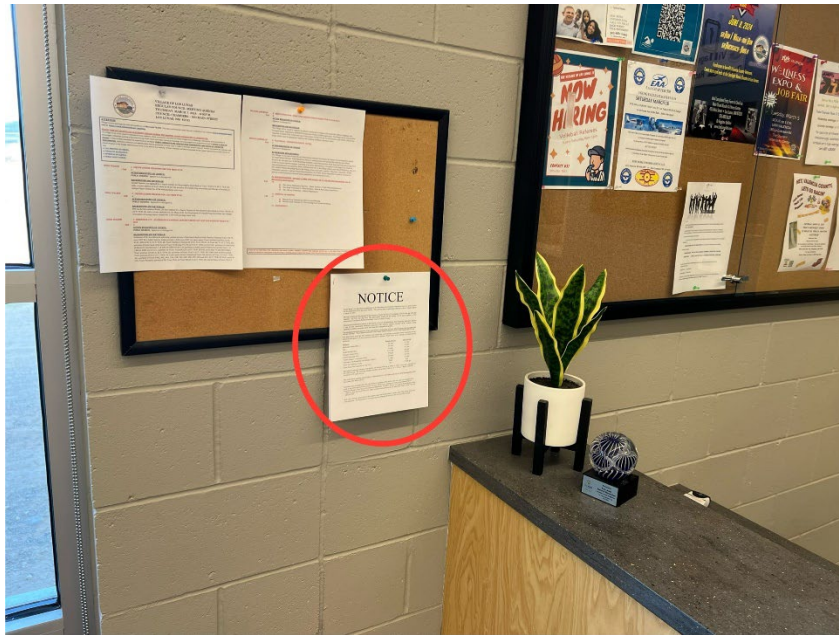


Photo 4: Daniel Fernandez Recreation Center Posted Notice



**Public Notice Postings – Photographs
Greater Kudu LLC**

Los Lunas, Valencia County, New Mexico
March 2024

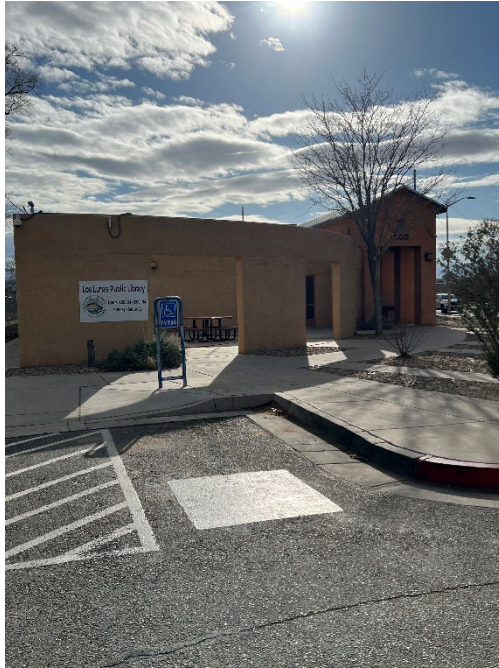


Photo 5: Los Lunas Public Library

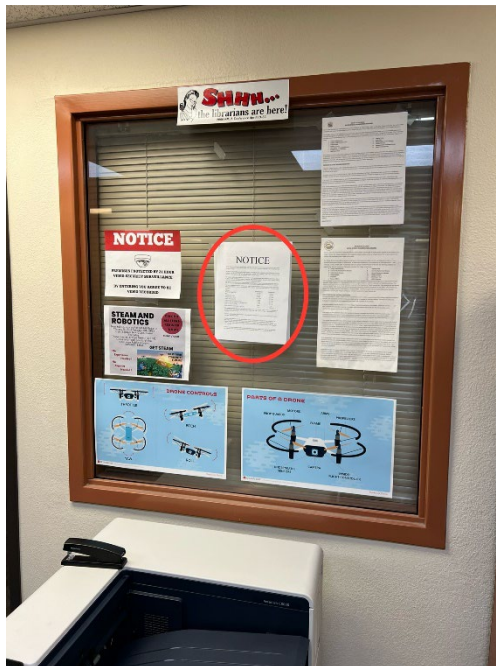


Photo 6: Los Lunas Public Library Posted Notice



**Public Notice Postings – Photographs
Greater Kudu LLC**

Los Lunas, Valencia County, New Mexico
March 2024



Photo 7: Valencia County Services Building



Photo 8: Valencia County Services Building Posted Notice



**Public Notice Postings – Photographs
Greater Kudu LLC**

Los Lunas, Valencia County, New Mexico
March 2024

Section 9.7

Tables of Owners of Record, Municipalities, Counties, and Tribal Nations Notified

Table 9.7.1 - Notified Municipalities, Counties, and Indian Tribes

Entity	Type	Mailing Address
Bernalillo	County	JULIE MORGAS BACA COUNTY MANAGER 415 SILVER SW 8TH FLOOR ALBUQUERQUE, NM 87102
Valencia	County	DANNY MONETTE COUNTY MANAGER P.O. BOX 1119 LOS LUNAS, NEW MEXICO 87031
Albuquerque	Municipality	ETHAN WATSON CITY CLERK P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103
Belen	Municipality	ROSEANN PERALTA CITY MANAGER CITY OF BELEN 100 S. MAIN ST. BELEN, NM 87002
Bosque Farms	Municipality	VERNON ABEITA VILLAGE CLERK/ADMINISTRATOR 1455 WEST BOSQUE LOOP BOSQUE FARMS, NM 87068
Los Lunas	Municipality	GREGORY D. MARTIN VILLAGE ADMINISTRATOR 660 MAIN ST. NW LOS LUNAS, NM 87031
Peralta	Municipality	KORI TAYLOR TOWN CLERK/ADMINISTRATOR P.O. BOX 1830 PERALTA, NEW MEXICO 87042
Pueblo of Isleta	Tribal Nation	GOVERNOR MAX ZUNI PUEBLO OF ISLETA P.O. BOX 1290 ISLETA, NM 87022

Table 9.7.2 - Notified Property Owners (within 100 feet of property boundary)

Site	Site Address	Owner	Mailing Address	UPC #
PNM SOLAR FARM	1501 ATHENE DRIVE NW HUNING RANCH BUSINESS PARK Tract: A3B	NMRD DATA CENTER LLC (PNM)	NMRD DATA CENTER LLC 414 SILVER SW ALBUQUERQUE, NM 87102	1006040506270000000
FRESENIUS MEDICAL CARE	549 SAND SAGE RD NW LOS MORROS BUSINESS PARK Tract: C1A	SOUTHWEST HARMON PROPERTIES LLC	SOUTHWEST HARMON PROPERTIES LLC 4140 LOCKBOURNE ROAD COLUMBUS, OH 43207	1007039210401000000
VACANT LAND TO THE NORTHWEST	4410 MESSENGER LOOP NW HUNING RANCH BUSINESS PARK Lot: 3	FEE OWNER: VILLAGE OF LOS LUNAS	VILLAGE OF LOS LUNAS 660 MAIN STREET LOS LUNAS, NM 87031	1006040347159
WAL-MART DISTRIBUTION CENTER	670 LOS MORROS RD NW LOS MORROS BUSINESS PARK Tract: A	FEE OWNER: VILLAGE OF LOS LUNAS	WAL-MART DISTRIBUTION CENTER PO BOX 1209 LOS LUNAS, NM 87031	1007039330520000000
VACANT LAND TO THE WEST	LANDS OF HUNING LIMITED PARTNERSHIP Tract: AA	HUNING LIMITED PARTNERSHIP	HUNING LIMITED PARTNERSHIP PO BOX 178 LOS LUNAS, NM 87031	1005040236117
VACANT LAND TO THE WEST	LAND OF HUNING LIMITED PARTNERSHIP Lot: PARCEL 2	FEE OWNER: VILLAGE OF LOS LUNAS	VILLAGE OF LOS LUNAS 660 MAIN STREET LOS LUNAS, NM 87031	1006040100180000000
VACANT LAND TO EAST	LOS MORROS BUSINESS PARK Tracts: C2A1, L-1, E-1	LOS MORROS INVESTMENT GROUP LLC	LOS MORROS INVESTMENT GROUP LLC 7615 INDIAN SCHOOL RD NE ALBUQUERQUE, NM 87110	1007039204362000000; 1007039200325000000; 1007039195285000000
VILLAGE OF LOS LUNAS FIRE STATION NO 2	465 SAND SAGE RD NW LOS MORROS BUSINESS PARK Tract: C2A2	FEE OWNER: VILLAGE OF LOS LUNAS	VILLAGE OF LOS LUNAS 660 MAIN STREET LOS LUNAS, NM 87031	1007039201340000000
VACANT LAND TO SOUTHWEST	Tract: 13-2	NEW MEXICO DEPARTMENT OF TRANSPORTATION	NEW MEXICO DEPARTMENT OF TRANSPORTATION PO BOX 1149 SANTA FE, NM 87504-1149	1006039133298
VACANT LAND TO SOUTHWEST	LEGACY AT SIERRA VISTA Tract: D1	SIERRA VISTA LOS LUNAS LLC	SIERRA VISTA LOS LUNAS LLC 3211 HIGHWAY 47 LOS LUNAS, NM 87031	1006039110270
VACANT LAND TO SOUTHWEST	PHASE THREE LEGACY AT SIERRA VISTA Tract: 15	DOUBLE M PROPERTIES INC	DOUBLE M PROPERTIES INC 4400 ALAMEDA BLVD NE SUITE E ALBUQUERQUE, NM 87113	1006039063348
VACANT LAND TO SOUTHWEST	VISTA SANDIA AT SIERRA VISTA PHASES 1 & 2 Tracts: 1, 8	DOUBLE M PROPERTIES INC	DOUBLE M PROPERTIES INC 4400 ALAMEDA BLVD NE SUITE E ALBUQUERQUE, NM 87113	1005039443378; 1005039389399
VACANT LAND TO SOUTHWEST	SIERRA VISTA Tract: A1	SIERRA VISTA LOS LUNAS LLC	SIERRA VISTA LOS LUNAS LLC 3211 HIGHWAY 47 LOS LUNAS, NM 87031	1005039276356
VACANT LAND TO EAST	HUNING RANCH BUSINESS PARK Lot: 4	FEE OWNER: VILLAGE OF LOS LUNAS	VILLAGE OF LOS LUNAS 660 MAIN STREET LOS LUNAS, NM 87031	1007039193424
VACANT LAND TO EAST	HUNING RANCH BUSINESS PARK Tract: A5	FEE OWNER: VILLAGE OF LOS LUNAS	VILLAGE OF LOS LUNAS 660 MAIN STREET LOS LUNAS, NM 87031	1007040209067000000

Section 9.8

Copy of Public Service Announcement Sent to Local Radio Station and Proof of Submittal

Public Service Announcement for NMED Air Permit

As required by the New Mexico Administrative Code, Greater Kudu LLC, owner/operator of the Greater Kudu LLC data center announces it has applied to the New Mexico Environment Department for a proposed modification to the facility's air quality permit, including the removal of two (2) permitted diesel-fired emergency generators, addition of two (2) new diesel-fired emergency generators with selective catalytic reduction (SCR) controls, adding capability to combust renewable diesel fuels, and other typographical updates.

The location of the facility is approximately 0.30 (point 30 miles) miles northwest of the intersection of Los Morros Road and Sandsage Court in Los Lunas, Valencia County, New Mexico.

Notices regarding the proposed air quality permit required under New Mexico Administrative Code 20.2.72.203.B.4 have been posted at the following locations:

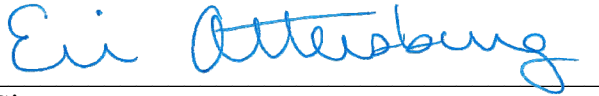
- The Facility entrance
- The Daniel Fernandez Recreation Center at 1103 Highway 314 NW, Los Lunas, New Mexico
- The Los Lunas Public Library at 460 Main St NE, Los Lunas, New Mexico and
- The Valencia County Services Building at 444 Luna Ave SE, Los Lunas, New Mexico

Comments or inquiries about the facility may be directed to: Permit Programs Manager; New Mexico Environment Department, Air Quality Bureau, at 525 Camino de los Marquez, Suite 1; Santa Fe, New Mexico 87505-1816.

Submittal of Public Service Announcement – Certification

I, **Eri Ottersburg**, the undersigned, certify that on **March 8, 2024**, submitted a public service announcement to **KABG 98.5 FM** that serves the **Village of Los Lunas, Valencia County, New Mexico**, in which the source is or is proposed to be located and that **KABG 98.5 FM responded that it would air the announcement.**

Signed this 15 day of March, **2024**,



Signature

3/15/2024

Date

Eri Ottersburg

Printed Name

Managing Consultant, Ramboll (Preparer)

Title

Section 9.9

Copy of Legal Ad Sent to Local Newspaper

NOTICE OF AIR QUALITY PERMIT APPLICATION

Greater Kudu LLC announces its application submittal to the New Mexico Environment Department for an air quality permit for the modification of its data center facility. The expected date of application submittal to the Air Quality Bureau is March 15, 2024.

The exact location for the proposed facility known as, Greater Kudu LLC, is at latitude 34.82854 dec deg North and longitude -106.78151 dec deg West. The approximate location of this facility is 0.30 miles northwest of the intersection of Los Morros Road and Sandsage Court in Valencia County.

The proposed modification consists of the removal of two (2) permitted diesel-fired emergency generators, addition of two (2) new diesel-fired emergency generators with selective catalytic reduction (SCR) controls, adding capability to combust renewable diesel fuels, and other typographical updates.

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

The below-listed pound per hour emission rates would only occur during an emergency power loss to the facility, which are anticipated to be rare occurrences and short in duration. These values are not indicative of normal facility operations.

<u>Pollutant:</u>	<u>Pounds per hour</u>	<u>Tons per year</u>
Particulate Matter (PM) ₁₀	207 pph	22.4 tpy
PM _{2.5}	207 pph	22.4 tpy
Sulfur Dioxide (SO ₂)	5.0 pph	0.12 tpy
Nitrogen Oxides (NO _x)	4,635 pph	99.9 tpy
Carbon Monoxide (CO)	779 pph	99.9 tpy
Volatile Organic Compounds (VOC)	255 pph	22.3 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	5.2 pph	0.13 tpy
Toxic Air Pollutants (TAPs)	0 pph	0 tpy
Green House Gas Emissions as Total CO _{2e}	N/A	< 75,000 tpy

The standard operating schedule of the facility will be from 7:00 a.m. to 5:00 p.m. 5 days a week and a maximum of 52 weeks per year. The maximum operating schedule will be from 12:00 a.m. to 11:59 p.m. 7 days a week and a maximum of 52 weeks per year.

The owner and operator of the facility is Greater Kudu LLC, the address for which is 4250 Messenger Loop NW, Los Lunas, New Mexico 87031.

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

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

General information about air quality and the permitting process can be found at the Air Quality Bureau's web site: www.env.nm.gov/air-quality/permitting-section-home-page/. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC.

Atención

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

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Section 9.10

Copy of Display Ad Sent to Local Newspaper

Store: Valencia County commissioners will now consider the zone change

from PAGE 1

voted 5-0 to recommend denial of the zone change request brought by Overland Engineering.

The planning and zoning commission is only a recommending board in regards to zone changes, and the application will go forward to the Valencia County Commission for a second public hearing and vote on the request. A date for that meeting has not been set.

The zone change request application was filed in September 2023, but Overland requested it be tabled in order to be better prepared for the hearing. At the February meeting, the only representative for the development company was the surveyor, Jayson Natera, who said he had been provided virtually no information about the project.

When asked for details about who would foot the bill for needed infrastructure at the site and why that specific location had been chosen, Natera told the commissioners he had no information other than a zone change was being requested.

The nearly two acre lot is located at the intersection of N.M. 116 and E. Baca Lane in Pueblitos, south of the city of Belen. Overland has requested a zone change from rural residential 2 to commercial 2.

Manuel Romero, who lives with his mother on Pueblitos Road and is adjacent to the property, told the planning and zoning commissioners while he was pro growth, his community was not a priority growth area as per the county's 2022 comprehensive plan.

"I know you can change zoning for development but we don't have the density. I am vehemently against this," Romero said. "I don't think it brings in any value for the community."

Romero, as well as other residents, pointed out there was already a Dollar General three miles to the north in Belen. In addition, there is a Family Dollar two blocks to the south and a Dollar Tree a couple blocks to the north of the existing Dollar General.

A special education teacher who takes care of his widowed mother, Romero said he fully understands the temptation of selling property to a developer like Overland.

"A few years ago, we were approached and offered hundreds

of thousands of dollars for two acres. Just under a million dollars," he said. "We thought it through and in good conscious couldn't do that to the people who lived there. That money would have helped make life a lot easier."

"We will fight this every step of the way, if need be. It just doesn't make sense for this community."

Other residents expressed concerns about increased traffic on N.M. 116 — both customers and large delivery trucks — which could lead to more crashes and pose a danger to the school buses that pick up and drop off students in the area.

Alex Taylor lives about a mile south of the property, which sits on the southern end of the stretch of highway between Castillo and

Mill roads. Taylor said there have been numerous accidents and several fatalities on that section of highway, pointing out there's been an increase to traffic on N.M. 116 in the last several months due to Jarales Road to the east being closed for construction of a bridge at the railroad crossing on that highway.

"We are a very rural area and this is not needed. If I wanted the convenience of a Dollar General, I would have moved to town," Taylor said. "It is imperative those of us who live in this community be listened to ... We are farmers. We don't need this to be commercial."

Elementary: Current art pieces in school will be implemented into new structure

from PAGE 1

the campus be taken down.

"Despite the fact this building has a great deal of cachet in the community, the recommendation was to build a new facility because this building is going to be very expensive and difficult to retrofit and meet current codes for accessibility, HVAC, IT ...," said Lacy.

However, there will be plenty of photo documentation of old structures and unique art on the campus that holds significance to the school community, Lacy said, and some of these can be adopted into the new building.

"It's not uncommon for us to go in and document murals, artwork and other features of the building and then replicate them in the new building with a vinyl wallpaper or window transparency to give honor to the people who provided

art on the facility before," said Lacy.

Some physical art pieces, such as the two large mobiles in the current building, will also be re-implemented into the new space.

The interior look of the new building will be getting a revamp that Lacy said is inspired by the Southwest geography of the area and rich history of Peralta that "embraces a warm and welcoming interior that incorporates color and texture to foster a deep connection to nature."

According to a press release, "(the new building) will build on the rich traditions of the community and provide a state-of-the-art facility for future generations of students."

"The new Peralta Elementary School aims to revolutionize education by incorporating technology,

flexible learning spaces and sustainable design principles," the press release stated. "Its design has been carefully crafted to promote collaboration, critical thinking and creativity, catering to the diverse needs and interests of our students."

The new campus will feature the latest in cutting-edge technology acquired by LLS, including interactive flat panels, multimedia learning tools and high-speed internet connectivity.

McMinn said it will also contain a STEM innovation lab and sensory room that, instead of being retrofitted into an existing space on campus, are thoughtfully designed into the new building to further accommodate those spaces.

The new building will also emphasize environmental sustainability. The press release noted "the

building design achieves a 58 percent energy reduction when compared to the AIA 2030 Commitment climate goals strategy."

Plumbing fixtures and equipment will also be water conserving, low-water use landscaping will be utilized and a synthetic turf play field will be implemented, which requires no water to maintain.

McMinn said in addition to all features of current district standards for safety and security, select windows on the new building will also receive bullet resistant laminate glazing within the glass as an added layer of security.

Construction on the new building itself is scheduled for completion during the summer of 2025. The second phase dedicated to completing the remaining site work, such as the parking lot and playground is anticipated to be completed by 2026.

McMinn said students will remain on campus during construction in temporary classrooms as, "there's multiple buildings on that site, so we're able to adjust the way we utilize space to accommodate for every classroom."

The school and contractors will work together to coordinate when heavier construction will take place

and where depending on what is going on in school that day to reduce distraction to students and staff.

"The construction of the new Peralta Elementary School demonstrates our commitment to providing a nurturing environment where students can thrive academically, socially and emotionally," said LLS Superintendent Ryan Kettler. "This school building is not just a structure, but a foundation for the dreams, aspirations and future of our community's youth."

NOTICE OF AIR QUALITY PERMIT APPLICATION

Greater Kudu LLC announces its application submittal to the New Mexico Environment Department for an air quality permit for the modification of its data center facility. The expected date of application submittal to the Air Quality Bureau is March 15, 2024.

The exact location for the proposed facility known as, Greater Kudu LLC, is at latitude 34.82854 dec deg North and longitude -106.78151 dec deg West. The approximate location of this facility is 0.30 miles northwest of the intersection of Los Morros Road and Sandsage Court in Valencia County.

The proposed modification consists of the removal of two (2) permitted diesel-fired emergency generators, addition of two (2) new diesel-fired emergency generators with selective catalytic reduction (SCR) controls, adding capability to combust renewable diesel fuels, and other typographical updates.

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

The below-listed pound per hour emission rates would only occur during an emergency power loss to the facility, which are anticipated to be rare occurrences and short in duration. These values are not indicative of normal facility operations.

Pollutant:	Pounds per hour	Tons per year
Particulate Matter (PM) ₁₀	207 pph	22.4 tpy
PM _{2.5}	207 pph	22.4 tpy
Sulfur Dioxide (SO ₂)	5.0 pph	0.12 tpy
Nitrogen Oxides (NO _x)	4,635 pph	99.9 tpy
Carbon Monoxide (CO)	779 pph	99.9 tpy
Volatile Organic Compounds (VOC)	255 pph	22.3 tpy
Total sum of all Hazardous Air Pollutants (HAPs)	5.2 pph	0.13 tpy
Toxic Air Pollutants (TAPs)	0 pph	0 tpy
Green House Gas Emissions as Total CO _{2e}	N/A	< 75,000 tpy

The standard operating schedule of the facility will be from 7:00 a.m. to 5:00 p.m. 5 days a week and a maximum of 52 weeks per year. The maximum operating schedule will be from 12:00 a.m. to 11:59 p.m. 7 days a week and a maximum of 52 weeks per year.

The owner and operator of the facility is Greater Kudu LLC, the address for which is 4250 Messenger Loop NW, Los Lunas, New Mexico 87031.

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

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

General information about air quality and the permitting process can be found at the Air Quality Bureau's web site: www.env.nm.gov/air-quality/permitting-section-home-page/. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC.

Atención

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

Notice of Non-Discrimination

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

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NOTICE OF AIR QUALITY PERMIT APPLICATION

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Atención

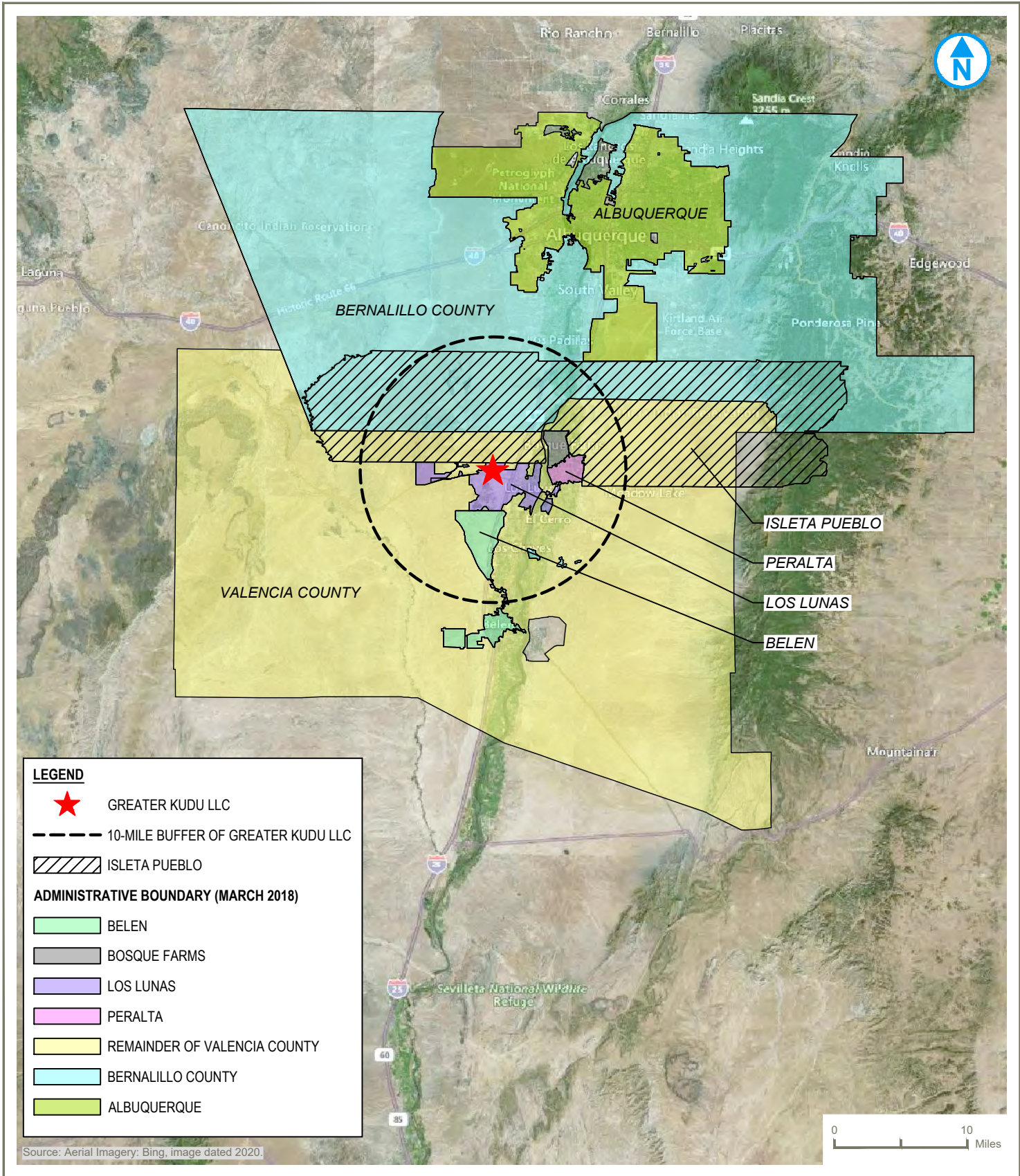
Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-629-3395.

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Section 9.11

Map of 100 Feet and 10 Mile Radii



PROJECT: 1690018985 DATED: 1/8/2021 DESIGNER: CKL

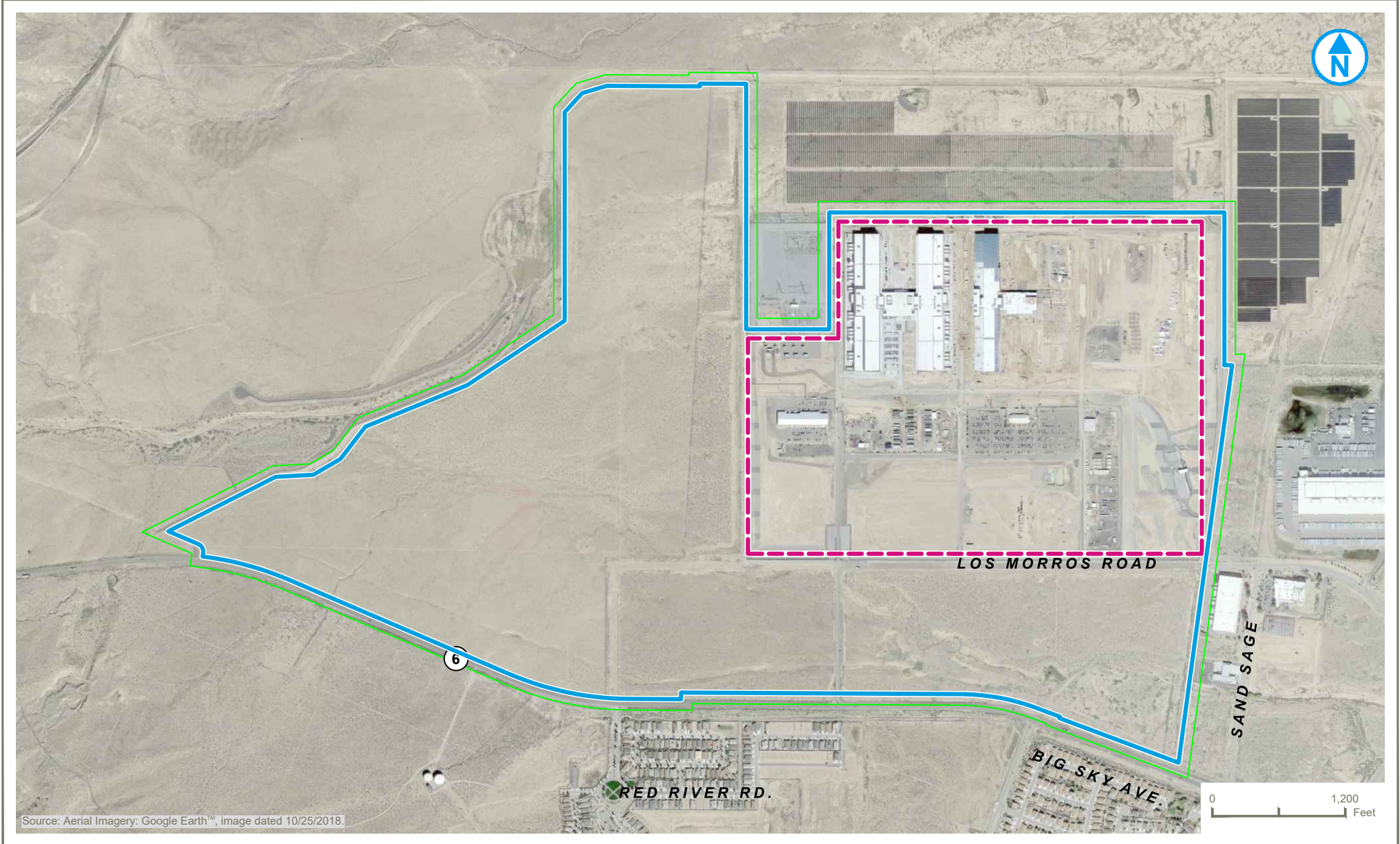
NOTIFIED MUNICIPALITIES, COUNTIES, AND INDIAN TRIBES

FIGURE 03

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

GREATER KUDU LLC
4250 MESSENGER LOOP NW
LOS LUNAS, NEW MEXICO





- PROPERTY BOUNDARY (APPROXIMATE)
- - - BOUNDARY OF THE RESTRICTED AREA AROUND SITE OPERATIONS
- 100 FT SURROUNDING PROPERTY BOUNDARY

100 FT BOUNDARY OF PROPERTIES NOTIFIED

FIGURE 04

GREATER KUDU LLC
LOS LUNAS, NEW MEXICO

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



Section 10

Written Description of the Routine Operations of the Facility

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

[See Sections 1 and 2 of the application report.](#)

Section 11

Source Determination

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

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

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

A. Identify the emission sources evaluated in this section (list and describe):

N/A

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

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

Yes No

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

Yes No

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

Yes No

C. Make a determination:

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

Section 12

Section 12.A

PSD Applicability Determination for All Sources

(Submitting under 20.2.72, 20.2.74 NMAC)

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

A. This facility is:

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

Section 13

Determination of State & Federal Air Quality Regulations

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

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

Required Information for Specific Equipment:

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

Required Information for Regulations that Apply to the Entire Facility:

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

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

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

Regulatory Citations for Emission Standards:

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

Federally Enforceable Conditions:

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

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

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

All applicable state and federal regulatory provisions have been incorporated into the facility's current construction permit (Permit No. 7026-M5). No changes to either state or federal air regulatory applicability are being requested and/or otherwise triggered through this Minor NSR Permit application.

Section 14

Operational Plan to Mitigate Emissions

(Submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

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

N/A

Section 15

Alternative Operating Scenarios

(Submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

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

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

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

N/A

Section 16

Air Dispersion Modeling

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

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

Check each box that applies:

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

Section 17

Compliance Test History

(Submitting under 20.2.70, 20.2.72, 20.2.74 NMAC)

To show compliance with existing NSR permits conditions, you must submit a compliance test history. The table below provides an example.

To save paper and to standardize the application format, delete this sentence and the samples in the Compliance Test History Table, and begin your submittal for this attachment on this page.

Compliance Test History Table

Unit No.	Test Description	Test Date
VLL1EG-N1	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M4.	6/13/2019
VLL1EG-1, VLL1EG-5, VLL1EG-10	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M4.	8/15/2019-8/16/2019; 8/22/2019
VLL1EG-8, VLL1EG-9, VLL1EG-10, VLL2EG-1, VLL2EG-2, VLL2EG-3	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M4.	12/16/2019 – 12/18/2019
VLL1EG-8, VLL1EG-9, VLL1EG-10, VLL1EG-2R, VLL2EG-1, VLL2EG-2, VLL2EG-1R, VLL2EG-3	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M4.	12/16/2019 – 12/18/2019
VLL3EG-7, VLL3EG-8, VLL3EG-9	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M4.	11/2/2020 – 11/5/2020
VLL1EG-1, VLL1EG-7, VLL1EG-11, VLL2EG-4, VLL2EG-5, VLL2EG-6	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M4.	11/2/2020 – 11/5//2020
VLL1EG-1, VLL1EG-7, VLL1EG-11, VLL1EG-12, VLL2EG-4, VLL2EG-5, VLL2EG-6, VLL2EG-N1, VLL3EG-7, VLL3EG-8, VLL3EG-9, VLL3EG-2R	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M4.	11/2/2020 – 11/6//2020
VLL1EG-1R, VLL1EG-N2, VLL2EG-1R, VLL2EG-N1, VLL3EG-1R, VLL3EG-N1	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M5.	11/1/2021-11/5/2021
VLL1EG-1R, VLL1EG-2, VLL1EG-3, VLL1EG-4, VLL1EG-5, VLL1EG-N2, VLL2EG-1, VLL2EG-1R, VLL2EG-2, VLL2EG-3, VLL2EG-N1, VLL2EG-N3, VLL3EG-1R, VLL3EG-2R, VLL3EG-4, VLL3EG-5, VLL3EG-6, VLL3EG-10, VLL3EG-11, VLL3EG-N1	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M5.	11/1/2021-11/5/2021
VLL5EG-1	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M5.	9/2/2022

VLL5EG-1	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M5.	9/2/2022
VLL5EG-9	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M5.	11/18/2022
VLL5EG-9	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M5.	11/18/2022
VLL2EG-7, VLL2EG-8, VLL2EG-9, VLL2EG-10, VLL2EG-11, VLL2EG-12	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M5.	11/29/2022-12/1/2022
VLL2EG-7, VLL2EG-8, VLL2EG-9, VLL2EG-10, VLL2EG-11, VLL2EG-12, VLL3EG-1, VLL3EG-2, VLL3EG-3, VLL3EG-12, VLL3EG-N2, VLL3EG-N3, VLL3EG-N4, VLL5EG-2R, VLL5EG-7, VLL5EG-8, VLL5EG-9, VLL5EG-10, VLL5EG-11, VLL5EG-12	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M5.	11/29/2022-12/1/2022
VLL1EG-1-N1, VLL1EG-1-N2, VLL1EG-1-N3, VLL1EG-1-N4, VLL2EG-N2, VLL2EG-N4	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M5.	10/24/2023-10/26/2023
VLL1-EG2R, VLL1EG-1-N1, VLL2EG-2R, VLL2EG-N2, VLL2EG-N4, VLL3EG-1, VLL3EG-2, VLL3EG-3, VLL4EG-1, VLL5EG-1, VLL5EG-2, VLL5EG-6, VLL5EG-N1, VLL6EG-1, VLL6EG-2, VLL6EG-3, VLL6EG-4, VLL6-EG6, VLL6-EG7, VLL6EG-N1, VLL6EG-N3, VLL6EG-1R	Tested in accordance with EPA test methods for opacity as required by NSR permit 7026-M5.	10/24/2023-10/26/2023
VLL1EG-A1	Tested in accordance with EPA test methods for NOx and CO as required by NSR permit 7026-M5.	12/5/2023

Section 20

Other Relevant Information

Other relevant information. Use this attachment to clarify any part in the application that you think needs explaining. Reference the section, table, column, and/or field. Include any additional text, tables, calculations or clarifying information.

Additionally, the applicant may propose specific permit language for AQB consideration. In the case of a revision to an existing permit, the applicant should provide the old language and the new language in track changes format to highlight the proposed changes. If proposing language for a new facility or language for a new unit, submit the proposed operating condition(s), along with the associated monitoring, recordkeeping, and reporting conditions. In either case, please limit the proposed language to the affected portion of the permit.

N/A

Section 22: Certification

Company Name: Greater Kudu LLC

I, Kathy Rushmore, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 14 day of March, 2024, upon my oath or affirmation, before a notary of the State of

California

Kathy Rushmore
*Signature

3/14/2024
Date

Kathy Rushmore
Printed Name

Authorized Representative
Title

Scribed and sworn before me on this 14 day of MARCH, 2024.

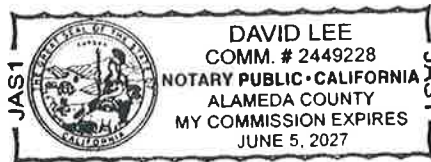
My authorization as a notary of the State of CA expires on the

05 day of JUNE, 2027.

[Signature]
Notary's Signature

03/14/2024
Date

David Lee
Notary's Printed Name



*For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AE NMAC.

Permitting Administrative Multi-Form

Use for NSR administrative permit revisions (including GCPs), TV administrative amendments, TV responsible official notifications, and other submittals required by a permit condition. Refer to Section 4 for instructions, acronyms, and mailing addresses.

Mail Application To: New Mexico Environment Department Air Quality Bureau 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505 Phone (505) 476-4300 Fax (505) 476-4375 www.env.nm.gov/aqb		For Department use only – Received Date: <input type="checkbox"/> Approved <input type="checkbox"/> Completed <input type="checkbox"/> Denied Permit revision number: Reviewed by & date:
--	---	--

Section 1: General Information – Required for All Submittals

1	Facility Name: Greater Kudu LLC								
2	Preparer/Consultant Name: Eri Ottersburg	Title: Managing Consultant, Ramboll							
3	Email: eottersburg@ramboll.com	Phone: (206) 336-1677							
4	Address: 901 5th Ave, Suite 3900, Seattle, WA 98164								
5	Air Permit Contact: Eri Ottersburg	Title: Managing Consultant, Ramboll							
6	Email: eottersburg@ramboll.com	Phone: (206) 336-1677							
7	Address: 901 5th Ave, Suite 3900, Seattle, WA 98164								
8	Check all boxes below for which this submittal applies:	AI #: 37303	Permit #: 7026-M5						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border: 1px solid black; padding: 2px;"> <input type="checkbox"/> NSR Construction Permit (20.2.72 NMAC) </td> <td style="width: 33%; border: 1px solid black; padding: 2px;"> <input type="checkbox"/> NOI (20.2.73 NMAC) (Sections 2-B, 2-D) </td> <td style="width: 33%; border: 1px solid black; padding: 2px;"> <input type="checkbox"/> PSD Permit (20.2.74 NMAC) </td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> TV Operating Permit (20.2.70 NMAC) </td> <td style="border: 1px solid black; padding: 2px;"> <input checked="" type="checkbox"/> Notice of Exemption (20.2.72.202.B NMAC) (Section 2-F) </td> <td style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Nonattainment Permit (20.2.79 NMAC) </td> </tr> </table>				<input type="checkbox"/> NSR Construction Permit (20.2.72 NMAC)	<input type="checkbox"/> NOI (20.2.73 NMAC) (Sections 2-B, 2-D)	<input type="checkbox"/> PSD Permit (20.2.74 NMAC)	<input type="checkbox"/> TV Operating Permit (20.2.70 NMAC)	<input checked="" type="checkbox"/> Notice of Exemption (20.2.72.202.B NMAC) (Section 2-F)	<input type="checkbox"/> Nonattainment Permit (20.2.79 NMAC)
<input type="checkbox"/> NSR Construction Permit (20.2.72 NMAC)	<input type="checkbox"/> NOI (20.2.73 NMAC) (Sections 2-B, 2-D)	<input type="checkbox"/> PSD Permit (20.2.74 NMAC)							
<input type="checkbox"/> TV Operating Permit (20.2.70 NMAC)	<input checked="" type="checkbox"/> Notice of Exemption (20.2.72.202.B NMAC) (Section 2-F)	<input type="checkbox"/> Nonattainment Permit (20.2.79 NMAC)							

Section 2: Details of Submittal

Only print and submit the pages necessary for your submittal. Print double sided head-to-toe, flip on short end (tablet). The Permit Section responds to all TV Administrative amendments and responds only to denials of NSR administrative revisions. Courier proof of delivery is required if you want confirmation that the Department received this submittal. Check the box(es) applicable to this submittal:

- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> 2-A(i) & 2-A(ii): Identical Engine or Turbine Replacements <input type="checkbox"/> 2-B: Owner, Operator, and Name Changes to NOIs or Construction Permits <input type="checkbox"/> 2-C: Ownership or Operational Control Changes for Title V Permits <input type="checkbox"/> 2-D: Closing a Facility or Removing Units from a Permit or Canceling an NOI <input type="checkbox"/> 2-E: Correct Typographical Error | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 2-F: Reporting Exempt Equipment for Minor Construction Permits or for No Permit Required (NPR) Facilities <input type="checkbox"/> 2-G: Add Minor NSR Exempt Equipment to Construction Permits for PSD or Nonattainment Sources <input type="checkbox"/> 2-H: Title V Responsible Official Designations <input type="checkbox"/> 2-I: Submittals to the Permit Programs Manager |
|---|--|

Section 3: Certification – Required for All Changes

Section 2-F: Reporting Exempt Equipment for Minor Construction Permits or for No Permit Required (NPR) Facilities

Certain equipment can be added to minor construction permits as exempt equipment under 20.2.72.202.B NMAC as an administrative permit revision. (This exemption does not apply to facilities subject to 20.2.70 NMAC (TV), 20.2.74 NMAC (PSD), or 20.2.79 NMAC Nonattainment Sources. In those cases, use Section 2-G of this form.)

Construction permit Part 72 exemptions are not the same as operating permit TV insignificant activities (20.2.70.7.Q NMAC). If you have a TV permit and want to claim [Title V insignificant activities](#), they may be required to have authorization through a construction permit. Only the insignificant activities that meet the requirements of 20.2.72.202.B NMAC may be added using this form for an administrative permit revision.

The Potential to Emit (PTE) of regulated air contaminants from minor permit exempt equipment count toward the facility’s total emissions under the PSD, nonattainment, and TV regulations therefore, the addition of equipment using this form could possibly result in the facility becoming PSD, Nonattainment, or TV major.

Check the box(es) to indicate if your facility has a permit or is a no permit required (NPR) facility, check the box(es) for the equipment being added, and complete the table(s), if applicable. Include attachments as required.

Administrative Revision: This facility has a minor construction permit as designated in Section 1 of this application. This form is being submitted to add a piece(s) of equipment that qualifies as exempt under 20.2.72.202.B NMAC.

or

Notice of Exemption: This facility does not require a 20.2.72 NMAC permit, so it is designated as a no permit required (NPR) facility. This exemption form is being submitted to record that this equipment qualifies as exempt under 20.2.72.202.B NMAC. (This exemption does not apply to (cannot be added to) NOI (20.2.73 NMAC), TV (20.2.70 NMAC), PSD (20.2.74 NMAC), or nonattainment (20.2.79 NMAC) facilities.)

AQB used to require either the Notice of Exemption Form or Exemption Application Form for these facilities. This form replaces both of those forms.

Only fill out the information in this table if your facility is an NPR facility, we already have the information for permitted sites.

Facility Name:		Plant primary SIC Code (4 digits):	
		Plant NAICS code (6 digits):	
Facility Street Address (If no facility street address, provide directions from a prominent landmark):			
Company Name:		Phone:	
Company Mailing Address:			
Air Contact:		Title:	
Email:		Phone:	
The facility is: <input type="text"/> (distance) miles <input type="text"/> (direction) of <input type="text"/> (nearest New Mexico town or tribal community).		Zip Code:	County:
Status of land (check one):			
<input type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input type="checkbox"/> Federal BLM <input type="checkbox"/> Federal Forest Service <input type="checkbox"/> State Land <input type="checkbox"/> Bernalillo County			

Section 2-F: Reporting Exempt Equipment for Minor Construction Permits or for No Permit Required (NPR) Facilities, continued

Minor Construction Permit (Part 72) or NPR Exempt Equipment

The equipment checked in this section meets the requirements of the exemption in 20.2.72.202 NMAC, will comply with all applicable federal requirements in 40 CFR Part 60 (NSPS) or 40 CFR Part 63 (MACT), and appropriate records will be created and retained for two (2) years (or five (5) years if a TV source):

Standby Generators

Standby generators which are operated only during the unavoidable loss of commercial utility power and less than 500 hours per year. (20.2.72.202.B(3) NMAC). Potentially applicable federal regulations: 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subparts JJJJ or IIII. Emission rates from emergency standby generators should be calculated assuming operation throughout the year (i.e., 8760 hours per year) to verify that it does not make your facility PSD, Nonattainment, or TV major.

Standby Generator Manufacturer	Serial Number	Date of Manufacture	Date of Installation ¹	Capacity (hp)
Group 6 Generators (2 total)	See Table 2B of the Universal Application Forms.			
Name of commercial power provider ² :		PNM Resources		

¹ Date of installation is the date the engine is placed and secured at the location where it is intended to be operated.

² Commercial power is purchased from a utility company, which specifically does not include power generated on-site for the sole purpose of the user.

Abrasive Blasting

Enclosed abrasive blasting operations; if no visible emissions from the building. (20.2.72.202.B(7) NMAC). Potentially applicable federal regulations: 40 CFR 63 Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories. More information: www.env.nm.gov/air-quality/ind-sector-info/.

Surface Coating

Surface coating of equipment, including spray painting, roll coating, and painting with aerosol spray cans and all coating and clean-up solvent; if VOCs from paints and solvents do not exceed ten (10) pounds per hour and two (2) tons per year. (20.2.72.202.B(6) NMAC). Potentially applicable federal regulations (more information: www.env.nm.gov/air-quality/ind-sector-info/):

40 CFR 63 Subpart HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources or

40 CFR 63 Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories.

Volatile Organic Compound (VOC) Handling and or Storage

VOC emissions resulting from the handling or storing of any VOC emission source; if vapor pressure is less than two tenths (0.2) PSI at the storage and handling temperatures. (20.2.72.202.B(2) NMAC).

Fuel Burning Equipment

Fuel burning equipment used solely for heating buildings for personal comfort or producing hot water for personal use; if gaseous or liquid fuel and rated 5 MMBtu or less, or if distillate oil and 1 MMBtu or less. (20.2.72.202.B(1) NMAC).

Repositioning Sources at Plant

Repositioning or relocating sources of air emissions or emissions points within the plant site, but only when such change in physical configuration does not increase air emissions or the ambient impacts. (20.2.72.B(4) NMAC). Attach an updated plot plan. Permittees must ensure that relocation of any emissions source within the plant site does **not** increase the ambient impact and will not result in an exceedance of any National Ambient Air Quality Standard (NAAQS), New Mexico Ambient Air Quality Standard (NMAAQs), or PSD Increment. If not sure, please contact the Modeling Section Manager (505-476-4300).

Emissions Exempted Based on Quantity

Any emissions unit, operation, or activity that has the potential emission rate no more than one-half (1/2) ton per year of any regulated new source review pollutant. Units, operations, or activities of similar function shall be combined when calculating the emission rate. (20.2.72.202.B(5) NMAC).

Unit Description	Serial Number	Capacity (size)	Regulated Pollutants Emitted ³	PER ⁴ tpy

³ Particulate Matter (PM, PM₁₀, PM_{2.5}); Sulfur Dioxide (SO₂); Carbon Monoxide (CO); Nitrogen Dioxide (NO₂); Hydrogen Sulfide (H₂S); Lead (Pb); Total Reduced Sulfur; and Volatile Organic Compounds (VOC).

⁴ Potential emission rate, as defined in 20.2.72 NMAC. The PER is the worst-case emission rate of the facility without controls or other limitations (unless the controls or limitations are enforceable) and as if the facility were operating continuously 8760 hours per year (24 hour/day, 365 days/year).

Section 3: Certification – Required for All Submittals

Company Name: Greater Kudu LLC

I, Kathy Rushmore, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 14 day of March, 2024, upon my oath or affirmation, before a notary of the State of California.

Kathy Rushmore 3/14/24
Signature¹ Date

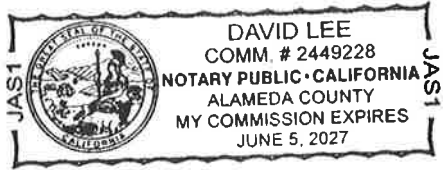
Kathy Rushmore Authorized Representative
Printed Name Title

Scribed and sworn before me on this 14 day of MARCH, 2024.

My authorization as a notary of the State of CA expires on the 05 day of JUNE, 2027.

[Signature] 03/14/2024
Notary's Signature Date

David Lee
Notary's Printed Name



¹ For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AE NMAC:

Appendix 3

Detailed Emissions Calculations

PURSUANT TO A CLAIM OF CONFIDENTIALITY, INFORMATION IN THIS APPENDIX HAS BEEN REDACTED BY THE APPLICANT BY BLACKING IT OUT.

Emissions Calculations
Greater Kudu - Los Lunas, NM

Facility-Wide Potential Emissions

Pollutant	Diesel-Fired Emergency Generators (tpy)	Diesel Belly Tanks (tpy)	Facility-Wide Potential Emissions (tpy)	Title V Major Source Threshold (tpy)	Above Threshold?
NO _x	99.9	-	99.9	100	No
CO	99.9	-	99.9	100	No
VOC	21.9	0.4	22.3	100	No
PM (Filterable)	22.2	-	22.2	100	No
PM ₁₀	22.4	-	22.4	100	No
PM _{2.5}	22.4	-	22.4	100	No
SO ₂	0.12	-	0.12	100	No
Max. Individual HAP	0.06	-	0.06	10	No
Total HAP	0.13	-	0.13	25	No
CO ₂ e	13,375	-	13,375	N/A	N/A

1. Greater Kudu will continue to comply with a site-wide NO_x and CO emissions limitation of 99.9 tpy.
2. Greater Kudu will also install and operate two diesel-fired fire water pumps, which are exempt from permitting per 20.2.72.202.A(4) NMAC, and will continue to remain below permitted limits for NO_x and CO.

Number of Generator Engines

Group 1 Engines	32
Group 2 Engines	2
Group 3 Engines	2
Group 4 Engines (original configuration)	19
Group 4 Engines (stack extensions)	4
Group 5 Engines	57
Group 6 Engines	2

Power Output by Load

Engine Group	Power Output (bkW/engine) ¹					Power Output (bhp/engine) ¹				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
Group 1 Engines										
Group 2 Engines										
Group 3 Engines										
Group 4 & 5 Engines										
Group 6 Engines										

Notes:

1. Per the manufacturer specification sheets for each engine model. Power outputs for Group 3, Group 4, and Group 5 were not available at 10% load. Group 3 power output at 10% load was assumed to be equal to the power output at 25% load. Groups 4, 5, and 6 power outputs at 10% load were assumed to be 10% of the power output at 100% load.

Fuel Usage & Heat Input by Load

Engine Group	Diesel Fuel Consumption (gal/hr/engine) ¹					Heat Input (MMBtu/hr/engine) ²				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
Group 1 Engines										
Group 2 Engines										
Group 3 Engines										
Group 4 & 5 Engines										
Group 6 Engines										

Notes:

1. Per the manufacturer specification sheets for each engine model. Where data was not available from the manufacturer, the fuel consumption was estimated based on the following equation:

$$\text{Fuel Consumption at X\% Load (gal/hr)} = \text{Fuel Consumption at 100\% Load (gal/hr)} \times \text{X\% Load} * \text{Safety Factor (1.05)}$$

3. All generators will be fueled by diesel fuel and/or renewable diesel fuel conforming to ASTM D975 specification for petroleum [including hydrotreated vegetable oil (HVO)]; the ISO8178 D2 test cycle emission rates are the same for both diesel fuel and HVO. For simplicity and conservative purposes, Greater Kudu has calculated total potential emissions from all generators based on the diesel fuel load-specific emission factors.

Manufacturer-Provided Emission Factors by Load (Uncontrolled)

Pollutant	Emission Factors for Group 1 Engines (g/bkWh) ¹					Emission Factors for Group 2 Engines (g/bkWh) ¹				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
NO _x										
CO										
VOC ²										
Filterable PM ³										

Pollutant	Emission Factors for Group 3 Engines (g/bhp-hr) ¹					Emission Factors for Group 4 Engines (g/bhp-hr) ¹				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
NO _x										
CO										
VOC ²										
Filterable PM ³										

Pollutant	Emission Factors for Group 4 Engines with Stack Extensions (g/bhp-hr) ¹					Emission Factors for Group 5 Engines (g/bhp-hr) ¹				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
NO _x										
CO										
VOC ²										
Filterable PM ³										

Pollutant	Emission Factors for Group 6 Engines (g/bhp-hr) ¹				
	100% Load	75% Load	50% Load	25% Load	10% Load
NO _x					
CO					
VOC ²					
Filterable PM ³					

Notes:
 1. Per the manufacturer emissions data and specification sheets for each engine type. Group 1 and Group 2 calculations conservatively rely on the manufacturer's "Not-to-Exceed" emissions data. "Not-to-Exceed" emissions data was not available for Group 3, Group 4, Group 5, and Group 6 engines. As such, emissions for Group 3, Group 4, Group 5, and Group 6 engines are reported as equal to the manufacturer's nominal emission rates with pollutant-specific safety factors applied. Based on guidance from the manufacturer, a 5% increase was applied to the filterable PM emission factors for the Group 4 engines with stack extensions.



- 2. It is conservatively assumed that all hydrocarbons (HC) are VOC.
- 3. It is conservatively assumed that all PM is less than 2.5 microns in diameter.

AP-42 Emission Factors

Pollutant	Emission Factor ¹ (lb/MMBtu)
Condensable PM	7.70E-03
SO ₂ ²	1.52E-03
Benzene	7.76E-04
Toluene	2.81E-04
Xylenes	1.93E-04
Formaldehyde	7.89E-05
Acetaldehyde	2.52E-05
Acrolein	7.88E-06
Total PAH ³	2.12E-04
Total HAP	1.57E-03

Notes:

1. Emission factors are based on the USEPA's AP-42, Section 3.4, *Large Stationary Diesel and All Stationary Dual-fuel Engines*, Tables 3.4-1, 3.4-3, and 3.4-4 (October 1996).
2. The SO₂ emission factor was calculated based on the maximum allowable diesel fuel sulfur content under NSPS Subpart IIII:
Diesel %S Content = 0.0015 wt% sulfur
3. Total PAH = Total Polycyclic Aromatic Hydrocarbons

Greenhouse Gases (GHG) Emission Factors

Pollutant	Emission Factor ¹ (lb/MMBtu)
CO ₂	163.05
CH ₄	6.61E-03
N ₂ O	1.32E-03
CO ₂ e ²	163.61

Notes:

1. Per 40 CFR 98, Subpart C, Tables C-1 and C-2 for No. 2 fuel oil combustion. The emission factors were converted from kg/MMBtu to lb/MMBtu.
2. The CO₂e emission factor is calculated as the sum of each GHG pollutant multiplied by its global warming potential, per 40 CFR 98, Subpart A, Table A-1:

CO ₂ :	1
CH ₄ :	25
N ₂ O:	298

Hourly Emissions per Engine by Load - Group 1 and Group 2 Engines

Pollutant	Hourly Emissions for Group 1 Engines (lb/hr/engine) ^{1, 2}						Hourly Emissions for Group 2 Engines (lb/hr/engine) ^{1, 2}					
	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum
<i>Criteria Pollutants</i>												
NO _x	81.01	42.82	24.31	12.35	11.57	81.01	71.88	31.71	17.22	8.76	12.38	71.88
CO	12.63	8.68	8.10	8.87	6.94	12.63	9.06	9.97	5.74	9.67	11.54	11.54
VOC	4.01	1.22	1.39	1.14	2.46	4.01	2.60	1.63	1.63	1.80	2.72	2.72
Filterable PM	0.59	0.69	1.00	1.04	2.58	2.58	3.08	2.63	0.85	0.06	0.47	3.08
PM ₁₀ /PM _{2.5}	0.81	0.86	1.12	1.10	2.60	2.60	3.26	2.77	0.95	0.11	0.48	3.26
SO ₂	0.04	0.03	0.02	0.01	4.51E-03	0.04	0.03	0.03	0.02	9.16E-03	3.66E-03	0.03
<i>Hazardous Air Pollutants</i>												
Benzene	0.02	0.02	0.01	5.78E-03	2.31E-03	0.02	0.02	0.01	0.01	4.69E-03	1.88E-03	0.02
Toluene	7.97E-03	6.05E-03	4.20E-03	2.09E-03	8.37E-04	7.97E-03	6.47E-03	5.16E-03	3.70E-03	1.70E-03	6.79E-04	6.47E-03
Xylenes	5.47E-03	4.15E-03	2.88E-03	1.44E-03	5.75E-04	5.47E-03	4.44E-03	3.54E-03	2.54E-03	1.17E-03	4.67E-04	4.44E-03
Formaldehyde	2.24E-03	1.70E-03	1.18E-03	5.87E-04	2.35E-04	2.24E-03	1.82E-03	1.45E-03	1.04E-03	4.77E-04	1.91E-04	1.82E-03
Acetaldehyde	7.15E-04	5.42E-04	3.76E-04	1.88E-04	7.51E-05	7.15E-04	5.80E-04	4.63E-04	3.32E-04	1.52E-04	6.09E-05	5.80E-04
Acrolein	2.24E-04	1.70E-04	1.18E-04	5.87E-05	2.35E-05	2.24E-04	1.81E-04	1.45E-04	1.04E-04	4.76E-05	1.90E-05	1.81E-04
Total PAH	6.01E-03	4.56E-03	3.17E-03	1.58E-03	6.31E-04	6.01E-03	4.88E-03	3.89E-03	2.79E-03	1.28E-03	5.12E-04	4.88E-03
Total HAP	0.04	0.03	0.02	0.01	4.69E-03	0.04	0.04	0.03	0.02	9.51E-03	3.80E-03	0.04
<i>Greenhouse Gases</i>												
CO ₂	4,625	3,508	2,435	1,214	485.63	4,625	3,754	2,994	2,145	985.34	394.14	3,754
CH ₄	0.19	0.14	0.10	0.05	0.02	0.19	0.15	0.12	0.09	0.04	0.02	0.15
N ₂ O	0.04	0.03	0.02	9.85E-03	3.94E-03	0.04	0.03	0.02	0.02	7.99E-03	3.20E-03	0.03
CO ₂ e	4,641	3,520	2,444	1,218	487.30	4,641	3,767	3,004	2,152	988.72	395.49	3,767

Notes:

- For manufacturer-provided emission factors:
Hourly Emissions at X% Load (lb/hr/engine) = Emission Factor at X% Load (g/kWh) × Engine Power Output at X% Load (kW/engine) / (453.6 g/lb)
- For AP-42 & GHG emission factors: Hourly Emissions at X% Load (lb/hr/engine) = Emission Factor (lb/MMBtu) × Heat Input at X% Load (MMBtu/hr)

Hourly Emissions per Engine by Load - Group 3 and Group 4 Engines

Pollutant	Hourly Emissions for Group 3 Engines (lb/hr/engine) ^{1, 2}						Hourly Emissions for Group 4 Engines (lb/hr/engine) ^{1, 2}					
	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum
<i>Criteria Pollutants</i>												
NO _x	16.78	12.33	11.04	4.43	4.43	16.78	64.56	39.47	20.61	11.39	4.25	64.56
CO	4.31	2.35	1.18	1.08	1.08	4.31	3.99	2.01	2.24	2.34	0.87	3.99
VOC	0.39	0.33	0.28	0.17	0.17	0.39	1.13	1.22	1.49	1.30	0.48	1.49
Filterable PM	0.90	0.74	0.61	0.39	0.39	0.90	1.07	1.04	1.22	1.32	0.49	1.32
PM ₁₀ /PM _{2.5}	0.97	0.79	0.65	0.41	0.40	0.97	1.29	1.21	1.34	1.39	0.51	1.39
SO ₂	0.01	0.01	7.43E-03	3.97E-03	1.57E-03	0.01	0.04	0.03	0.02	0.01	4.53E-03	0.04
<i>Hazardous Air Pollutants</i>												
Benzene	7.68E-03	5.75E-03	3.81E-03	2.03E-03	8.06E-04	7.68E-03	0.02	0.02	0.01	7.23E-03	2.32E-03	0.02
Toluene	2.78E-03	2.08E-03	1.38E-03	7.35E-04	2.92E-04	2.78E-03	8.01E-03	6.16E-03	4.54E-03	2.62E-03	8.41E-04	8.01E-03
Xylenes	1.91E-03	1.43E-03	9.47E-04	5.05E-04	2.00E-04	1.91E-03	5.50E-03	4.23E-03	3.12E-03	1.80E-03	5.78E-04	5.50E-03
Formaldehyde	7.81E-04	5.85E-04	3.87E-04	2.07E-04	8.20E-05	7.81E-04	2.25E-03	1.73E-03	1.28E-03	7.35E-04	2.36E-04	2.25E-03
Acetaldehyde	2.49E-04	1.87E-04	1.24E-04	6.60E-05	2.62E-05	2.49E-04	7.18E-04	5.53E-04	4.07E-04	2.35E-04	7.54E-05	7.18E-04
Acrolein	7.80E-05	5.84E-05	3.87E-05	2.06E-05	8.19E-06	7.80E-05	2.25E-04	1.73E-04	1.27E-04	7.34E-05	2.36E-05	2.25E-04
Total PAH	2.10E-03	1.57E-03	1.04E-03	5.55E-04	2.20E-04	2.10E-03	6.04E-03	4.65E-03	3.43E-03	1.98E-03	6.34E-04	6.04E-03
Total HAP	0.02	0.01	7.72E-03	4.12E-03	1.64E-03	0.02	0.04	0.03	0.03	0.01	4.71E-03	0.04
<i>Greenhouse Gases</i>												
CO ₂	1,613	1,209	799.89	426.76	169.38	1,613	4,647	3,575	2,637	1,519	487.98	4,647
CH ₄	0.07	0.05	0.03	0.02	6.87E-03	0.07	0.19	0.15	0.11	0.06	0.02	0.19
N ₂ O	0.01	9.81E-03	6.49E-03	3.46E-03	1.37E-03	0.01	0.04	0.03	0.02	0.01	3.96E-03	0.04
CO ₂ e	1,619	1,213	802.63	428.22	169.97	1,619	4,663	3,587	2,646	1,525	489.65	4,663

Notes:

1. For manufacturer-provided emission factors:

$$\text{Hourly Emissions at X\% Load (lb/hr/engine)} = \text{Emission Factor at X\% Load (g/kWh)} \times \text{Engine Power Output at X\% Load (kW/engine)} / (453.6 \text{ g/lb})$$

OR

$$\text{Hourly Emissions at X\% Load (lb/hr/engine)} = \text{Emission Factor at X\% Load (g/bhp-hr)} \times \text{Engine Power Output at X\% Load (bhp/engine)} / (453.6 \text{ g/lb})$$

2. For AP-42 & GHG emission factors: Hourly Emissions at X% Load (lb/hr/engine) = Emission Factor (lb/MMBtu) × Heat Input at X% Load (MMBtu/hr)

Hourly Emissions per Engine by Load - Group 4 Engines with Stack Extensions and Group 5 Engines

Pollutant	Hourly Emissions for Group 4 Engines with Extensions (lb/hr/engine) ^{1, 2, 3}						Hourly Emissions for Group 5 Engines (lb/hr/engine) ^{1, 2, 3}					
	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum
<i>Criteria Pollutants</i>												
NO _x	64.56	39.47	20.61	11.39	4.25	64.56	6.46					6.46
CO	3.99	2.01	2.24	2.34	0.87	3.99	3.99	2.01	2.24	2.34	0.87	3.99
VOC	1.13	1.22	1.49	1.30	0.48	1.49	1.13	1.22	1.49	1.30	0.48	1.49
Filterable PM	1.12	1.09	1.28	1.38	0.52	1.38	1.07	1.04	1.22	1.32	0.49	1.32
PM ₁₀ /PM _{2.5}	1.34	1.26	1.40	1.46	0.54	1.46	1.29	1.21	1.34	1.39	0.51	1.39
SO ₂	0.04	0.03	0.02	0.01	4.53E-03	0.04	0.04	0.03	0.02	0.01	4.53E-03	0.04
<i>Hazardous Air Pollutants</i>												
Benzene	0.02	0.02	0.01	7.23E-03	2.32E-03	0.02	0.02	0.02	0.01	7.23E-03	2.32E-03	0.02
Toluene	8.01E-03	6.16E-03	4.54E-03	2.62E-03	8.41E-04	8.01E-03	8.01E-03	6.16E-03	4.54E-03	2.62E-03	8.41E-04	8.01E-03
Xylenes	5.50E-03	4.23E-03	3.12E-03	1.80E-03	5.78E-04	5.50E-03	5.50E-03	4.23E-03	3.12E-03	1.80E-03	5.78E-04	5.50E-03
Formaldehyde	2.25E-03	1.73E-03	1.28E-03	7.35E-04	2.36E-04	2.25E-03	2.25E-03	1.73E-03	1.28E-03	7.35E-04	2.36E-04	2.25E-03
Acetaldehyde	7.18E-04	5.53E-04	4.07E-04	2.35E-04	7.54E-05	7.18E-04	7.18E-04	5.53E-04	4.07E-04	2.35E-04	7.54E-05	7.18E-04
Acrolein	2.25E-04	1.73E-04	1.27E-04	7.34E-05	2.36E-05	2.25E-04	2.25E-04	1.73E-04	1.27E-04	7.34E-05	2.36E-05	2.25E-04
Total PAH	6.04E-03	4.65E-03	3.43E-03	1.98E-03	6.34E-04	6.04E-03	6.04E-03	4.65E-03	3.43E-03	1.98E-03	6.34E-04	6.04E-03
Total HAP	0.04	0.03	0.03	0.01	4.71E-03	0.04	0.04	0.03	0.03	0.01	4.71E-03	0.04
<i>Greenhouse Gases</i>												
CO ₂	4,647	3,575	2,637	1,519	487.98	4,647	4,647	3,575	2,637	1,519	487.98	4,647
CH ₄	0.19	0.15	0.11	0.06	0.02	0.19	0.19	0.15	0.11	0.06	0.02	0.19
N ₂ O	0.04	0.03	0.02	0.01	3.96E-03	0.04	0.04	0.03	0.02	0.01	3.96E-03	0.04
CO ₂ e	4,663	3,587	2,646	1,525	489.65	4,663	4,663	3,587	2,646	1,525	489.65	4,663

Notes:

1. For manufacturer-provided emission factors:

$$\text{Hourly Emissions at X\% Load (lb/hr/engine)} = \text{Emission Factor at X\% Load (g/bhp-hr)} \times \text{Engine Power Output at X\% Load (bhp/engine)} / (453.6 \text{ g/lb})$$

2. For AP-42 & GHG emission factors: Hourly Emissions at X% Load (lb/hr/engine) = Emission Factor (lb/MMBtu) × Heat Input at X% Load (MMBtu/hr)

3. For generators equipped with SCR control for NO_x emissions (Group 5 engines), the potential NO_x emissions were estimated using the manufacturer-provided NO_x emission factor at 100% load and the SCR control efficiency. It was conservatively assumed that the emissions at all other loads (i.e., 75% load, 50% load, 25% load, and 10% load) are equivalent to the emissions at 100% load.

$$90\% = \text{SCR Control Efficiency for NO}_x$$

Hourly Emissions per Engine by Load - Group 6 Engines

Pollutant	Uncontrolled Hourly Emissions for Group 6 Engines (lb/hr/engine) ^{1, 2}						Controlled Hourly Emissions for Group 6 Engines (lb/hr/engine) ^{1, 2, 3}					
	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum	100% Load	75% Load	50% Load	25% Load	10% Load	Maximum
<i>Criteria Pollutants</i>												
NO _x	63.65	35.23	20.37	9.92	3.97	63.65	6.37					6.37
CO	12.04	7.59	4.26	3.25	1.30	12.04	12.04	7.59	4.26	3.25	1.30	12.04
VOC	0.55	0.61	0.55	0.55	0.22	0.61	0.55	0.61	0.55	0.55	0.22	0.61
Filterable PM	2.01	1.51	1.00	0.90	0.36	2.01	2.01	1.51	1.00	0.90	0.36	2.01
PM ₁₀ /PM _{2.5}	2.18	1.63	1.09	0.96	0.38	2.18	2.18	1.63	1.09	0.96	0.38	2.18
SO ₂	0.03	0.03	0.02	0.01	3.60E-03	0.03	0.03	0.03	0.02	0.01	3.60E-03	0.03
<i>Hazardous Air Pollutants</i>												
Benzene	0.02	0.01	9.14E-03	5.85E-03	1.84E-03	0.02	0.02	0.01	9.14E-03	5.85E-03	1.84E-03	0.02
Toluene	6.36E-03	4.67E-03	3.31E-03	2.12E-03	6.68E-04	6.36E-03	6.36E-03	4.67E-03	3.31E-03	2.12E-03	6.68E-04	6.36E-03
Xylenes	4.37E-03	3.21E-03	2.27E-03	1.45E-03	4.59E-04	4.37E-03	4.37E-03	3.21E-03	2.27E-03	1.45E-03	4.59E-04	4.37E-03
Formaldehyde	1.79E-03	1.31E-03	9.30E-04	5.95E-04	1.88E-04	1.79E-03	1.79E-03	1.31E-03	9.30E-04	5.95E-04	1.88E-04	1.79E-03
Acetaldehyde	5.70E-04	4.19E-04	2.97E-04	1.90E-04	5.99E-05	5.70E-04	5.70E-04	4.19E-04	2.97E-04	1.90E-04	5.99E-05	5.70E-04
Acrolein	1.78E-04	1.31E-04	9.29E-05	5.94E-05	1.87E-05	1.78E-04	1.78E-04	1.31E-04	9.29E-05	5.94E-05	1.87E-05	1.78E-04
Total PAH	4.80E-03	3.53E-03	2.50E-03	1.60E-03	5.04E-04	4.80E-03	4.80E-03	3.53E-03	2.50E-03	1.60E-03	5.04E-04	4.80E-03
Total HAP	0.04	0.03	0.02	0.01	3.74E-03	0.04	0.04	0.03	0.02	0.01	3.74E-03	0.04
<i>Greenhouse Gases</i>												
CO ₂	3,691	2,712	1,922	1,229	387.57	3,691	3,691	2,712	1,922	1,229	387.57	3,691
CH ₄	0.15	0.11	0.08	0.05	0.02	0.15	0.15	0.11	0.08	0.05	0.02	0.15
N ₂ O	0.03	0.02	0.02	9.97E-03	3.14E-03	0.03	0.03	0.02	0.02	9.97E-03	3.14E-03	0.03
CO ₂ e	3,704	2,722	1,928	1,233	388.90	3,704	3,704	2,722	1,928	1,233	388.90	3,704

Notes:

- For manufacturer-provided emission factors:
- For AP-42 & GHG emission factors: Hourly Emissions at X% Load (lb/hr/engine) = Emission Factor (lb/MMBtu) × Heat Input at X% Load (MMBtu/hr)
- For generators equipped with SCR control for NO_x emissions (Group 6 engines), the potential NO_x emissions were estimated using the manufacturer-provided NO_x emission factor at 100% load and the SCR control efficiency. It was conservatively assumed that the emissions at all other loads (i.e., 75% load, 50% load, 25% load, and 10% load) are equivalent to the emissions at 100% load.

$$90\% = \text{SCR Control Efficiency for NO}_x$$

Ratio of Pollutant Emissions to NO_x Emissions by Load

Pollutant	Group 1 Engines - Ratio of (Pounds of Pollutant Emissions) / (Pounds of NO _x Emissions)					Group 2 Engines - Ratio of (Pounds of Pollutant Emissions) / (Pounds of NO _x Emissions)				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
<i>Criteria Pollutants</i>										
NO _x	--	--	--	--	--	--	--	--	--	--
CO	--	--	--	--	--	--	--	--	--	--
VOC	0.05	0.03	0.06	0.09	0.21	0.04	0.05	0.09	0.21	0.22
Filterable PM	0.01	0.02	0.04	0.08	0.22	0.04	0.08	0.05	0.01	0.04
PM ₁₀ /PM _{2.5}	0.01	0.02	0.05	0.09	0.22	0.05	0.09	0.06	0.01	0.04
SO ₂	5.30E-04	7.61E-04	9.31E-04	9.14E-04	3.90E-04	4.85E-04	8.77E-04	1.16E-03	1.05E-03	2.96E-04
<i>Hazardous Air Pollutants</i>										
Benzene	2.72E-04	3.90E-04	4.77E-04	4.68E-04	2.00E-04	2.49E-04	4.49E-04	5.93E-04	5.35E-04	1.51E-04
Toluene	9.84E-05	1.41E-04	1.73E-04	1.69E-04	7.23E-05	9.00E-05	1.63E-04	2.15E-04	1.94E-04	5.49E-05
Xylenes	6.76E-05	9.70E-05	1.19E-04	1.16E-04	4.97E-05	6.18E-05	1.12E-04	1.47E-04	1.33E-04	3.77E-05
Formaldehyde	2.76E-05	3.96E-05	4.85E-05	4.76E-05	2.03E-05	2.53E-05	4.57E-05	6.03E-05	5.44E-05	1.54E-05
Acetaldehyde	8.82E-06	1.27E-05	1.55E-05	1.52E-05	6.48E-06	8.07E-06	1.46E-05	1.93E-05	1.74E-05	4.92E-06
Acrolein	2.76E-06	3.96E-06	4.84E-06	4.75E-06	2.03E-06	2.52E-06	4.56E-06	6.02E-06	5.44E-06	1.54E-06
Total PAH	7.42E-05	1.07E-04	1.30E-04	1.28E-04	5.46E-05	6.79E-05	1.23E-04	1.62E-04	1.46E-04	4.14E-05
Total HAP	5.51E-04	7.91E-04	9.67E-04	9.49E-04	4.05E-04	5.04E-04	9.11E-04	1.20E-03	1.09E-03	3.07E-04
<i>Greenhouse Gases</i>										
CO ₂	57.09	81.91	100.20	98.34	41.96	52.22	94.41	124.59	112.49	31.83
CH ₄	2.32E-03	3.32E-03	4.06E-03	3.99E-03	1.70E-03	2.12E-03	3.83E-03	5.05E-03	4.56E-03	1.29E-03
N ₂ O	4.63E-04	6.65E-04	8.13E-04	7.98E-04	3.40E-04	4.24E-04	7.66E-04	1.01E-03	9.13E-04	2.58E-04
CO ₂ e	57.29	82.19	100.54	98.68	42.10	52.40	94.73	125.02	112.88	31.94

Pollutant	Group 3 Engines - Ratio of (Pounds of Pollutant Emissions) / (Pounds of NO _x Emissions)					Group 4 Engines - Ratio of (Pounds of Pollutant Emissions) / (Pounds of NO _x Emissions) ¹				
	100% Load	75% Load	50% Load	25% Load	10% Load	100% Load	75% Load	50% Load	25% Load	10% Load
<i>Criteria Pollutants</i>										
NO _x	--	--	--	--	--	--	--	--	--	--
CO	--	--	--	--	--	--	--	--	--	--
VOC	0.02	0.03	0.03	0.04	0.04	0.02	0.03	0.07	0.11	0.11
Filterable PM	0.05	0.06	0.06	0.09	0.09	0.02	0.03	0.06	0.12	0.12
PM ₁₀ /PM _{2.5}	0.06	0.06	0.06	0.09	0.09	0.02	0.03	0.07	0.13	0.13
SO ₂	8.93E-04	9.11E-04	6.73E-04	8.94E-04	3.55E-04	6.69E-04	8.41E-04	1.19E-03	1.24E-03	1.07E-03
<i>Hazardous Air Pollutants</i>										
Benzene	4.58E-04	4.66E-04	3.45E-04	4.58E-04	1.82E-04	3.43E-04	4.31E-04	6.09E-04	6.35E-04	5.47E-04
Toluene	1.66E-04	1.69E-04	1.25E-04	1.66E-04	6.58E-05	1.24E-04	1.56E-04	2.20E-04	2.30E-04	1.98E-04
Xylenes	1.14E-04	1.16E-04	8.57E-05	1.14E-04	4.52E-05	8.52E-05	1.07E-04	1.51E-04	1.58E-04	1.36E-04
Formaldehyde	4.65E-05	4.74E-05	3.50E-05	4.66E-05	1.85E-05	3.48E-05	4.38E-05	6.19E-05	6.46E-05	5.56E-05
Acetaldehyde	1.49E-05	1.51E-05	1.12E-05	1.49E-05	5.90E-06	1.11E-05	1.40E-05	1.98E-05	2.06E-05	1.78E-05
Acrolein	4.65E-06	4.74E-06	3.50E-06	4.65E-06	1.85E-06	3.48E-06	4.38E-06	6.18E-06	6.45E-06	5.55E-06
Total PAH	1.25E-04	1.27E-04	9.42E-05	1.25E-04	4.97E-05	9.36E-05	1.18E-04	1.66E-04	1.73E-04	1.49E-04
Total HAP	9.28E-04	9.46E-04	6.99E-04	9.29E-04	3.69E-04	6.95E-04	8.74E-04	1.23E-03	1.29E-03	1.11E-03
<i>Greenhouse Gases</i>										
CO ₂	96.15	98.01	72.43	96.25	38.20	71.99	90.57	127.92	133.43	114.92
CH ₄	3.90E-03	3.98E-03	2.94E-03	3.90E-03	1.55E-03	2.92E-03	3.67E-03	5.19E-03	5.41E-03	4.66E-03
N ₂ O	7.80E-04	7.95E-04	5.88E-04	7.81E-04	3.10E-04	5.84E-04	7.35E-04	1.04E-03	1.08E-03	9.32E-04
CO ₂ e	96.48	98.34	72.68	96.58	38.33	72.23	90.88	128.36	133.88	115.31

Generator Emissions Calculations
Greater Kudu - Los Lunas, NM

PUBLIC

Pollutant	Group 6 Engines - Ratio of (Pounds of Pollutant Emissions) / (Pounds of NO _x Emissions) ²					Maximum Ratio of Pollutant Emissions to NO _x Emissions (lb pollutant/lb NO _x) ¹
	100% Load	75% Load	50% Load	25% Load	10% Load	
<i>Criteria Pollutants</i>						
NO _x	--	--	--	--	--	--
CO	--	--	--	--	--	--
VOC	0.01	0.02	0.03	0.06	0.06	0.22
Filterable PM	0.03	0.04	0.05	0.09	0.09	0.22
PM ₁₀ /PM _{2.5}	0.03	0.05	0.05	0.10	0.10	0.22
SO ₂	5.39E-04	7.15E-04	8.77E-04	1.15E-03	9.08E-04	1.24E-03
<i>Hazardous Air Pollutants</i>						
Benzene	2.76E-04	3.66E-04	4.49E-04	5.89E-04	4.65E-04	6.35E-04
Toluene	9.99E-05	1.33E-04	1.63E-04	2.13E-04	1.68E-04	2.30E-04
Xylenes	6.86E-05	9.11E-05	1.12E-04	1.47E-04	1.16E-04	1.58E-04
Formaldehyde	2.81E-05	3.73E-05	4.57E-05	5.99E-05	4.73E-05	6.46E-05
Acetaldehyde	8.96E-06	1.19E-05	1.46E-05	1.91E-05	1.51E-05	2.06E-05
Acrolein	2.80E-06	3.72E-06	4.56E-06	5.99E-06	4.72E-06	6.45E-06
Total PAH	7.54E-05	1.00E-04	1.23E-04	1.61E-04	1.27E-04	1.73E-04
Total HAP	5.60E-04	7.43E-04	9.11E-04	1.20E-03	9.43E-04	1.29E-03
<i>Greenhouse Gases</i>						
CO ₂	57.99	76.98	94.35	123.86	97.74	133.43
CH ₄	2.35E-03	3.12E-03	3.83E-03	5.02E-03	3.96E-03	5.41E-03
N ₂ O	4.70E-04	6.25E-04	7.65E-04	1.00E-03	7.93E-04	1.08E-03
CO ₂ e	58.19	77.25	94.68	124.28	98.07	133.88

Notes:

1. Greater Kudu has used a site-wide potential-to-emit (PTE) calculation approach consistent with previous submittals to NMED. The "Maximum Ratio of Pollutant Emissions to NO_x Emissions" specifically excludes the ratios associated with the Group 5 engines. The Group 5 engines are the same make, model, and design rated capacity as the Group 4 engines; therefore, the ratios calculated for the Group 4 engines are reflective of expected potential emissions rates of all pollutants other than NO_x from these engines. Similarly, the "Maximum Ratio of Pollutant to NO_x Emissions" for the Group 6 engines are calculated based on the uncontrolled hourly emission rates to be reflective of expected potential emissions rates for all pollutants other than NO_x from these engines.

Potential Annual Emissions from All Generators

Pollutant	Total Potential Annual Emissions for All Generators ^{1, 2, 3} (tpy)
<i>Criteria Pollutants</i>	
NO _x	99.90
CO	99.90
VOC	21.93
Filterable PM	22.24
PM ₁₀ /PM _{2.5}	22.44
SO ₂	0.12
<i>Hazardous Air Pollutants</i>	
Benzene	0.06
Toluene	0.02
Xylenes	0.02
Formaldehyde	0.01
Acetaldehyde	0.00
Acrolein	0.00
Total PAH	0.02
Total HAP	0.13
<i>Greenhouse Gases</i>	
CO ₂	13,329
CH ₄	0.54
N ₂ O	0.11
CO ₂ e	13,375

Notes:

- Greater Kudu will continue to comply with a site-wide NO_x and CO emissions limitation of 99.9 tpy.
- For all pollutants other than NO_x and CO, the total potential annual emissions from all generators were calculated as follows:

$$\text{Total Potential Annual Pollutant Emissions from All Generators (tpy)} = \text{Potential Annual NO}_x \text{ Emissions (tpy)} \times \text{Maximum Ratio of Pollutant Emissions to NO}_x \text{ Emissions (lb pollutant/lb NO}_x\text{)}$$

- Consistent with "Note 1" above, the "Maximum Ratio of Pollutant Emissions to NO_x Emissions" excludes the ratios for the Group 5 engines as expected potential emissions for pollutants other than NO_x are represented by the Group 4 engine pollutant ratios.

Diesel Tanks Potential Annual Throughput

Engine Type	Hourly Diesel Fuel Consumption per Engine ¹ (gal/hr/engine)	Potential Hours of Operation per Engine ² (hrs/yr/engine)	Potential Fuel Usage per Engine ³ (gal/yr/engine)
Group 1 Engines		500	
Group 2 Engines		500	
Group 3 Engines		500	
Group 4 & 5 Engines		500	
Group 6 Engines		500	

Notes:

1. Per the manufacturer's specification sheets for each engine model.
2. Based on the maximum allowable run time per engine under 20 NMAC 2.72.202(B)(3) of 500 hours.
3. Potential Fuel Usage per Engine (gal/yr/engine) = Maximum Diesel Fuel Consumption at Any Load (gal/hr/engine) * Potential Hours of Operation per Engine (hrs/yr/engine)



Potential VOC Emissions from the Diesel Belly Tanks

Tank Parameters	Group 1 Engines	Group 2 Engines	Group 3 Engines	Group 4 Engines	Group 5 Engines	Group 6 Engines
Belly Tank Storage Capacity (gal) ¹						
Working Volume (gal) ²						
Potential VOC Emissions per Tank (lb/yr/engine) ³	7.48	7.06	4.44	7.68	7.68	5.40
Potential VOC Emissions for All Tanks (tpy) ⁴	1.20E-01	7.06E-03	4.44E-03	8.83E-02	2.19E-01	5.40E-03
Total Potential VOC Emissions from Diesel Belly Tanks (tpy) ⁵	0.44					

Notes:

1. The belly tank storage capacities for Groups 1 and 2 engines reflect site-specific information. The belly tank storage capacities for Groups 3, 4, 5, and 6 engines are based on manufacturer specifications.
2. The working volume is assumed to be 80% of the storage capacity of the tank.
3. VOC emissions were estimated per the USEPA's TANKS 4.0.9.d program.
4. Potential VOC Emissions for All Tanks (tpy) = Potential VOC Emissions per Tank (lb/yr/engine) x Number of Engines / (2,000 lb/ton)
5. Total Potential VOC Emissions from Diesel Belly Tanks (tpy) = Potential VOC Emissions for All Group 1 Engine Tanks (tpy) + Potential VOC Emissions from All Group 2 Engine Tanks (tpy) + Potential VOC Emissions from All Group 3 Engine Tanks (tpy) + Potential VOC Emissions from All Group 4 Engine Tanks (tpy) + Potential VOC Emissions from All Group 5 Engine Tanks (tpy) + Potential VOC Emissions from All Group 6 Engine Tanks (tpy)

Appendix 4

Redline of Requested Revisions to NSR Permit No. 7026-M5

Requested update #1: Table 104.A: Regulated Sources List (Page A5 of A16)

Unit No.	Source Description	Make Model	Serial No.	Permitted Capacity	Manufacture Date
<p><u>Group 1</u> VLL1EG-1, VLL1EG-2, VLL1EG-3, VLL1EG-4, VLL1EG-5, VLL1EG-6, VLL1EG-7, VLL1EG-8, VLL1EG-9, VLL1EG-10, VLL1EG-11, VLL1EG-12, VLL1EG-1R, VLL1EG-2R, VLL2EG-1, VLL2EG-2, VLL2EG-3, VLL2EG-4, VLL2EG-5, VLL2EG-6, VLL2EG-7, VLL2EG-8, VLL2EG-9, VLL2EG-10, VLL2EG-11, VLL2EG-12, VLL2EG-1R, VLL2EG-2R, VLL2EG-N1, VLL2EG-N2, VLL2EG-N3, VLL2EG-N4,</p> <p><u>Group 2</u> VLL1EG-N1, VLL1EG-N2, VLL1EG-N3, VLL1EG-N4,</p> <p><u>Group 3</u> VLL1EG-A1, VCN1EG-A1,</p> <p><u>Group 4</u> VLL3EG-1, VLL3EG-2, VLL3EG-3, VLL3EG-4, VLL3EG-5, VLL3EG-6, VLL3EG-7, VLL3EG-8, VLL3EG-9, VLL3EG-10, VLL3EG-11, VLL3EG-12, VLL3EG-1R, VLL3EG-2R, VLL3EG-N1, VLL3EG-N2, VLL3EG-N3, VLL3EG-N4, VLL4EG-1</p> <p><u>Group 4 with stack extensions</u> VLL1EG-1-N1, VLL1EG-1-N2, VLL1EG-1-N3, VLL1EG-1-N4,</p> <p><u>Group 5</u> VLL5EG-1, VLL5EG-2, VLL5EG-3, VLL5EG-4,</p>	<p>Backup Emergency Generators</p>	<p>Varies</p>	<p>Varies</p>	<p>Varies</p>	<p>Varies</p>

<p>VLL5EG-5, VLL5EG-6 VLL5EG-7, VLL5EG-8, VLL5EG-9, VLL5EG-10, VLL5EG-11, VLL5EG-12, VLL5EG-1R, VLL5EG-2R, VLL5EG-N1, VLL5EG-N2, VLL5EG-N3, VLL5EG-N4, VLL6EG-1, VLL6EG-2, VLL6EG-3, VLL6EG-4, VLL6EG-5, VLL6EG-6, VLL6EG-7, VLL6EG-8, VLL6EG-9, VLL6EG-10, VLL6EG-11, VLL6EG-12, VLL6EG-1R, VLL6EG-2R, VLL6EG-N1, VLL6EG-N2, VLL6EG-N3, VLL6EG-N4, VCN1EG-N1, VCN1EG-N2, VCN1EG-N3, VCN1EG-N4, VCN2EG-N1, VCN2EG-N2, VCN2EG-N3, VCN2EG-N4, VCN3EG-N1, VCN3EG-N2, VCN3EG-N3, VCN3EG-N4, VCN4EG-1, VCN5EG-N1, VCN5EG-N2, VCN5EG-N3, VCN5EG-N4, VCN6EG-N1, VCN6EG-N2, VCN6EG-N3, VCN6EG-N4</p> <p>Group 6 VCNEG-DCBX, VCNEG-DCBY</p> <p>(32 Engines from Group 1, 2 4 Engines from Group 2, 2 Engines from Group 3, 23 Engines from Group 4, and 57 Engines from Group 5, and 2 Engines from Group 6 per the application)</p>					
<p>TMP-1 and TMP-2 (Up to 2 temporary, portable engines used to support facility operations, per the application)</p>	<p>Temporary Generators</p>	<p>TBD</p>	<p>TBD</p>	<p>TBD</p>	<p>TBD</p>

*Diesel-fired fire water pumps are permit exempt pursuant to 20.2.72.202.A(4) NMAC.

Requested update #2: Table 105: Control Equipment List: (Page A7 of A16)

Control Equipment Unit No.	Control Description	Pollutant being controlled	Control for Unit Number(s) ¹
VLL5EG-1 through VLL5EG-12	Selective Catalytic Reduction (all 57 of the Group 5 engines and all 2 of the Group 6 engines)	NO _x	VLL5EG-1 through VLL5EG-12
VLL5EG-N1 through VLL5EG-N4			VLL5EG-N1 through VLL5EG-N4
VLL5EG-1R, VLL5EG-2R			VLL5EG-1R, VLL5EG-2R
VLL6EG-1 through VLL6EG-12			VLL6EG-1 through VLL6EG-12
VLL6EG-N1 through VLL6EG-N4			VLL6EG-N1 through VLL6EG-N4
VLL6EG-1R, VLL6EG-2R			VLL6EG-1R, VLL6EG-2R
VCN1EG-N1 through VCN1EG-N4			VCN1EG-N1 through VCN1EG-N4
VCN2EG-N1 through VCN2EG-N4			VCN2EG-N1 through VCN2EG-N4
VCN3EG-N1 through VCN3EG-N4			VCN3EG-N1 through VCN3EG-N4
VCN4EG-1			VCN4EG-1
VCN5EG-N1 through VCN5EG-N4			VCN5EG-N1 through VCN5EG-N4
VCN6EG-N1 through VCN6EG-N4			VCN6EG-N1 through VCN6EG-N4
VCNEG-DCBX, VCNEG-DCBY			VCNEG-DCBX, VCNEG-DCBY

Requested update #3: Condition A110A (Page A8/A9 of A16)

A. Fuel and Fuel Sulfur Requirements

<p>Requirement: All generators shall combust only Diesel Fuel, including Renewable Diesel Fuel. The sulfur content of the fuel shall not exceed 0.0015% sulfur by weight.</p>
<p>Monitoring: No monitoring is required. Compliance is demonstrated through records.</p>
<p>Recordkeeping: The permittee shall demonstrate compliance with the limit on total sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the liquid fuel, specifying the allowable limit or less. Alternatively, compliance may be demonstrated by keeping a receipt or invoice from a commercial fuel supplier, with each fuel delivery, which shall include the delivery date, the fuel type delivered, the amount of fuel delivered, and the maximum sulfur content of the fuel.</p>
<p>Reporting: The permittee shall report in accordance with Section B110.</p>

Requested update #4: Condition A601 (Page A10 of A16)

A601 Stationary Engines (Engines Group 1 through 56)

Requested update #5: Condition A601D (Page A12 of A16)

D. SCR Operation (Group 5 and 6 Emergency Generators)

Requirement: The Group 5 and Group 6 units shall be equipped and shall normally be operated with selective catalytic reduction (SCR) to control NOx emissions. These units shall also be equipped with alarms to indicate potential malfunctions of the SCR units. For unloaded maintenance or if a runtime event occurs while an SCR is malfunctioning, the associated Group 5 and Group 6 Emergency Generator may be operated as long as the permittee demonstrates compliance with the total pollutant emission rates (Tables 102.A & 102.B), allowable emission limits (Table 106.A), limits on engine hours of operation (Condition A108 A), and operation and emission calculations (Condition A601 H).

The permittee shall maintain the SCR units according to manufacturer's recommended maintenance.

Monitoring: The units shall normally be operated with the SCR, which includes catalyst maintenance periods. During periods of catalyst maintenance, the permittee shall either (1) shut down the engine(s); or (2) replace the catalyst with a functionally equivalent spare to allow the engine to remain in operation. During periods of operation of a Group 5 and Group 6 unit with nonoperational SCR, the permittee shall additionally include this monitoring:

- 1) Monitor the alarms associated with the SCR units and record the description of alarms.
- 2) If any of the Group 5 or Group 6 units operate without the SCR functioning, the total hours of operation of each event shall be monitored.

Recordkeeping: The permittee shall maintain records in accordance with applicable Sections in B109, B110, and B111.

Reporting: The permittee shall report in accordance with applicable Sections in B109, B110, and B111.

Requested update #6: Condition A601E (Page A12 of A16)

Requirement: The units are subject to 40 CFR 60, Subparts A and III and shall comply with the requirements in Subpart A and the specific requirements of Subpart III.

~~**This permit condition prohibits non-emergency use of these units and supersedes certain provisions of 40 CFR Subpart III in order for these units to qualify as exempt units under 20.2.72.202(B)(3) NMAC. The units are not authorized to operate in any non-emergency mode. Any operation of these units as defined in 60.4211(f)(3) voids the applicability of the exemption of these units under 20.2.72.202(B)(3) NMAC and the permittee must submit a significant permit revision to the Department to permit the generators as regulated equipment under Part 72.**~~

The regulated equipment will continue to be exempt under 20.2.72.202(B)(3) NMAC as these are standby generators operated as emergency generators as defined by 40 CFR 60, Subpart III. Each standby generator will be operated less than 500 hours per year.

Monitoring: The permittee shall comply with all applicable monitoring requirements in 40 CFR 60, Subpart A and Subpart III, including but not limited to §60.4211.

Recordkeeping: The permittee shall comply with all applicable recordkeeping requirements in 40 CFR 60, Subpart A and Subpart III, including but not limited to §60.4214.

Reporting: The permittee shall comply with all applicable reporting requirements in 40 CFR 60, Subpart A and Subpart III, including but not limited to §60.4214.

Requested update #7: Condition A601H (Page A14 of A16)

Recordkeeping: The Permittee shall record the following:

- 1) the hours of operation of each emergency generator from the hours recorded using the non-resettable hour meter;
- 2) the type of generator operating (Group 1, 2, 3, 4, ~~or~~ 5, or 6) and the reason the generator was in operation during that time. The record shall provide a detailed description of the cause of operation for each generator and shall also include whether the operation was due to routine maintenance, preventative maintenance, or operation due to unavoidable loss of commercial utility power;
- 3) the maximum engine load per run during any operation of each emergency generator.

The Permittee shall use the records of the maximum load per run and hours of operation of each engine as required above and the emission rates shown in Table 1 or alternate emission rates (e.g., rates determined from stack testing) upon approval from the Department to calculate the monthly total and the monthly rolling 12-month total NO_x and CO emissions from the entire facility. The Permittee must retain records of the monthly calculations. Monthly NO_x and CO emissions shall be determined by the following equation:

NSR Permit No. 7026-M5 Page A15 of A16 Engine Load	NO _x Emission Factor – Group 6 Engines when SCR non-operational (CO Emission Factor) All factors in lb/hr	NO _x Emission Factor – Group 6 Engines when SCR operational (CO Emission Factor) All factors in lb/hr
100% Load	63.65 (12.04)	6.37 (12.04)
75% Load	35.23 (7.59)	6.37 (7.59)
50% Load	20.37 (4.26)	6.37 (4.26)
25% Load	9.92 (3.25)	6.37 (3.25)
10% Load	3.97 (1.30)	6.37 (1.30)

Appendix 5
Renewable Diesel Fuel Specifications

FREQUENTLY ASKED QUESTIONS ON HVO FUEL

WHAT IS HVO?

- 1. What is HVO fuel? What is it made of?** *HVO is a hydrotreated vegetable oil, which is made of paraffinic hydrocarbon. The fuel is derived from the same feedstocks used to produce biodiesel. However, instead of using transesterification process, HVO is produced via hydrotreated process.*
- 2. What is the difference between HVO and biodiesel/FAME (Fatty Acid Methyl Ester)?** *Both HVO and biodiesel can be derived from the same feedstocks but through different processes. The major difference between biodiesel and HVO is biodiesel contains oxygenated groups which potentially impacts the fuel stability. However, HVO is produced via a hydrotreatment process, so there is no oxygenated group, which helps improve fuel oxidation stability.*
- 3. What is the difference between HVO and GTL fuels?** *Physically and chemically, both fuels are the same fuel and meet the EN 15940 fuel specification. There are two major differences between HVO and GTL fuels. HVO is produced from renewable feedstocks. GTL is produced from a fossil fuel, natural gas. Moreover, HVO is produced via a Hydrotreated process, and GTL is produced via the Fischer – Tropsh process.*
- 4. What is the reason for HVO fuel getting promoted more when compared with other renewable fuels?** *HVO is being promoted due to its very low carbon content which helps operators meet their carbon reduction goals. Unlike biodiesel, HVO has good oxidation stability and is not prone to bacterial growth making HVO suitable for standby applications.*
- 5. What are the differences between HVO Fuel and Diesel Fuel?** *HVO chemically and physically is very similar to diesel fuel. There are couple differences, HVO has (1) ~ 7% less fuel density, (2) limited aromatic content, (3) limited sulfur content, (4) higher cetane value, (5) a bit higher H/C (Hydrogen/Carbon) ratio.*



CUMMINS APPROVAL AND WARRANTY

6. **Does Cummins approve the use of HVO fuel on Cummins generator sets?** *Cummins approves use of HVO fuel in all* EPA Tier 2, TA Luft 2g and emissions unregulated standby generator sets.*
7. **Does Cummins approval cover engines used in G-Drive application?** *Engines used in G-Drive applications are approved provided the application is standby.*
8. **Is there a Cummins recommendation for HVO fuel specification?** *Cummins requires that HVO fuel comply with the requirements of EN15940.*
9. **Can we purchase HVO fuel from any manufacturer?** *HVO may be sourced from any supplier provided that the fuel complies with EN15940.*
10. **Are Cummins products covered under warranty using HVO fuel?** *Warranty is covered for all products listed for use with HVO fuel on the Cummins fuels bulletin. This includes all standby generator sets typically used in data center applications.*
11. **What is the procedure that we should be following to use HVO fuel on a product that is not approved by Cummins?** *Contact your Cummins distributor or account manager.*
12. **Our local regulation has a higher min. flash point requirement than what is stated in EN15940 (e.g. Local Regulation - Min flash Point is 65 deg C vs EN15940 - Min flash point is 55 deg C). Can this fuel be used?** *Yes, fuel with higher flash point than the min requirement by EN15940 can be used. Confirm with supplier that it meets the local regulations.*

PERFORMANCE

13. **What is the performance difference using HVO fuel compared to standard Diesel Fuel?** *With the exception of fuel consumption there are no inherent differences in generator set performance between diesel and HVO beyond normal site and unit to unit variation. There is a potential mechanical power loss of 1 – 2% due to the lower energy density of HVO fuel. At most generator set power nodes there is sufficient margin between engine power rating (after auxiliary losses and derates) and the generator set rating so that no generator set derate will be required.*
14. **What is the difference between standard fuel and HVO fuel in fuel consumption?** *HVO fuel will have up to 5% higher fuel consumption than what is documented on the data sheet. Add 5% to data sheet values for application needs.*
15. **What are the typical failures for Cummins Engines running with HVO fuel?** *There are no anticipated failures attributed to running the generator sets with HVO fuel.*
16. **Can we mix HVO fuel with Diesel Fuel in the fuel tank?** *Any blend of diesel and HVO is acceptable with no anticipated difference in engine behavior except for slightly greater fuel consumption.*

EMISSIONS COMPLIANCE

17. **Is there any impact to emissions performance when using HVO?** *NOx emissions are comparable and PM emissions are lower when using HVO fuel compared to diesel.*
18. **Is there any impact to Emissions Certifications?** *EPA Tier 2 certification and TA Luft 2g compliance are not impacted by using HVO fuel. (EPA certification requires a specific blend for certification and publishes requirements for fuels to be used in the field. HVO meets those requirements.)*
19. **Are there separate emissions data sheets for HVO?** *No, standard emissions data sheets are to be used for submittals and permitting.*

20. Is there any impact to site permitting? *There are no expected differences in emissions performance between diesel and HVO. HVO may result in slightly higher fuel consumption than diesel, so that will have to be accounted for in permits that call for measuring fuel consumption. Site permits are issued at the discretion of local authorities. Cummins will support our data center customers in working with authorities on defining and complying with permit requirements.*

OPERATION AND MAINTENANCE

- 21. What are the recommendations for maintenance, storage and fuel polishing of HVO?** *Maintenance, fuel polishing and storage recommendations are the same for diesel and HVO*. Most fuel polishing systems will work with either diesel or HVO without modification.*
- 22. Is bacterial growth a concern with HVO as it is with biodiesel?** *No, HVO is a more stable fuel than biodiesel and is not susceptible to bacterial growth and oxidation stability concerns.*
- 23. What are the considerations regarding cold weather operability with HVO?** *Confirm with the fuel supplier that the HVO purchased will work at all site ambient conditions. Note that traditional methods of fuel blending or anti-gelling agents may not be effective.*
- 24. Are there any differences between HVO and diesel in terms of what additives can be used?** *In general Cummins neither approves nor disapproves of additives, however many diesel additives can be used with HVO. There are only two additives endorsed by Cummins for use with either diesel or HVO: PowerService Diesel Kleen +Cetane Boost and PowerService Diesel Fuel Supplement +Cetane Boost. Check with your fuel supplier to confirm the effectiveness of other additives.*
- 25. Can fuel heaters be used with HVO?** *Yes*

*With the exception of some configuration of QSX15 powered generator sets. Consult the Cummins fuels bulletin for details.



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GENERATOR SET PERFORMANCE ON HVO FUEL: QSK95 TEST REPORT SUMMARY

White paper by Nicholas Hawes

EXECUTIVE SUMMARY

This paper provides results of separate back-to-back tests on QSK95 diesel engines with Ultra Low Sulfur Diesel #2 (ULSD #2) fuel and Hydrotreated Vegetable Oil (HVO) fuel. Testing was performed with a production-built development engine in an engineering test cell (mechanical power for a 60Hz 3500 kWe Standby genset) and in the field with a QSK95 60Hz production genset (3000 kWe Standby genset). No changes or conversions were made to the engines (including ECM calibrations) between testing on the different fuels; the only difference between the two tests is the fuel used to conduct the testing.

The results of this testing can be summarized as follows:

- Exhaust Emissions:
 - Lower smoke and particulate matter emissions with HVO fuel
 - Comparable NOx emissions
- Power and Fuel Consumption:
 - Potential for 1-2% lower power with HVO fuel at the engine dataplate Standby mechanical power
 - 3-5% higher fuel consumption by volume with HVO fuel
- Transients and Emergency Start Times:
 - Comparable transient and emergency start time performance

Cummins has conducted similar testing on other High Horsepower generators and similar performance offsets are expected.



INTRODUCTION

Hydrotreated Vegetable Oil (HVO) is a bio-based paraffinic diesel fuel. It is one form of renewable fuel that is produced from vegetable oil and animal fats. The main difference between biodiesel and HVO fuel is the production process for each fuel. Biodiesel is produced through an esterification process and HVO fuel is produced through a hydrotreatment process. Cummins requires paraffinic fuels to meet EN15940 per Fluids for Cummins Products Service Manual (5411406), section 1.

To support customer adoption of HVO fuel, Cummins performed back-to-back testing on Ultra Low Sulfur Diesel #2 (ULSD #2) fuel and HVO fuel in a QSK95 generator set and a QSK95 engineering test cell. This testing aimed to evaluate engine performance and emissions when operating on these fuels.

Cummins has previously tested paraffinic fuels on multiple engines and configurations to support the use of renewable fuels in the field. Examples can be found in the following SAE documents:

- Calibration Optimization of a Heavy-Duty Diesel Engine with GTL Diesel Fuel
- Emissions and Fuel Economy Evaluation from Two Current Technology Heavy-Duty Trucks Operated on HVO and FAME Blends

FUELS TESTED

An evaluation of engine performance and emissions was conducted using ULSD #2 fuel and HVO fuel. Engineering tests were performed with R100 HVO fuel. Field tests were performed with R99 HVO fuel. Details on fuel analysis results can be found below:

FUEL TYPE	ENGINEERING TEST		FIELD TEST	
	ULSD #2	R100 HVO fuel	ULSD #2	R99 HVO fuel
Sulfur (ppm)	12.6	3.5	9.0	0.7
Viscosity (cst)	2.11	3.57	2.24	3.14
API Gravity	38.0	50.6	38.7	48.9

TEST PLAN

Steady state:

1. D2 5 mode test cycle (100%, 75%, 50%, 25%, and 10% load points)

Transient:

1. NFPA110 emergency starts
2. ISO 8528-5 load steps
3. Custom transient load steps (0%-50%, 50%-100%, 100%-50%, 50%-75%, 75%-100%, 100%-75%, 75%-50%, 50%-0%, 0%-100%, 100%-0%)

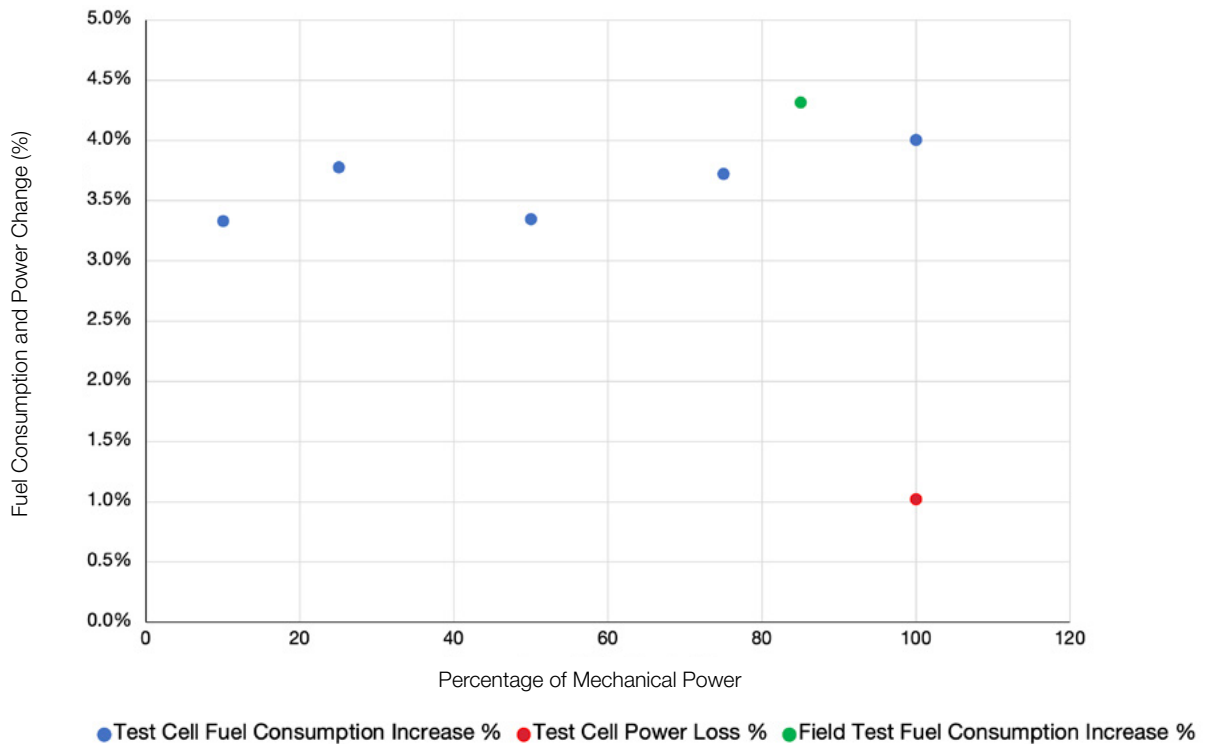
TEST RESULTS

The same mechanical powers (engineering test cell) and electrical powers (field test) were targeted for each of the back-to-back tests.

A 3-5% increase in fuel consumption with HVO fuel, as compared to ULSD #2 fuel, was observed during engineering (lab grade equipment fuel meter) and field (fuel tank measurements) tests (see Figure1). Due to the lower energy by volume with HVO fuel, a mechanical power loss of 1-2% was observed during engineering testing (see Figure 1). Depending upon the performance variation of the production engine installed in the generator set, this loss might be observed when running at the engine dataplate Standby mechanical power.

- In the generator set application, engine speed/frequency will start to drop before the generator set is no longer able to produce the requested power.
- At power nodes where the available mechanical power (after auxiliary losses and derates) exceeds the generator set electrical power rating, the power loss with HVO fuel may be fully absorbed or reduced.

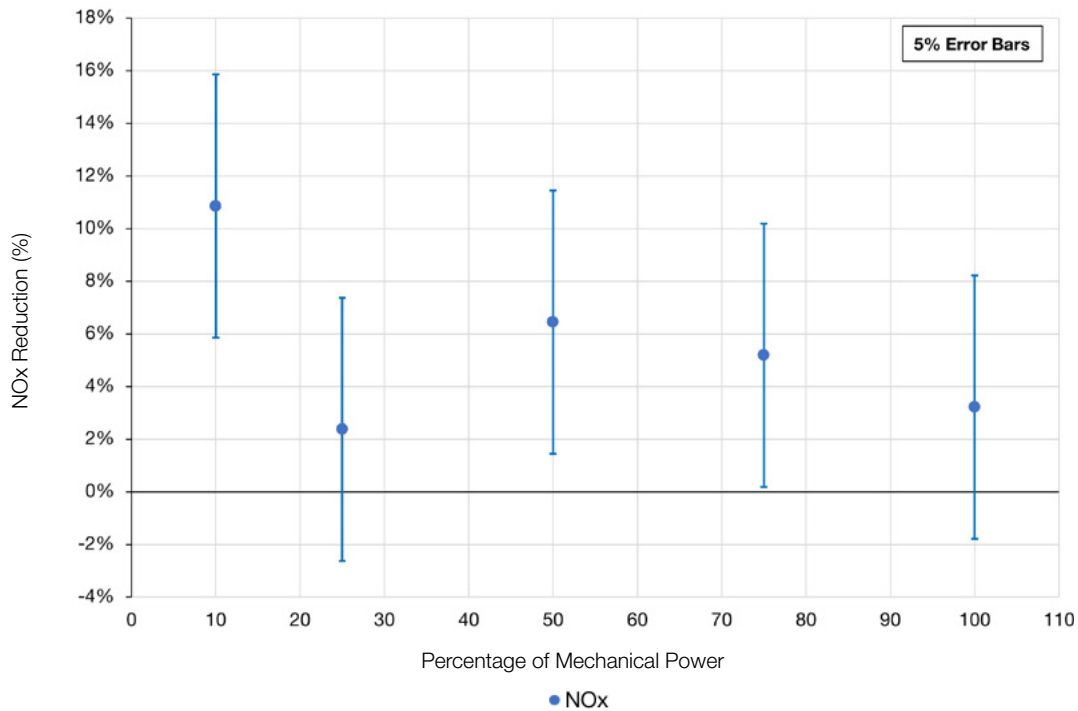
Figure 1: Fuel Consumption and Power Change with HVO Fuel. Observed fuel consumption and power change when operating with HVO fuel compared to ULSD #2 fuel



The engineering and field test data show comparable NO_x emissions at the D2 5 mode points (see Figure 2). 5% error bars were added to the NO_x measurements to account for measurement variation. The following methods were followed for the NO_x measurements:

- Engineering test: ISO 8178-1:2006
- Field test: EPA method 7E

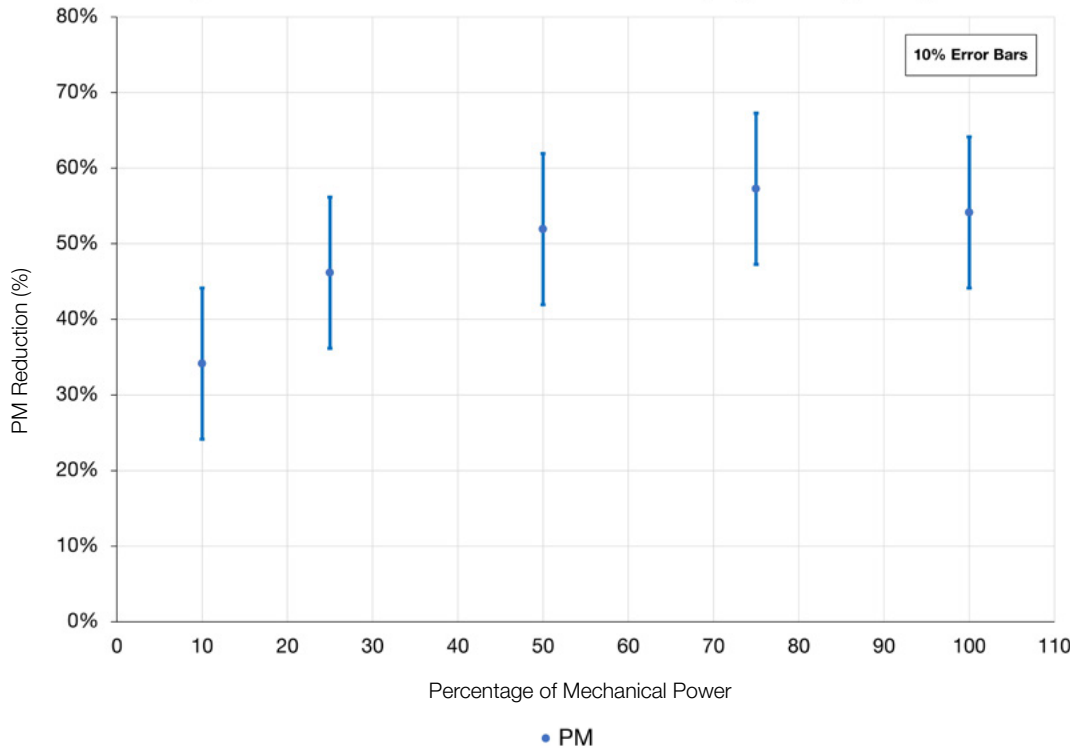
Figure 2: NO_x Reduction with HVO Fuel (Engineering Test). Observed NO_x when operating with HVO fuel compared to ULSD #2 fuel



Particulate matter emissions were reduced 30-60% with HVO fuel as compared to ULSD #2 at the D2 5 mode points during engineering tests (see Figure 3). 10% error bars were added to the PM measurements to account for measurement variation. A 20-30% reduction in PM using HVO fuel as compared to ULSD #2 was observed in the field at modes 1 and 2 (100% and 75% load). A reduction in PM aligns with the minimal aromatic content of HVO fuel. The sensitivity of particulate matter measurements along with differences in performance parts may result in field measurements outside of this range. The following methods were followed for the particulate matter measurements:

- Engineering testing: ISO 8178-1:2006
- Field test: EPA methods 5 and 202

Figure 3: PM Reduction with HVO Fuel (Engineering Test). Observed PM when operating with HVO fuel compared to ULSD #2 fuel



Smoke emissions were measured during engineering testing with an AVL 415 smoke meter. The reduction in smoke emissions with HVO fuel as compared to ULSD #2 followed the same trend as particulate matter emissions.

Transient and emergency testing was performed at 1.0 Power Factor and 480 Volts. Comparable transient performance between HVO and ULSD #2 fuel were observed when running the ISO 8528-5 and part load steps (see Figures 4 and 5). Emergency start time performance also showed comparable performance between the 2 fuels.

Notes for the test results above:

Test results are based on the use of R100 HVO fuel during the engineering test and R99 HVO fuel during the genset field test. Sensitivity to all HVO fuel blends is not known at this time on the QSK95. Steady state emissions were recorded per ISO8178-1 during operation at rated engine speed (+/-2%) and stated constant load (+/-2%) with engine temperatures, pressures and emission rates stabilized. This data is subject to instrumentation and engine-to-engine variability. Field emissions test data is not guaranteed to these levels. Actual field test results may vary due to several factors, including test ambient temperature, site conditions, installation, fuel specification, test procedures, instrumentation, and ambient correction factors. Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.

Figure 4: QSK95 60Hz 3000 kW Field Test ISO Load Steps. Observed genset frequency under ISO load steps when operating with HVO fuel compared to ULSD #2 fuel

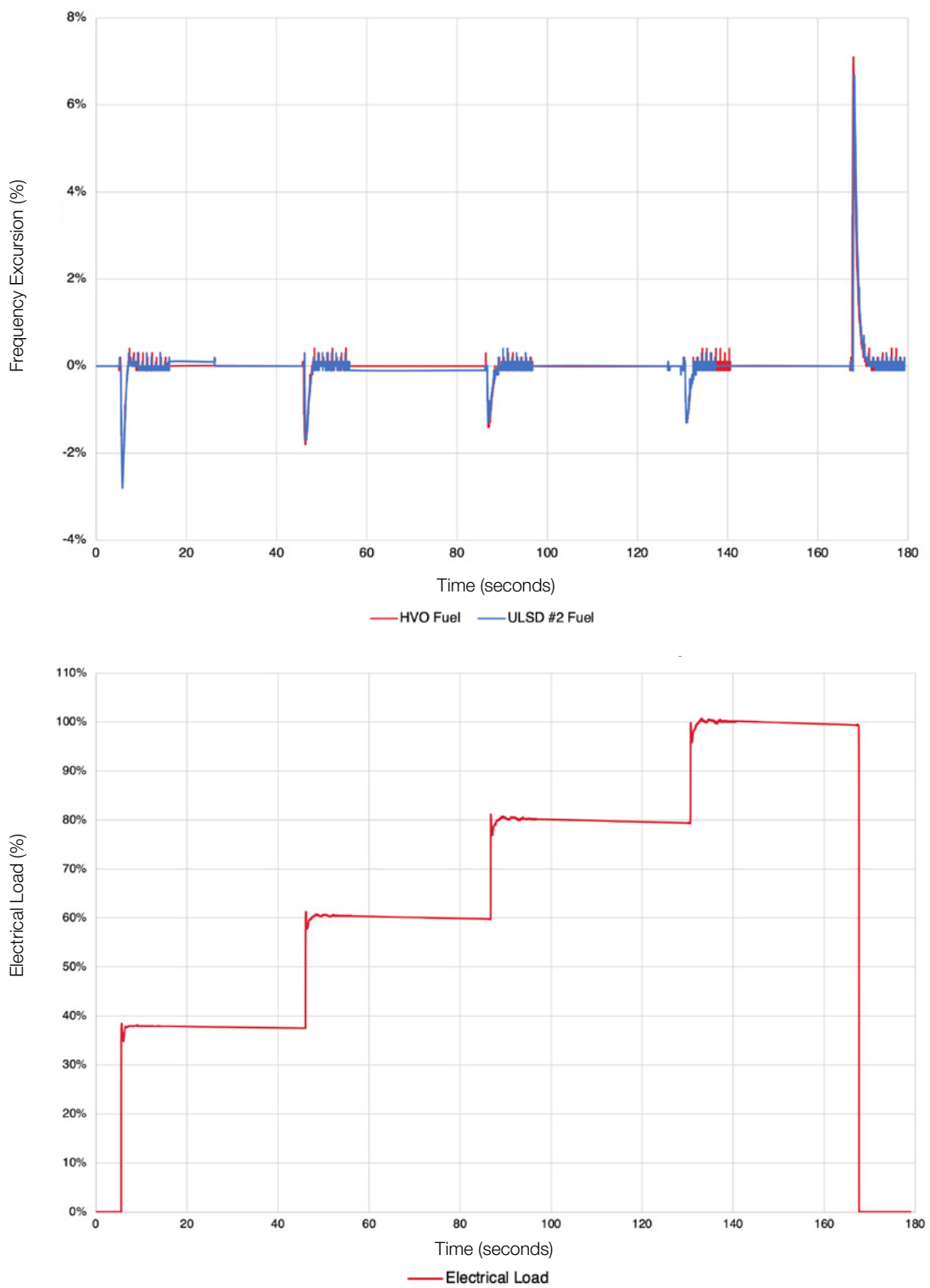
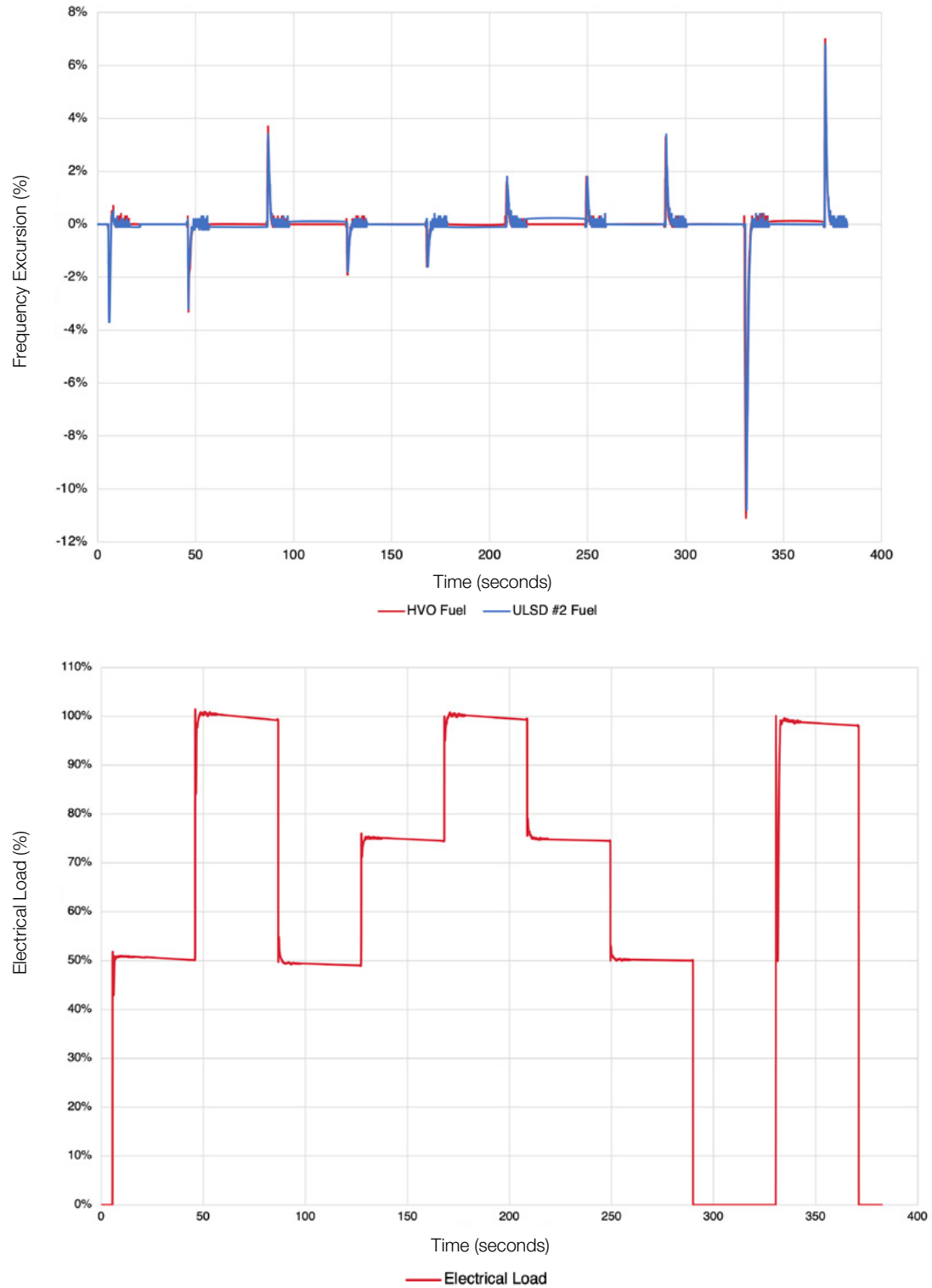


Figure 5: QSK95 60 Hz 3000 kW Frequency Excursion with Custom Load Steps. Observed genset frequency under custom load steps when operating with HVO fuel compared to ULSD #2 fuel



SUMMARY

Testing on the QSK95 demonstrates the capability of this product to run on HVO fuel. Cummins requires paraffinic fuels to meet EN15940 per Fluids for Cummins Products Service Manual (5411406), section 1. The differences in emissions and performance should be noted before applying this alternate to diesel fuel in the field:

- Potential for 1-2% lower power with HVO fuel when running at the engine dataplate Standby mechanical power
 - Derated Standby power nodes should not see 1-2% electrical power loss with HVO fuel (ex. 3000 kWe 60 Hz QSK95 genset products with the base engine rating).
- Potential for 3-5% higher fuel consumption by volume with HVO fuel
- Expected comparable NOx emissions with HVO fuel
- Expected lower particulate matter and smoke emissions with HVO fuel
- Expected comparable transient and emergency start time performance with HVO fuel

Cummins has conducted similar testing on other High Horsepower generators and similar performance offsets are expected.

This paper and the data described herein is for informational purposes only to evaluate the potential engine and emissions performance of the QSK95 operating on HVO fuel. Owners/operators may need to conduct testing and obtain approval from state, local, or federal permitting authorities prior to use of HVO fuel in the field. Accordingly, High Horsepower generator set owners/operators should consult with regulatory authorities as appropriate.

ABOUT THE AUTHOR



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Nicholas Hawes has been supporting the development of global High Horsepower generator set engine ratings since 2013 with a focus on performance and emissions optimization. He provides on-site and remote support for generator set performance and emissions throughout the product lifecycle. Nick has worked on several global projects to enable site-specific performance capability and emissions compliance. Nick received a Bachelor of Science degree in Mechanical Engineering Technology from Indiana University-Purdue University Indianapolis.



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Power Generation

HVO FUEL PROVEN TO BE EFFECTIVE FOR DIESEL GENERATOR SETS

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The energy landscape is changing rapidly with a clear focus on cleaner solutions in the pursuit of net zero emissions. The goal is to achieve this reduced environmental impact without sacrificing the hallmark benefits of reliability, efficiency, and load acceptance of diesel gensets.

Testing fuel performance

Rolls-Royce approves the use of synthetic paraffinic diesel fuel, also referred to as Hydrotreated Vegetable Oil (HVO), for its *mtu* Series 4000 and Series 1600 gensets in power generation applications. This paper provides a detailed review of the testing of an *mtu* Series 4000 diesel generator set operating on standard diesel fuel as well as on HVO fuel.

System tests were conducted in the field with mobile measurement technology. Engine-only tests were performed on a test bed, generating more accurate data results. The results of the testing confirm the effectiveness of HVO as a drop-in fuel for **mtu** diesel generator sets. In comparing the performance criteria between diesel and HVO fuel, no significant effects on general performance were observed. In fact, several positive factors were observed when using HVO.

HVO testing showed:

- A decrease in NOx, CO₂, and PM
- Improved response to load acceptance
- Full power performance
- Decreased fuel consumption

This test was conducted using both an **mtu** 20V 4000 G94S engine as well as a 20V 4000 DS3000 generator set.

The assessment of this test addressed the following areas:

- Load step behavior: Diesel & HVO
- Emissions testing: Diesel & HVO
- Fuel consumption comparison
- Endurance run on HVO

Fuels tested

The testing comparison of engine generator set performance was conducted using distillate diesel fuel and HVO. The diesel fuel used followed DIN 51603 (B0) and the HVO fuel followed EN15940 Class A. In the U.S., engine-only tests were performed using ULSD and HVO meeting ASTM 975. The chart below also shows ASTM D975 and EN 590 for reference.

Parameter	Unit	ASTM D 975 ULSD	EN 590	DIN 51603 Heating Oil EL low sulfur	EN 15940 Class A	Shell HVO (Batch DK6272)
Cetane number	-	min 40	min 51	na	min 70	75,5
Cetane index	-	min 40	min 46	na	na	na
Density at 15°C	kg/m ³	na	820-845	max 860	765-800	779,6
Sulfur content	ppm	max 15	max 10	max 50	max 5	< 5
Total aromatics	% (m/m)	max 35	na	na	max 1,1	na
Flashpoint	°C	min 52	min 55	min 55	min 55	76
Viscosity at 40 °C	mm ² /s	1,9-4,1	2,0-4,5	max 3,8	2-4,5	2,873
FAME content	Vol %	max 5	max 7	max 0,5	max 7	0,0
Oxidation stability	h	na	min 20	na	min 20	> 48
Oxidation stability	g/m ³	na	max 25	na	max 25	< 2
Lubricity at 60 °C (HFRR value)	µm	max 520	max 460	max 460	max 400	339
Total contamination	mg/kg	na	max 24	max 24	max 24	< 12
Water content	mg/kg	na	max 200	max 200	max 200	36
Water + sediment	Vol %	max 0,05	na	na	na	na

For reference, Shell HVO is the fuel sample from the testing as a comparison to the standards. Note: Fuel specifications state ranges, maximums, or minimums for various fuel characteristics.

Test results

The test was completed using a complete generator set. On both fuels, the full nameplate rating of the genset was achieved. The emission test equipment was installed after the engine in the exhaust system.

Fuel consumption

Figure 1 shows data from the engine via ECM recording, comparing engine power and fuel consumed at each load point. The unit was loaded to the same electrical load for each load step on the two different fuels.

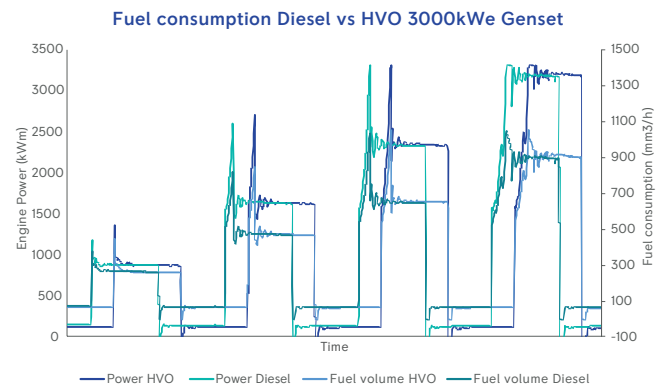
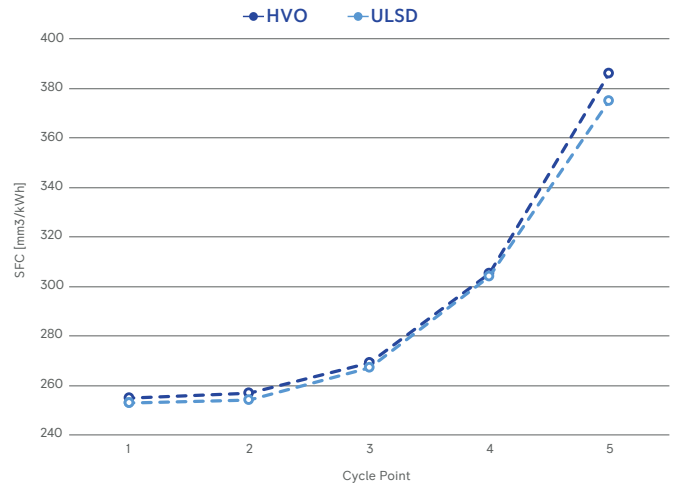
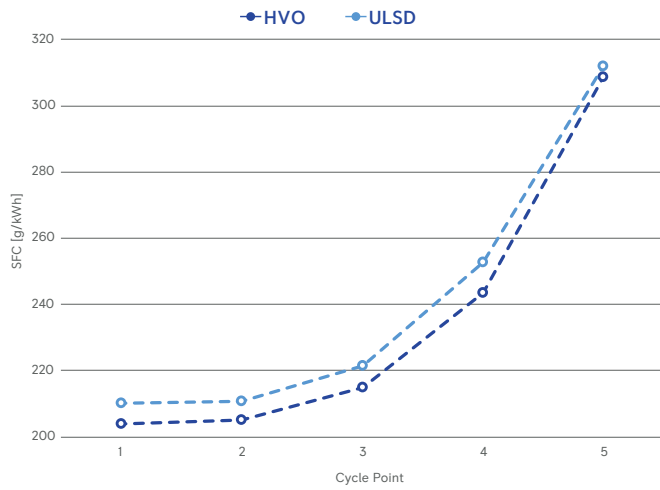


Figure 1

Below, Figure 2 shows the fuel consumption for the EPA D2 cycle load points based on an engine brake dynamometer. The results show HVO has a higher energy per mass, but a lower energy per volume. Therefore, fuel consumption values for HVO could differ slightly from published values for distillate diesel fuel and this should be taken into consideration if permitting is based on fuel consumption.

The chart on the left shows the specific fuel consumption improves using HVO, which can be explained by higher combustion efficiency due to HVO's higher Cetane number. However, the chart on the right shows a slightly higher volumetric fuel consumption, which can be attributed to the HVO's lower density.



SFC (g/kWh)

SFC (cm3/kWh)

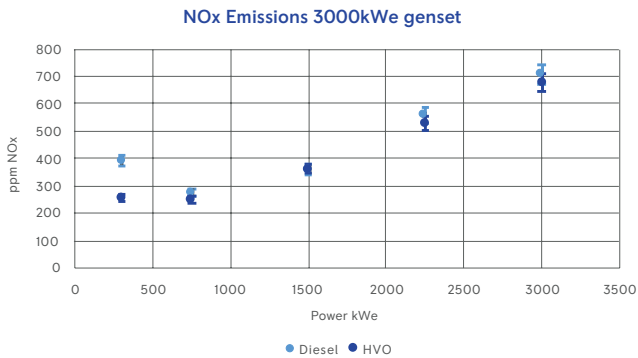
Cycle Point	HVO	ULSD	% Diff
1	203.8	210.2	-3%
2	205.1	210.9	-3%
3	215	221.5	-3%
4	243.6	252.7	-4%
5	308.5	311.8	-1%

Cycle Point	HVO	ULSD	% Diff
1	0.255	0.253	1%
2	0.257	0.254	1%
3	0.269	0.267	1%
4	0.305	0.304	0%
5	0.386	0.375	3%

Figure 2: Fuel consumption from dynamometer testing

NOx comparison

For the NOx values, a 5% error bar is added to the charts to show potential sensor error (Figure 3). The data shows a NOx reduction of approximately 8% when operating with HVO, with a higher reduction at lower loads. When looking at the EPA weighted average (D2 cycle), the delta becomes more evident on the potential reduction (Figure 4).



NOx [g/kWh] D2 Cycle

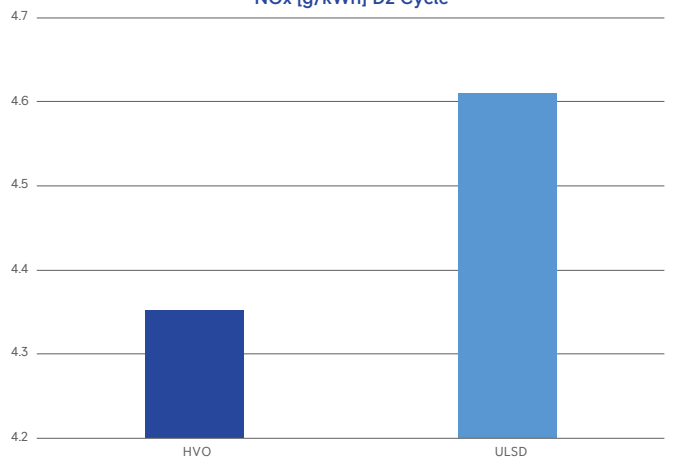


Figure 3

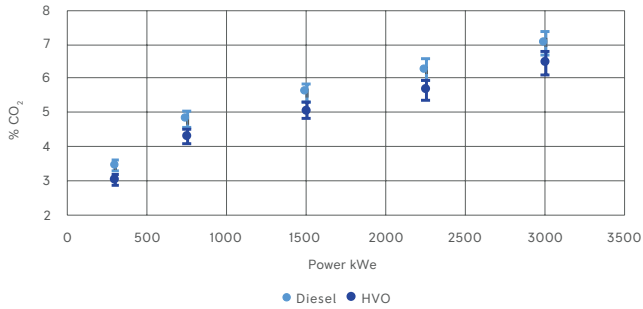
Figure 4

CO₂ comparison

The test analyzed tail pipe emissions, and CO₂ footprint reduction well-to-wheel depending on fuel feedstock. For the CO₂ values, a reduction is consistent. A reduction of 3% was seen in the D2 Cycle emissions testing.

The real CO₂ advantage of HVO, and why it is considered a renewable fuel, is not reflected in the data but can be found in the feedstock. Whereas coal does not absorb CO₂ before it is converted into diesel fuel, the feedstocks used for HVO (such as sunflower) absorb CO₂. This results in a very minimal increase of total CO₂ emissions if using HVO. CO₂ neutrality differs by feedstock and production process.

CO₂ Emissions 3000kWe genset



CO₂ [g/kWh] D2 Cycle

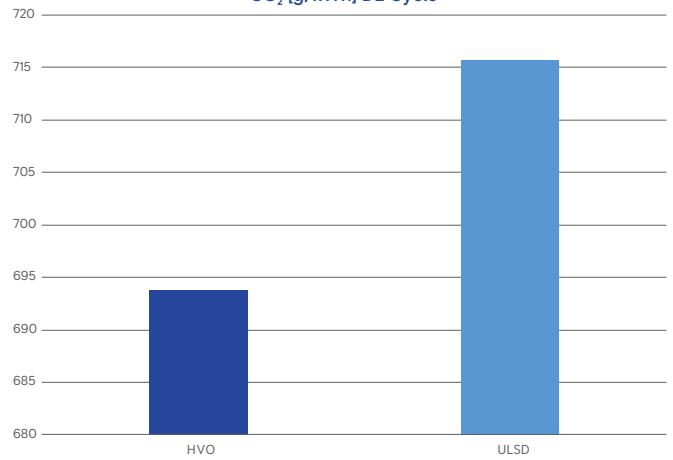
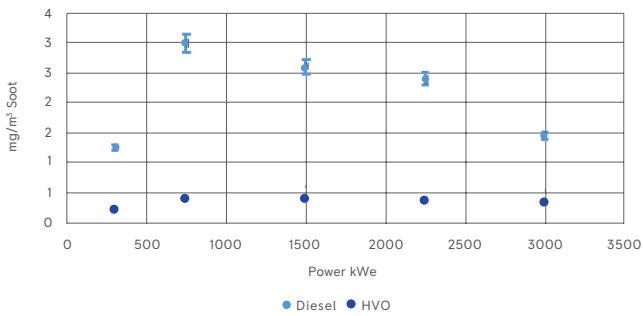


Figure 5

Particulate Matter (PM) comparison

Significant reduction in PM emissions was observed when operating on HVO fuel. The reduction of PM emissions ranges from 50-80% depending on load point, with a 42% reduction in D2 cycle emissions.

PM Emissions 3000kWe genset



PM [mg/kWh] D2 Cycle

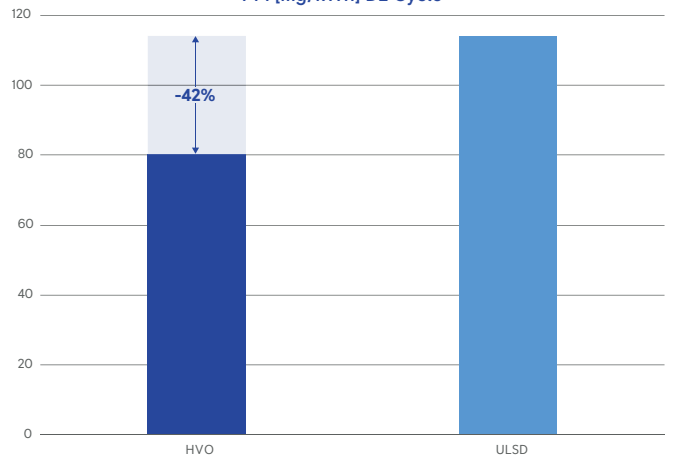


Figure 6

Transient response

The transient behavior when operating on HVO fuel is comparable to the performance of operation with distillate diesel fuel. Figure 7 provides a summary of the load steps with the corresponding frequency dip and recovery time.

Figures 8 and 9 show the behavior of each fuel as well as the acceptance tolerance according to ISO 8528 for voltage and frequency.

The end of line (EOL) parameters for this engine were adjusted using diesel fuel. Figure 9 shows the same maximum power was achieved using HVO even if the end-of-line-testing is done with diesel fuel.

Transient response 3000kWe Genset

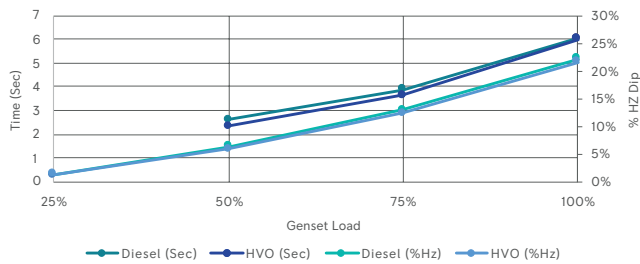


Figure 7

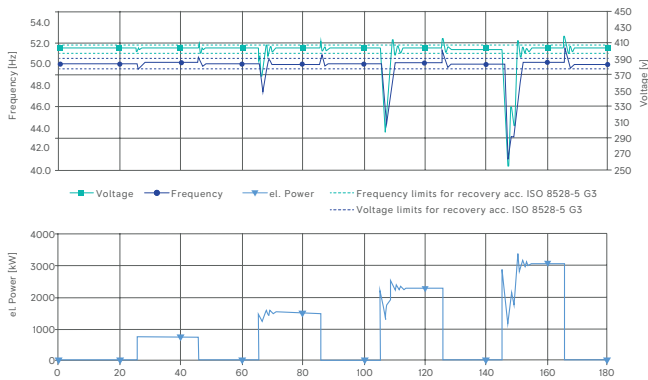


Figure 8: Transient behavior with distillate diesel

Conclusion

The use of HVO as a drop-in fuel has shown acceptable performance in controlled applications. Therefore, HVO fuel is approved for use in **mtu** Series 4000 and Series 1600 generator sets.

The testing showed full nameplate power could be achieved equally using both fuels. In addition, the test shows the following benefits when operating on HVO fuel as an alternative to distillate diesel:

- Lower NO_x, PM and CO₂ emissions at nearly all load points
- Marginal transient performance improvement

As with all fuels, the end user must work closely with its fuel supplier to ensure it is getting the optimal fuel for its application and installation. In addition, proper fuel storage must also be assessed, as it is important for the fuel to be of acceptable quality to ensure reliability and sustainability of the product. Lastly, the feedstock for the HVO fuel should be considered to truly assess the well-to-wheel CO₂ reduction and environmental impact.

Please consult with your local **mtu** representative when using HVO fuel.

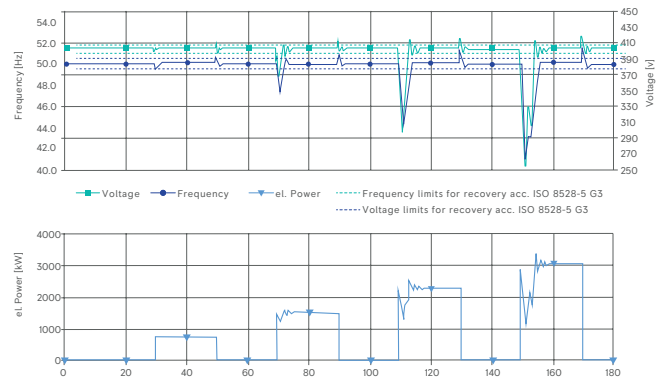


Figure 9: Transient behavior with HVO fuel

Rolls-Royce provides world-class power solutions and complete lifecycle support under our product and solution brand **mtu**. Through digitalization and electrification, we strive to develop drive and power generation solutions that are even cleaner and smarter and thus provide answers to the challenges posed by the rapidly growing societal demands for energy and mobility. We deliver and service comprehensive, powerful and reliable systems, based on both gas and diesel engines, as well as electrified hybrid systems. These clean and technologically advanced solutions serve our customers in the marine and infrastructure sectors worldwide.

Within its Net Zero at Power Systems program, Rolls-Royce has set out to sustainably reform its product portfolio so that by 2030, new technologies can save 35 percent of greenhouse gas emissions compared to 2019. This near-term target plays a significant role in Rolls-Royce Group's ambition to achieve net zero by 2050 at the latest. A key element in achieving these goals is the release of the highest volume **mtu** engine products and systems to run on sustainable fuels as quickly as possible.