

April 29, 2025

FedEx No.: 8808 8949 2409

Ms. Julia Kuhn
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite #1
Santa Fe, New Mexico 87505-1816

**Re: *Application for Significant Modification of Title V Permit P095-R4
DCP Operating Company, LP
Artesia Gas Plant
Eddy County, New Mexico
Tempo No.: 199-PRT20210001
AIRS No.: 350150011***

Dear Ms. Kuhn,

EOSolutions submits the enclosed significant modification application for the DCP Artesia Gas Plant Title V permit P095-R4 as a follow-up to your April 17, 2025 email requesting additional changes to the application submitted to NMED on February 5, 2025. This revised application seeks to update the Title V permit application to include the following New Source Review "NSR" changes: 434-M10R9, 434-M11, 434-M11R1, 434-M11R2, and 434-M11R3 and update the application to a significant modification.

As mentioned in the February 5, 2025 application, there are no physical or operational changes occurring at the plant and the processing rates and permitted emissions will not change. No new processing equipment or emission sources are being added under this Title V permit modification application.

EOSolutions believes the enclosed Title V application with the revisions to the New Mexico Environment Department's forms will allow you to complete the updates needed to the original Title V application. As you requested, we are sending this updated application by email along with a hardcopy sent to your attention.

Application for Significant Modification of Title V Permit P095-R4
DCP Operating Company, LP
Artesia Gas Plant
Eddy County, New Mexico
Tempo No.: 199-PRT20210001
AIRS No.: 350150011
April 29, 2025
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Thank you in advance for your consideration of this application. We request that EOSolutions be copied on any correspondence regarding this registration, including final action. If you have any questions or comments, please contact me directly at (713) 983-0112 or via email at elena.hofmann@eosolutions.net.

Sincerely,



Elena L. Hofmann
President

Enclosures



**Title V Significant Modification Application
Permit P095-R4**

DCP Operating Company, LP
Artesia Gas Plant
Artesia, Eddy County, NM
Agency Interest No. 199
AIRS No: 350150011

April 2025

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Section 1

General Facility Information

DCP Operating Company, LP (DCP) owns and operates the Artesia Gas Plant (Artesia GP), a natural gas processing plant, in Eddy County, New Mexico, approximately 13 miles southeast of Artesia. The plant currently operates under New Source Review (NSR) Permit 434-M11 and Title V permit P095-R4. Key operations and processing units at the facility include natural gas compression, a gas sweetening unit, a dehydration unit, and a natural gas liquids extraction unit. The acid gas generated is routed to an acid gas well.

On February 5, 2025, DCP submitted a Title V minor modification application for the Artesia GP under 20.2.70.404.B.(1) NMAC to incorporate an NSR technical revision under NSR permit No. 434-M11. Upon review of the application, NMED identified that additional updates were required to the Title V permit. Specifically, the Title V application for this minor modification was for NSR Permit No. 434-M11R3 but the application also needed to include changes under NSR Permits 434-M10R9, 434-M11, 434-M11R1, and 434-M11R2. All these changes were minor, but together the application would be a significant modification. As a result, DCP now submits the required NMED forms to update the Title V current with the NSR.

As mentioned in the February 5, 2025 application, there are no physical or operational changes occurring at the plant and the processing rate and permitted emissions will not change. No new processing equipment or emission sources are being added, under this Title V permit modification application.

<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.: _____ in the amount of \$500
 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: **20.2.70.404.C.(1)(a) 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: 199	Updating Permit/NOI #: P095-R4
1	Facility Name: Artesia Gas Plant	Plant primary SIC Code (4 digits): 1321	
		Plant NAIC code (6 digits): 211130	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): From Hobbs, NM travel County Road 206, 3 miles South of the junction of County Road 206 and US Highway 82.		
2	Plant Operator Company Name: DCP Operating Company, LP	Phone/Fax: 832-765-3444	
a	Plant Operator Address: 2331 CityWest Blvd., Houston, TX 77042		

b	Plant Operator's New Mexico Corporate ID or Tax ID: 036785	
3	Plant Owner(s) name(s): DCP Operating Company, LP	Phone/Fax: 832-765-3444
a	Plant Owner(s) Mailing Address(s): 2331 CityWest Blvd., Houston, TX 77042	
4	Bill To (Company): DCP Operating Company, LP	Phone/Fax: 832-765-3444
a	Mailing Address: 2331 CityWest Blvd., Houston, TX 77042	E-mail: steve.torpey@p66.com
5	<input type="checkbox"/> Preparer: <input checked="" type="checkbox"/> Consultant: Elena Hofmann	Phone/Fax: 713-983-0112/346-651-1985
a	Mailing Address: 13105 NW Freeway, #250, Houston, TX 77040	E-mail: elena.hofmann@eosolutions.net
6	Plant Operator Contact: Mr. Ray Smalts	Phone/Fax: 575-234-6405
a	Address: 5301 Sierra Vista Drive, Carlsbad, NM 88220	E-mail: Raymond.a.smalts@p66.com
7	Air Permit Contact: Mr. Steven R. Torpey	Title: Senior Air Permitting Engineer
a	E-mail: steve.torpey@p66.com	Phone/Fax: 832-765-3444/832-765-9844
b	Mailing Address: 2331 CityWest Blvd., N754-02, Houston, TX 77042	
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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No. is: P095-R4
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: 434-M11R3
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: 4.17 MMscf	Daily: 100 MMscf	Annually: 36,500 MMscf
b	Proposed	Hourly: 4.17 MMscf	Daily: 100 MMscf	Annually: 36,500 MMscf
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: 4.17 MMscf	Daily: 100 MMscf	Annually: 36,500 MMscf
b	Proposed	Hourly: 4.17 MMscf	Daily: 100 MMscf	Annually: 36,500 MMscf

Section 1-D: Facility Location Information

1	Latitude (decimal degrees): 32.754972	Longitude (decimal degrees): -104.210028	County: Eddy	Elevation (ft): 3,600
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): 574,000 mE		UTM N (in meters, to nearest 10 meters): 3,624,400 mN	
3	Name and zip code of nearest New Mexico town: Artesia, NM, 88211			
4	Detailed Driving Instructions from nearest NM town (attach a road map if necessary): Drive 12.7 miles east of Artesia on US HWY 82. Then 3 miles south on County Road 206, Illinois Camp Road.			
5	The facility is 13 miles southeast of Artesia.			
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: County: Eddy County			
8	20.2.72 NMAC applications only: Will the property on which the facility is proposed to be constructed or operated be closer than 50 km (31 miles) to other states, Bernalillo County, or a Class I area (see www.env.nm.gov/air-quality/modeling-publications/)? <input type="checkbox"/> Yes <input type="checkbox"/> No (20.2.72.206.A.7 NMAC) If yes, list all with corresponding distances in kilometers:			
9	Name nearest Class I area: Carlsbad Caverns National Park			
10	Shortest distance (in km) from facility boundary to the boundary of the nearest Class I area (to the nearest 10 meters): ~64 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: 5,000 m			
12	Method(s) used to delineate the Restricted Area: Continuous Fencing "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	($\frac{\text{hours}}{\text{year}}$): 8,760
2	Facility's maximum daily operating schedule (if less than 24 $\frac{\text{hours}}{\text{day}}$)? Start: NA		<input type="checkbox"/> AM <input type="checkbox"/> PM	End: NA <input type="checkbox"/> AM <input type="checkbox"/> PM
3	Month and year of anticipated start of construction: NA			
4	Month and year of anticipated construction completion: NA			
5	Month and year of anticipated startup of new or modified facility: NA			
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, specify: Docket No. CAA-06-2025-3308	
a	If yes, NOV date or description of issue: Consent Agreement, 12/12/2024	NOV Tracking No:

b	Is this application in response to any issue listed in 1-F, 1 or 1a above? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, provide the 1c & 1d info below:		
c	Document Title: Consent Agreement Final Order	Date: 12/12/2024	Requirement # (or page # and paragraph #): 69
d	Provide the required text to be inserted in this permit: There is no specific text; only a requirement to make Unit #38 subject to OOOOa.		
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
a	If yes, include the name of company providing commercial electric power to the facility: _____ Commercial power is purchased from a commercial utility company, which specifically does not include power generated on site for the sole purpose of the user.		

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

1	<input type="checkbox"/> I have filled out Section 18, "Addendum for Streamline Applications." <input checked="" type="checkbox"/> N/A (This is not a Streamline application.)
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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): Mr. David Jost	Phone: 720-320-5616
a	R.O. Title: Vice President, Region Ops - Permian	R.O. e-mail: david.m.jost@p66.com
b	R. O. Address: 2331 CityWest Blvd, Houston, Texas 77042	
2	Alternate Responsible Official (20.2.70.300.D.2 NMAC): Mr. Scot Millican	Phone: 575-234-6441
a	A. R.O. Title: Manager, South G&P Region	A. R.O. e-mail: scot.a.millican@p66.com
b	A. R. O. Address: 1925 Illinois Camp Road, Artesia, NM 88210	
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): NA	
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.): Phillips 66	
a	Address of Parent Company: 2331 CityWest Blvd, Houston, Texas 77042	
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.): NA	
6	Telephone numbers & names of the owners' agents and site contacts familiar with plant operations: NA	
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: NA	

Section 1-I – Submittal Requirements

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

Hard Copy Submittal Requirements:

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

Electronic files sent by (check one):

CD/DVD attached to paper application

Secure electronic transfer. Air Permit Contact Name Ms. Julia Kuhn, Email Julia.Kuhn@en.v.nm.gov Phone number 505-629-2893.

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 2 Tables

This section contains universal air quality permit application Tables 2-A through 2-P.

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	Manufacturer	Model #	Serial #	Maximum or Rated Capacity ² (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of		Source Classification Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 45RB, 2SLB) ⁴	Replacing Unit No.
							Manufacture or Reconstruction ²	Installation/Construction ²				
10	Natural Gas Fueled Compressor Engine	White Superior	8G825	20297	800 hp	800 hp	1965	> 12/9/10	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
11	Natural Gas Fueled Compressor Engine	White Superior	8G825	20221	800 hp	800 hp	1976		20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
12	Natural Gas Fueled Compressor Engine	White Superior	8G825	264699	800 hp	800 hp	1976		20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
13	Natural Gas Fueled Compressor Engine	White Superior	8G825	269359	800 hp	800 hp	1976		20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
14	Natural Gas Fueled Compressor Engine	White Superior	8G825	303319	800 hp	800 hp	6/13/1984	2024	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
15	Natural Gas Fueled Compressor Engine	White Superior	8G825	269339	800 hp	800 hp	1976		20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
16	Natural Gas Fueled Compressor Engine	White Superior	8G825	265029	800 hp	800 hp	1976		20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
17	Natural Gas Fueled Compressor Engine	White Superior	8G825	19097	800 hp	800 hp	3/29/1967	3/29/1967	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
19	Gas Furnace	Regen	Optimized	J761577	3 MMBtu/hr	3 MMBtu/hr	Pre 1995	Unknown	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	N/A	N/A
20	Boiler #2	Wickes	N/A	61870-3	36 MMBtu/hr	36 MMBtu/hr	1953	Unknown	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	N/A	N/A
22 (pilot & purge & blanket gas only)	Emergency Wet Gas Flare	NA	N/A	NA	1.64 MMBtu/hr	1.64 MMBtu/hr	Pre 1995	Unknown	30600903	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	N/A	N/A
23 (pilot & purge gas only)	Emergency Acid Gas Flare	NA	N/A	NA	1.64 MMBtu/hr	1.64 MMBtu/hr	Pre 1995	Unknown	30600903	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	N/A	N/A
25	Natural Gas Fueled Compressor Engine	White Superior	8G825	301999	800 hp	800 hp	1984	1984	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A
26	Natural Gas Fueled Compressor Engine	White Superior	8G825	285599	800 hp	800 hp	2005	2005	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced <input type="checkbox"/> To Be Modified	4SLB	N/A

Unit Number ¹	Source Description	Manufacturer	Model #	Serial #	Maximum or Rated Capacity ² (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture or Reconstruction 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 Installation /Construction ²	Emissions vented to Stack #					
27	Natural Gas Fueled Compressor Engine	White Superior	8G825	289669	800 hp	800 hp	1983	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
28	Boiler #1	Wickes	N/A	61787-1	36 MMBtu/hr	36 MMBtu/hr	1952	N/A	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	
30	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	4EK03683	1340 hp	1340 hp	2001	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
31	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	WPW02174	1340 hp	1340 hp	2011	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
32	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	WPW00301	1340 hp	1340 hp	7/17/2006	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
33	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	4EK04320	1340 hp	1340 hp	2001	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
34	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	4EK03900	1340 hp	1340 hp	2001	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
38 (FUG-1)	Facility-Wide Fugitives	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	
39	Natural Gas Fueled Compressor Engine	Waukesha	7042GSI	146400	1,200 hp	1,200 hp	Unknown	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	4SLB	N/A	
40	Reboiler	TBD	TBD	TBD	0.5 MMBtu/hr	0.5 MMBtu/hr	TBD	N/A	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	
Dehy	TEG Dehydrator	Sivalis	ABFO	5303	7.5 gal/min	7.5 gal/min	Unknown	N/A	31000301	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	
Dehy-2	TEG Dehydrator	TBD	TBD	TBD	5 MMSCFD	5 MMSCFD	TBD	N/A	31000301	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	
GT-1	Gunbarrel Separator	N/A	N/A	N/A	400 bbl	400 bbl	2008	VRU	40301105	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	
TK-C	Condensate Tank with Blanket Gas	Permian	N/A	28579	714 bbl	714 bbl	1998	N/A	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Replaced	N/A	N/A	

Unit Number ¹	Source Description	Manufacturer	Model #	Serial #	Maximum or Rated Capacity ² (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of		Source Classification Code (SCC)	For Each Piece of Equipment, Check One		RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
							Manufacture or Reconstruction ²	Date of Installation /Construction ²		Controlled by Unit #	Emissions vented to Stack #		
TK-48	Feed Tank	N/A	N/A	N/A	500 bbl	500 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
TK-49	Feed Tank	N/A	N/A	N/A	500 bbl	500 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
TK-50	Oil Tank	N/A	N/A	N/A	500 bbl	500 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
TK-51	Feed Tank	N/A	N/A	N/A	200 bbl	200 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
Load-1	Truck Loadout & Loading of Condensate	N/A	N/A	N/A	450,000 bbl/yr	450,000 bbl/yr	N/A	N/A	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
Haul-1	Haul-1	N/A	N/A	N/A	7 trucks/day	7 trucks/day	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
Haul-2	Haul-2	N/A	N/A	N/A	5 trucks/day	5 trucks/day	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
TK-1	Gasoline Tank	N/A	N/A	N/A	500 gal	500 gal	1994	N/A	40301007	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
Amine-RS	Amine Regeneration Still Vent & Flash Tank	Randall Corporation	N/A	12762	590 gpm	590 gpm	>1980	N/A	31000201	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
Amine-C	Amine Contactor	Gemstar	N/A	2550	100 MMscf/d	100 MMscf/d	>1980	N/A	31000201	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
CT-N	Cooling Tower	Unknown	Unknown	Unknown	3470 gpm	3470 gpm	2001	N/A	30600701	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	
CT-S	Cooling Tower	Unknown	Unknown	Unknown	3470 gpm	3470 gpm	2001	N/A	30600701	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	N/A	N/A	

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 <http://www.env.nm.gov/aqb/forms/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	
					Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)		Date of Installation /Construction ²	Existing (unchanged) <input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
T-04	Overflow Tank	N/A	N/A	90 bbl	Not source of pollutants		2008	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
36	Heater Treater	Natco	N/A	0.75 MMBtu/hr	2.72.202.B.5		Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-2	Diesel Fuel Tank	Unknown	N/A	500 gal	2.72.202.B.5		1994	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-5	Methanol tank	Unknown	N/A	16,300 gal	2.72.202.B.5		1976	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-6	Antifreeze tank	Unknown	N/A	16,300 gal	2.72.202.B.2		1976	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-9	Lube Oil tank	Unknown	N/A	500 gal	2.72.202.B.2		1976	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-10	100% Triethylene Glycol	Unknown	N/A	500 gal	2.72.202.B.2		1988	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-11	100% Triethylene Glycol	Unknown	N/A	500 gal	2.72.202.B.2		1988	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-12	Amine tank	Unknown	N/A	100 bbl	2.72.202.B.2		1956	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-13	Slimicide tank	Unknown	N/A	400 gal	2.72.202.B.2		1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-13A	BD 1501 Soap tank	Unknown	N/A	420 gal	2.72.202.B.2		2001	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-14	Corrosion Inhibitor tank	Unknown	N/A	560 gal	2.72.202.B.2		1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced
TK-15	Lube Oil Tank	Unknown	Permian Tk 35315	210 bbl	2.72.202.B.2		1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced	<input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Replaced

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
TK-16	Slop Oil (50% water/ 50% oil)	Unknown	Unknown	300	2.72.202.B.2	Aug-94	<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	
						27021	Unknown	<input 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
TK-18	Methanol tank	Unknown	N/A	470	Insignificant Activity Item #5	1991	<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	
						N/A	Unknown	<input 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
TK-19	Boiler Treatment	Unknown	N/A	2,000	2.72.202.B.2	1991	<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	
						N/A	Unknown	<input 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
TK-20	Boiler Treatment	Unknown	N/A	400	2.72.202.B.2	1993	<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	
						N/A	Unknown	<input 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
TK-21	Solvent tank	Unknown	N/A	500	2.72.202.B.2	1985	<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	
						N/A	Unknown	<input 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
TK-22	Used Oil Tank	Unknown	N/A	8,800	2.72.202.B.2	1985	<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	
						N/A	Unknown	<input 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
TK-23	Lube Oil tank	Unknown	N/A	500	2.72.202.B.2	1960	<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	
						N/A	Unknown	<input 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
TK-24	30% ethylene glycol; 70% water	Unknown	N/A	10,000	2.72.202.B.2	1960	<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	
						N/A	Unknown	<input 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
TK-25	Methanol tank	Unknown	N/A	500	2.72.202.B.5	1991	<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	
						N/A	Unknown	<input 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
TK-26	Slimicide tank	Unknown	Betz	500	2.72.202.B.5	1993	<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	
						N/A	Unknown	<input 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
TK-26A	Sulfuric Acid	Unknown	N/A	500	2.72.202.B.5	2001	<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	
						N/A	Unknown	<input 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
TK-28	Detergent/soap	Unknown	N/A	220	2.72.202.B.2	1991	<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	
						N/A	Unknown	<input 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
TK-29	Water/oil from drain syst	Unknown	N/A	210,000	2.72.202.B.2	1959	<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	
						N/A	Unknown	<input 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

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	
SV 18.42	Water/oil from Drain System	Unknown	N/A	8400 gal	2.72.202.B.2	1991	<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	
SV 18.43	Water/oil from Drain System	Unknown	N/A	8400 gal	Insignificant Activity Item #5	Unknown	<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	
SV 18.44	Water/oil from Drain System	Unknown	N/A	8400 gal	2.72.202.B.2	1991	<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	
TK-30	Treated Water tank	Unknown	N/A	500 gal	Insignificant Activity Item #5	Unknown	<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	
TK-31	Product (cold NGL)	Unknown	N/A	773 bbl	2.72.202.B.2	1985	<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	
TK-32	Product (cold NGL)	Unknown	N/A	773 bbl	Insignificant Activity Item #5	Unknown	<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	
TK-33	Product (cold NGL)	Unknown	N/A	773 bbl	2.72.202.B.5	1976	<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	
TK-34	Product (cold NGL)	Unknown	N/A	773 bbl	Insignificant Activity Item #5	Unknown	<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	
TK-35	Propane tank	Unknown	N/A	3,888 gal	2.72.202.B.5	1976	<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	
TK-36	Propane tank	Unknown	N/A	8,943 gal	Insignificant Activity Item #1.a	Unknown	<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	
TK-37	Treated Water tank	Unknown	N/A	1000 bbl	2.72.202.B.2	1982	<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	
TK-38	Treated Water tank	Unknown	N/A	1,000 bbl	Insignificant Activity Item #5	Unknown	<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	
TK-39	Brine tank	Unknown	N/A	210 bbl	2.72.202.B.2	1960	<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	
TK-41	Sulfuric Acid	Unknown	N/A	500 gal	2.72.202.B.2	2001	<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	

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	
					Capacity Units	Insignificant Activity citation (e.g. 1A List Item #1.a)		Date of Installation /Construction ²	Existing (unchanged) <input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
TK-42	Lube Oil tank	Unknown	N/A	500 gal	2.72.202.B.2	Insignificant Activity Item #5	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TK-43	Lube Oil tank	Unknown	N/A	500 gal	2.72.202.B.2	Insignificant Activity Item #5	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TK-44	Slimicide tank	Unknown	N/A	400 gal	2.72.202.B.5	Insignificant Activity Item #1.a	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TK-45	Amine Surge Tank	Unknown	N/A	2,100 gal	2.72.202.B.5	Insignificant Activity Item #1.a	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TK-46	Treated Water for water injection	Scalotrol	N/A	400 gal	2.72.202.B.5	Insignificant Activity Item #1.a	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TK-47	Treated Water Overflow tank	Unknown	N/A	500 bbl	2.72.202.B.5	Insignificant Activity Item #1.a	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TK-48	Treated Water Overflow tank	Unknown	N/A	500 bbl	2.72.202.B.5	Insignificant Activity Item #1.a	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comfort Heater	Comfort Heater	Unknown	Unknown	< 5	2.72.202.B.1	Insignificant Activity Item #3	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AC-1	Air Compressor	Ingersol Rand	Unknown	MMbtu/hr	2.72.202.A.2	Insignificant Activity Item #6	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pump1	Water Utility Pump	Chevrolet	Unknown	35 hp	2.72.202.A.2	Insignificant Activity Item #6	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pump2	Water Utility Pump	Unknown	Unknown	35 hp	2.72.202.A.2	Insignificant Activity Item #6	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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
VRU	Vapor Recovery Unit	2008	VOCs	GT-1, TK-48, TK-49, TK-50, and TK-51	95% annual, 100% short-term	Engineering Estimate
10	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	10	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
11	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	11	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
12	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	12	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
13	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	13	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
14	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	14	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
15	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	15	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
16	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	16	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
17	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	17	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
25	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	25	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
26	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	26	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
27	AFR & NSCR Catalytic Converter	Unknown	NO _x , CO, VOC, HAPs	27	~80% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
30	Oxidation catalyst	Unknown	CO, VOC, HAPs	30	~80% NO _x and CO; 64% VOC & HAPs	Nominal for Catalyst
31	Oxidation catalyst	Unknown	CO, VOC, HAPs	31	95.49% CO; 64% 74.25% VOC & 89.56% HCHO	Nominal for Catalyst
32	Oxidation catalyst	Unknown	CO, VOC, HAPs	32	95.49% CO; 64% 74.25% VOC & 89.56% HCHO	Nominal for Catalyst
33	Oxidation catalyst	Unknown	CO, VOC, HAPs	33	95.49% CO; 64% 74.25% VOC & 89.56% HCHO	Nominal for Catalyst
34	Oxidation catalyst	Unknown	CO, VOC, HAPs	34	95.49% CO; 64% 74.25% VOC & 89.56% HCHO	Nominal for Catalyst
39	AFR & NSCR Catalytic Converter	2009	NO _x , CO, VOC, HAPs	39	~85% NO _x & CO; 75% VOC & HAPs	Nominal for Catalyst
AGI	Acid Gas Injection System	Unknown	H ₂ S	AMINE-RS and AMINE-C	100%	Engineering Estimate

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

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

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

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

Unit No.	NOx		CO		VOC		SOx		TSP 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
10	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
11	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
12	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
13	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
14	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
15	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
16	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
17	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
19	0.30	1.30	0.25	1.10	0.02	0.07	0.0018	0.0078	0.023	0.10	0.023	0.10	0.023	0.10	-	-	-	-
20	3.53	15.46	2.96	12.99	0.19	0.85	0.021	0.093	0.27	1.17	0.27	1.17	0.27	1.17	-	-	-	-
22 (pilot & purge & blanket gas)	0.22	0.98	1.21	5.32	-	-	0.023	0.10	-	-	-	-	-	-	2.3E-05	1.0E-04	-	-
23 (pilot & purge gas)	0.086	0.38	0.47	2.06	-	-	0.01	0.04	-	-	-	-	-	-	9.0E-06	3.9E-05	-	-
25	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
26	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
27	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
28	3.53	15.46	2.96	12.99	0.19	0.85	0.021	0.093	0.27	1.2	0.27	1.2	0.27	1.2	-	-	-	-
30	29.60	129.40	29.60	129.40	4.10	18.10	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
31	29.60	129.40	29.60	129.40	4.10	18.10	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
32	29.60	129.40	29.60	129.40	4.10	18.10	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
33	29.60	129.40	29.60	129.40	4.10	18.10	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
34	29.60	129.40	29.60	129.40	4.10	18.10	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
38 (FUG-1)	-	-	-	-	9.0	39.6	-	-	-	-	-	-	-	-	0.14	0.60	-	-
39	58.20	254.92	84.66	370.79	2.65	11.59	0.12	0.53	0.17	0.73	0.17	0.73	0.17	0.73	-	-	-	-
40	0.049	0.21	0.041	0.18	0.0027	0.012	0.0071	0.031	0.0037	0.016	0.0037	0.016	0.0037	0.016	-	-	-	-
Dehy ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHY-2 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Unit No.	NOx		CO		VOC		SOx		TSP 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
GT-1 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-C ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-48 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-49 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-50 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-51 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Load-1	-	-	-	-	80.2	43.1	-	-	-	-	-	-	-	-	-	-	-	-
Haul-1	-	-	-	-	-	-	-	-	5.5	5.9	1.4	1.50	1.40	1.07	-	-	-	-
Haul-2	-	-	-	-	-	-	-	-	5.5	4.20	1.4	1.07	0.14	0.11	-	-	-	-
Amine-RS ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amine-C ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CT-N	-	-	-	-	-	-	-	-	0.31	1.4	0.20	0.86	0.001	0.0030	-	-	-	-
CT-S	-	-	-	-	-	-	-	-	0.28	1.2	0.18	0.78	0.001	0.0027	-	-	-	-
Totals	505.1	2211.0	531.7	2327.7	151.4	355.7	0.28	1.2	13.6	21.2	5.1	12.7	3.5	9.7	0.14	0.60	-	-

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

² Units Dehy and Dehy-2 are completely closed systems with any flash and recirculation gas routed to the VRU and reinjected into inlet gas for recycling. There are no emissions from these units.

³ Units GT-1, TK-48, TK-49, TK-50, and TK-51 are controlled by a VRU with 100% control efficiency. To allow for downtime for maintenance and repair, the effective control efficiency for the VRU is 95%. The emissions associated with VRU downtime are accounted for under Startup, Shutdown, and Maintenance emissions.

⁴ Unit TK-C always has blanket gas which prevents working and breathing emissions. There are no flashing emissions as the liquids being handled are at atmospheric pressure. Emissions from blanket gas are routed to flare Unit 22.

⁵ Units Amine-RS and Amine-C vents are routed to Acid Gas Well. There are no emissions from these units.

Table 2-E: Requested Allowable Emissions

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

Unit No.	NOx		CO		VOC		SOx		TSP 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
10	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
11	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
12	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
13	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
14	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
15	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
16	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
17	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
19	0.30	1.30	0.25	1.10	0.02	0.07	0.0018	0.0078	0.023	0.10	0.023	0.10	0.023	0.10	-	-	-	-
20	3.53	15.46	2.96	12.99	0.19	0.85	0.021	0.09	0.27	1.17	0.27	1.17	0.27	1.17	-	-	-	-
22 (pilot & purge & blanket)	0.22	0.98	1.2	5.3	-	-	0.023	0.10	-	-	-	-	-	-	2.3E-05	1.0E-04	-	-
23 (pilot & purge gas)	0.086	0.38	0.47	2.06	-	-	0.0090	0.040	-	-	-	-	-	-	9.0E-06	3.9E-05	-	-
25	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
26	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
27	5.29	23.19	5.29	23.19	0.90	3.90	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
28	3.57	15.64	3.00	13.14	0.20	0.86	0.021	0.094	0.27	1.2	0.27	1.2	0.27	1.2	-	-	-	-
30	5.91	25.88	5.91	25.88	1.50	6.50	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
31	5.91	25.88	5.91	25.88	1.50	6.50	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
32	5.91	25.88	5.91	25.88	1.50	6.50	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
33	5.91	25.88	5.91	25.88	1.50	6.50	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
34	5.91	25.88	5.91	25.88	1.50	6.50	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-	-	-
38 (FUG-1)	-	-	-	-	9.0	39.6	-	-	-	-	-	-	-	-	0.14	0.6	-	-
39	8.60	37.66	11.90	52.14	0.40	1.74	0.12	0.53	0.17	0.73	0.17	0.73	0.17	0.73	-	-	-	-
40	0.049	0.21	0.041	0.18	0.0027	0.012	0.0071	0.031	0.0037	0.016	0.0037	0.016	0.0037	0.016	-	-	-	-
Dehy ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHY-2 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GT-1 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Unit No.	NOx		CO		VOC		SOx		TSP 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
TK-C ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-48 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-49 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-50 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-51 ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Load-1	-	-	-	-	80.2	43.1	-	-	-	-	-	-	-	-	-	-	-	-
Haul-1	-	-	-	-	-	-	-	-	1.2	1.32	0.31	0.34	0.03	0.03	-	-	-	-
Haul-2	-	-	-	-	-	-	-	-	1.2	0.94	0.31	0.24	0.03	0.02	-	-	-	-
Amine-RS ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amine-C ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CT-N	-	-	-	-	-	-	-	-	0.31	1.36	0.20	0.86	0.00068	0.0030	-	-	-	-
CT-S	-	-	-	-	-	-	-	-	0.28	1.24	0.18	0.78	0.00062	0.0027	-	-	-	-
Totals	104.1	456.1	107.6	471.4	107.5	161.6	0.3	1.2	5.0	13.4	2.9	10.7	2.0	8.6	0.14003	0.6	-	-

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

² Units Dehy and Dehy-2 are completely closed systems with any flash and recirculation gas routed to the VRU and reinjected into inlet gas for recycling. There are no emissions from these units.

³ Units GT-1, TK-48, TK-49, TK-50, and TK-51 are controlled by a VRU with 100% control efficiency. To allow for downtime for maintenance and repair, the effective control efficiency for the VRU is 95%. The emissions associated with VRU downtime are accounted for under Startup, Shutdown, and Maintenance emissions.

⁴ Unit TK-C always has blanket gas which prevents working and breathing emissions. There are no flashing emissions as the liquids being handled are at atmospheric pressure. Emissions from blanket gas are routed to flare Unit 22.

⁵ Units Amine-RS and Amine-C vents are routed to Acid Gas Wells. There are no emissions from these units.

Table 2-H: Stack Exit Conditions

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

Stack Number	Serving Unit Number(s) from Table 2-A	Orientation Horizontal V=Vertical	Rain Caps (Yes or No)	Height Above Ground (ft)	Temp. (F)	Flow Rate		Moisture by Volume (%)	Velocity (ft/sec)	Inside Diameter or L x W (ft)
						(acfs)	(dscfs)			
10	10	V	No	46	1340	70.0	N/A	N/A	89.2	1.0
11	11	V	No	46	1340	70.0	N/A	N/A	89.2	1.0
12	12	V	No	46	1340	70.0	N/A	N/A	89.2	1.0
13	13	V	No	46	1340	70.0	N/A	N/A	89.2	1.0
14	14	V	No	46	1340	70.0	N/A	N/A	89.2	1.0
15	15	V	No	46	1340	70.0	N/A	N/A	89.2	1.0
16	16	V	No	46.3	1340	70.0	N/A	N/A	89.2	1.0
17	17	V	No	46.3	1340	70.0	N/A	N/A	89.2	1.0
19	19	V	No	33.1	630	211.7	N/A	N/A	20.8	3.6
20	20	V	No	42.3	750	281.7	N/A	N/A	57.4	2.5
22	22	V	No	70.6	1832	131.9	N/A	N/A	65.6	1.6
23	23	V	No	70.6	1832	131.9	N/A	N/A	65.6	1.6
24	24	V	No	98	1000	274.8	N/A	N/A	27	3.6
25	25	V	No	40.3	1340	70.0	N/A	N/A	89.2	1.0
26	26	V	No	40.3	1340	70.0	N/A	N/A	89.2	1.0
27	27	V	No	40.3	1340	70.0	N/A	N/A	89.2	1.0
28	28	V	No	44.7	750	281.7	N/A	N/A	57.4	2.5
30	30	V	No	42.0	876	127.8	N/A	N/A	163	1.0
31	31	V	No	42	876	127.8	N/A	N/A	162.7	1.0
32	32	V	No	42	876	127.8	N/A	N/A	162.7	1.0
33	33	V	No	42	876	127.8	N/A	N/A	162.7	1.0
34	34	V	No	42	876	127.8	N/A	N/A	162.7	1.0
39	39	V	No	46	1125	116.1	N/A	N/A	147.9	1.0
40	40	V	No	15	600	3.43	N/A	N/A	9.8	0.70

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

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

Stack No.	Unit No.(s)	Total HAPs		Formaldehyde		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here	
		lb/hr	ton/yr	<input checked="" type="checkbox"/> HAP or <input type="checkbox"/> TAP	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
10	10	0.065	0.29	0.044	0.19												
11	11	0.065	0.29	0.044	0.19												
12	12	0.065	0.29	0.044	0.19												
13	13	0.065	0.29	0.044	0.19												
14	14	0.065	0.29	0.044	0.19												
15	15	0.065	0.29	0.044	0.19												
16	16	0.065	0.29	0.044	0.19												
17	17	0.065	0.29	0.044	0.19												
19	19	0.043	0.19	0.0025	0.011												
20	20	0.094	0.41	0.0026	0.012												
22 (pilot & purge & blanket gas)		-	-	-	-												
23 (pilot & purge gas)		-	-	-	-												
25	25	0.065	0.29	0.044	0.19												
26	26	0.065	0.29	0.044	0.19												
27	27	0.065	0.29	0.044	0.19												
28	28	0.094	0.41	0.0026	0.012												
30	30	0.25	1.1	0.19	0.81												
31	31	0.25	1.1	0.19	0.81												
32	32	0.25	1.1	0.19	0.81												
33	33	0.25	1.1	0.19	0.81												
34	34	0.25	1.1	0.19	0.81												
N/A	38 (FUG-1)	0.23	1.0	-	-												
39	39	0.098	0.43	0.066	0.29												
40	40	0.0013	0.0057	4.6E-05	0.0020												

Stack No.	Unit No.(s)	Total HAPs		Formaldehyde		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here		Provide Pollutant Name Here	
		lb/hr	ton/yr	<input checked="" type="checkbox"/> HAP or <input type="checkbox"/> TAP	lb/hr	ton/yr	<input type="checkbox"/> HAP or <input type="checkbox"/> TAP	lb/hr	ton/yr	<input type="checkbox"/> HAP or <input type="checkbox"/> TAP	lb/hr	ton/yr	<input type="checkbox"/> HAP or <input type="checkbox"/> TAP	lb/hr	ton/yr
N/A	Dehy ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	DEHY-2 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	GT-1 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	TK-C ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	TK-48 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	TK-49 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	TK-50 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	Load-1	7.35	3.95	-	-	-	-	-	-	-	-	-	-	-	-
N/A	Haul-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	Haul-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	CT-N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N/A	CT-S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals:		9.9	15.1	1.5	6.5										

¹ Units Dehy and Dehy-2 are completely closed systems with any flash and recirculation gas routed to the VRU and reinjected into inlet gas for recycling. There are no emissions from these units.

² Units GT-1, TK-48, TK-49, and TK-50 are controlled by a VRU with 100% control efficiency. To allow for downtime for maintenance and repair, the effective control efficiency for the VRU is 95%. The emissions associated with VRU downtime are accounted for under Startup, Shutdown, and Maintenance emissions.

³ Unit TK-C always has blanket gas which prevents working and breathing emissions. There are no flashing emissions as the liquids being handled are at atmospheric pressure. Emissions from blanket gas are routed to flare Unit 22.

Table 2-J: Fuel

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

Unit No.	Fuel Type (No. 2 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
10	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
11	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
12	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
13	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
14	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
15	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
16	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
17	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
19	Sweet Natural Gas	Residue Gas	1,008	3.0 Mscf	26.1 MMscf	5 gr S/ 100 scf	Negligible
20	Sweet Natural Gas	Residue Gas	1,008	30.0 Mscf	260.7 MMscf	5 gr S/ 100 scf	Negligible
22 (pilot)	Sweet Natural Gas	Residue Gas	1,008	1.6 Mscf	14.3 MMscf	5 gr S/ 100 scf	Negligible
23 (pilot)	Sweet Natural Gas	Residue Gas	1,008	1.6 Mscf	14.3 MMscf	5 gr S/ 100 scf	Negligible
25	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
26	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
27	Sweet Natural Gas	Residue Gas	1,008	6.3 Mscf	55.6 MMscf	5 gr S/ 100 scf	Negligible
28	Sweet Natural Gas	Residue Gas	1,008	30.0 Mscf	260.7 MMscf	5 gr S/ 100 scf	Negligible
30	Sweet Natural Gas	Residue Gas	1,008	10.0 Mscf	87.9 MMscf	5 gr S/ 100 scf	Negligible
31	Sweet Natural Gas	Residue Gas	1,008	10.0 Mscf	87.9 MMscf	5 gr S/ 100 scf	Negligible
32	Sweet Natural Gas	Residue Gas	1,008	10.0 Mscf	87.9 MMscf	5 gr S/ 100 scf	Negligible
33	Sweet Natural Gas	Residue Gas	1,008	10.0 Mscf	87.9 MMscf	5 gr S/ 100 scf	Negligible
34	Sweet Natural Gas	Residue Gas	1,008	10.0 Mscf	87.9 MMscf	5 gr S/ 100 scf	Negligible
39	Sweet Natural Gas	Residue Gas	1,008	8.5 Mscf	74.6 MMscf	5 gr S/ 100 scf	Negligible
40	Sweet Natural Gas	Residue Gas	1,008	0.50 Mscf	4.3 MMscf	5 gr S/ 100 scf	Negligible

Table 2-P: Green House Gas Emissions

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

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

Unit No.	GWPs ¹	CO ₂ ton/yr	N ₂ O ton/yr	CH ₄ ton/yr	SF ₆ ton/yr	PFC/HFC ton/yr ²	Other GHGs	Total GHG Mass Basis ton/yr ⁴	Total CO ₂ e ton/yr ⁵
10	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
11	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
12	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
13	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
14	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
15	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
16	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
17	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
19	mass GHG	1568.1	2.96E-03	0.030					
	CO ₂ e	1568.1	0.9	0.7				1568.1	1569.7
20	mass GHG	18799.3	3.5E-02	0.35					
	CO ₂ e	18799.3	10.6	8.9				18799.7	18818.8
25	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
26	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
27	mass GHG	3340.5	6.3E-03	0.063					
	CO ₂ e	3340.5	1.9	1.6				3340.6	3344.0
28	mass GHG	18799.3	3.5E-02	0.35					
	CO ₂ e	18799.3	10.6	8.9				18799.7	18818.8
30	mass GHG	5281.1	9.96E-03	0.10					
	CO ₂ e	5281.1	3.0	2.5				5281.2	5286.6
31	mass GHG	5281.1	9.96E-03	0.10					
	CO ₂ e	5281.1	3.0	2.5				5281.2	5286.6
32	mass GHG	5281.1	9.96E-03	0.10					
	CO ₂ e	5281.1	3.0	2.5				5281.2	5286.6
33	mass GHG	5281.1	9.96E-03	0.10					
	CO ₂ e	5281.1	3.0	2.5				5281.2	5286.6
34	mass GHG	5281.1	9.96E-03	0.10					
	CO ₂ e	5281.1	3.0	2.5				5281.2	5286.6

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 connected 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.

DCP Operating Company, LP (DCP) submits this Title V significant modification application and accompanying documents for the Artesia Gas Plant (Artesia) to update the existing Title V permit No. 095-R4 as allowed by the NM regulatory requirements of 20.2.70.404. C(1) NMAC. Specifically, the purpose of this application is to update the Title V permit to incorporate the following New Source Review (NSR) changes under NSR permits 434-M10 and 434-M11:

#	Permit No.	Description	Title V Permit Action
1	434-M10R9	Like-kind engine replacement for Unit 27.	Administrative
2	434-M11	Update condensate tank throughput, loading, and fugitive emissions.	Minor Modification
3	434-M11R1	Like-kind engine replacement for Unit 14.	Administrative
4	434-M11R2	Like-kind engine replacement for Unit 32.	Administrative
5	434-M11R3	Minor modification to add NSPS OOOOa in response to an EPA Consent Agreement Final Order.	Minor Modification

The Artesia Gas Plant is a natural gas processing plant, located in Eddy County, New Mexico approximately 13 miles southeast of Artesia. The plant currently operates under NSR Permit 0434-M11 and Title V permit P095-R4. Various processing operations and units at this facility are natural gas compression, gas sweetening unit, dehydration unit, and natural gas liquids extraction unit. Any acid gas routes to an acid gas injection well but can also go to a flare during upset conditions.

This permit application seeks to update Title V Permit P095-R4 to reflect the throughput and equipment changes that have already been authorized as indicated in the table above. For the changes under 434-M11R3, DCP has already accepted applicability under 40 CFR Part 60 Subpart OOOOa, and adds this subpart as an applicable requirement under this permit. The processing rate and permitted emissions at the plant will not change. No new processing equipment or emission sources are being added under this Title V significant permit modification application.

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.

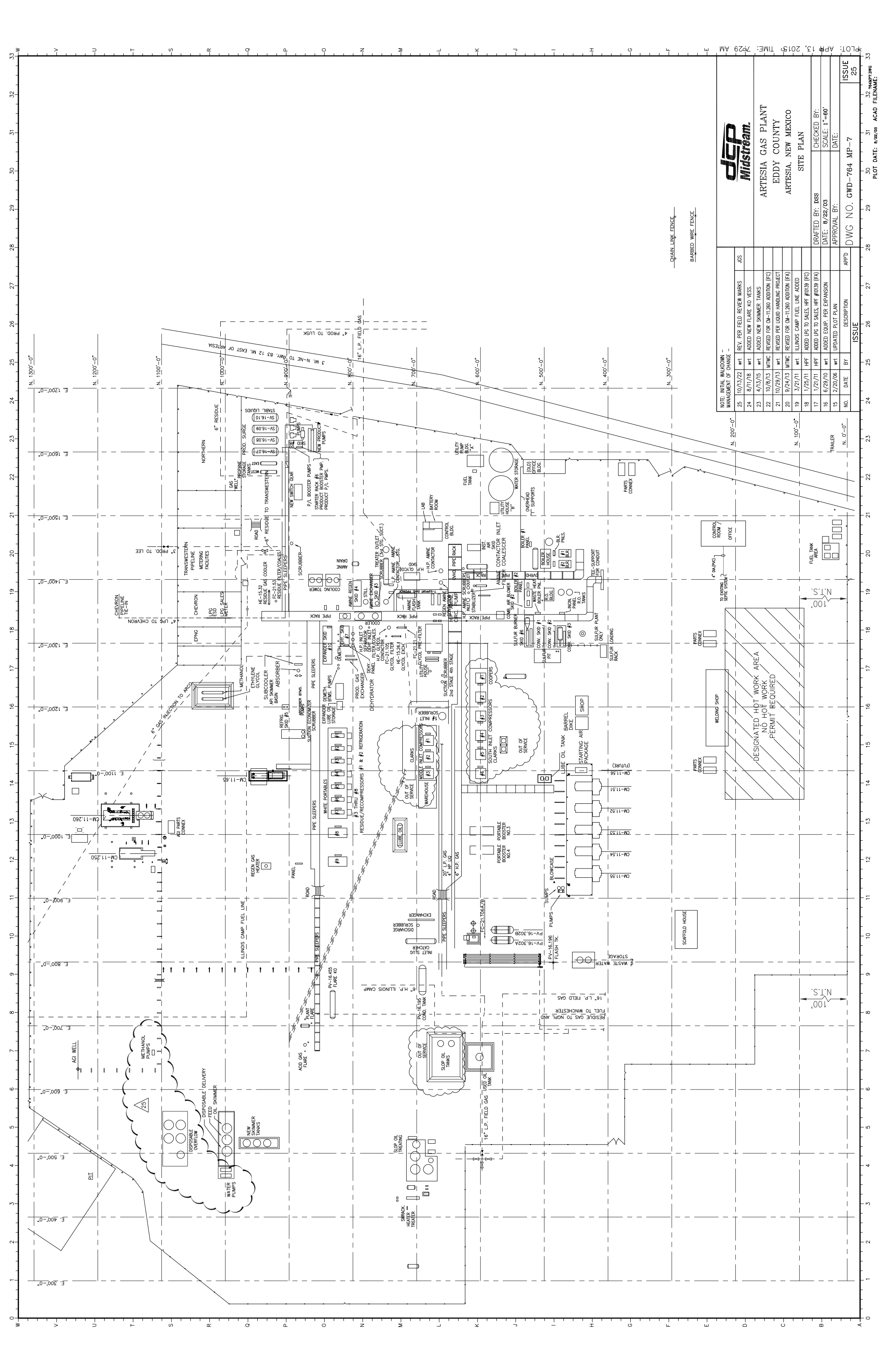
A process flow sheet is included in this section.

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.

A plot plan is included in this section.



ARTESIA GAS PLANT
 EDDY COUNTY
 ARTESIA, NEW MEXICO
 SITE PLAN

DRAFTED BY: DSS
 DATE: 8/22/03
 APPROVAL BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 8/22/03
 SCALE: 1"=60'
 DATE: [Blank]

NO.	DATE	BY	DESCRIPTION	APPROVAL
25	10/13/22	wrt	REV. PER FIELD REVIEW MARKS	JSS
24	8/17/18	wrt	ADDED NEW FLARE KO VESS.	
23	4/13/15	wrt	ADDED NEW SKIMMER TANKS	
22	10/9/13	MTWC	REVISED FOR CM-11260 ADDITION (FC)	
21	10/29/13	wrt	REVISED PER LIQUID HANDLING PROJECT	
20	9/24/13	MTWC	REVISED FOR CM-11260 ADDITION (FA)	
19	3/21/11	wrt	ILLINOIS CAMP FUEL LINE ADDED	
18	1/25/11	HPF	ADDED LPG TO SALES, HPT #0039 (FC)	
17	1/21/11	HPF	ADDED LPG TO SALES, HPT #0039 (FA)	
16	6/29/10	wrt	ADDED EQUIP. PER EXPANSION	
15	2/20/06	wrt	UPDATED PLOT PLAN	
N.O.				

NO.	DATE	BY	DESCRIPTION	APPROVAL
25				

ISSUE

DWG NO. GWD-764 MP-7

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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.

Not Applicable.

As explained in Section 3, DCP is not proposing to make any physical or operational changes to the site that will add new emissions or increase emissions from existing equipment or operations already authorized under existing NSR permits. DCP submits this Title V significant permit modification application to incorporate NSR revisions under the existing NSR permits 434-10R9, 434-M11, 434-M11R1, 434-R11R2, and 434-R11R3.

NSR permits 434-10R9, 434-M11R1, and 434-R11R2 involve updates to engine information resulting from like-kind replacements and will not result in changes to emissions.

NSR permit 434-M11 involved updates to condensate tank throughputs and emission rates, loading emissions, and fugitives which are all included in the tables in this application.

NSR permit 434-M11R3 updates the existing permit allowable emissions in Table 2-E on Form UA2 which includes the fugitive emissions (FUG-1) under Unit Number 38. This table shows that allowable VOC and H₂S emission rates will not change. The only proposed change is adding Subpart OOOOa applicable requirements for all valves, pumps, pressure relief devices, open-ended valves or lines, flanges or other connectors (the "equipment") in each of the process units at the Artesia Gas Plant into the existing NSR permit.

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)

Not Applicable. Green House Gas (GHG) emissions are included in Table 2-P in Form UA2. There will be no changes to the existing NSR permit GHG emissions.

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.
-

Not Applicable. This application does not propose to make changes that require additional emission calculation information.

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	

A topographic map is included in this section.



3625000N

3624000N

572000E

573000E

574000E

575000E

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Source: Google Maps Imagery
 Zone: 13
 Coordinate Datum: NAD 83

DCP Operating Company LP
Artesia Gas Plant Area Map
 EOSolutions

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”)

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. A copy of the certified letter receipts with post marks (20.2.72.203.B NMAC)
2. 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. A copy of the property tax record (20.2.72.203.B NMAC).
4. A sample of the letters sent to the owners of record.
5. A sample of the letters sent to counties, municipalities, and Indian tribes.
6. A sample of the public notice posted and a verification of the local postings.
7. A table of the noticed citizens, counties, municipalities and tribes and to whom the notices were sent in each group.
8. A copy of the public service announcement (PSA) sent to a local radio station and documentary proof of submittal.
9. 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. 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. 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.

NA – This application is being submitted under 20.2.70 NMAC, Operating Permits.

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.

DCP's Artesia Gas Plant is a natural gas processing plant that sweetens and recovers liquids from sour natural gas. Artesia has a permitted throughput of 100 MMscf of natural gas per day which will not change as a result of this permit application submittal.

As shown on the block flow diagram in Section 4, there are two types of sour natural gas sources entering the Artesia Plant: low pressure (LP) and high pressure (HP). Liquids are separated from the field gas and sent to a slop oil tank. The liquids are then further separated in the tank. Subsequently, the oil is sent to a storage tank and the water to the disposal system. The liquids from the HP receiver are routed to the existing stabilizer system. This stabilizer system consists of a feed tank for primary separation of water, hydrocarbon condensate, and gas, a stabilizer that heats the hydrocarbon liquid to reduce the vapor pressure of the liquid, and associated equipment. The stabilized condensate is then sent to a storage tank (TK-C). Unit TK-C is a condensate storage tank with blanket gas. Residue gas is used as blanket gas within the tank because it creates an anaerobic environment in the vapor space and also prevents working and breathing emissions. The blanket gas is then combusted by the wet flare, Unit 22. Water from the feed tank is routed to the disposal system and gas is routed to the low-pressure receiver. There are two 500 bbl offload tanks (TK-48 and 49), one free water knockout, one heater treater, and one 500 bbl sales tank (TK-50) to remove water from field liquids. The crude oil is removed from the facility by trucks. The combined low-pressure inlet gas is then compressed to high pressure using compressor Unit 25, 26, 30-34, or 39. Utilities for the compressor units include jacket cooling water and lube oil storage.

The compressed gas combines with the high-pressure inlet gas from the HP receiver system and is sent to the amine system for sweetening. An inlet coalescer removes liquids. The sweetening process occurs in the high-pressure contactor and uses an amine/water solution which is primarily methyldiethanol amine (MDEA) for removal of hydrogen sulfide and carbon dioxide from the gas. The rich amine is then regenerated using steam heat from the steam boilers (EU 20 and 28). Boiler treatment chemicals used in the steam system are stored in auxiliary storage tanks.

The regenerated or lean amine is then pumped back to the contactor vessel for continued sweetening of the gas. All treating is consolidated in a high-pressure (HP) contactor for efficiency and process simplification, removing the low-pressure contactor and associated equipment from service. The MDEA supply for the amine system is stored in TK-12.

There are two gas streams out of the amine regeneration system. The first is the flash gas, which is a sour hydrocarbon gas stream. This stream is routed back to the LP receiver for recompression. The HP gas stream is the acid gas product consisting of hydrogen sulfide, carbon dioxide, some hydrocarbons, and water. The acid gas enters the acid gas injection (AGI) system that compresses the acid gas from the amine system to reservoir pressure and injects it back into the Devonian formation. SO₂ emissions from the AGI are essentially zero except during shutdowns of the acid gas injection system when the acid gas must be flared (Unit 23).

The overhead gas from the HP contactor is sweet gas. The sweet gas is next dehydrated in two process steps. The first step uses contact with triethylene glycol (TEG) in a contactor vessel to remove the majority of the water. The pressure on the rich TEG from the contactor is reduced and flash gas evolving from the TEG flash tank returns to low-pressure (LP) compression. The rich TEG is then regenerated with steam heat, and the regenerated or lean TEG is then pumped back to the glycol contactor. The steam from the TEG regenerator, which contains various hydrocarbons including BTEX, is compressed in a vapor recovery unit and returned to LP compression.

The second dehydration step uses molecular sieve to remove the rest of the water. The system has three process vessels containing molecular sieves that operate in succession. While one vessel is on-line removing water from the gas in an adsorption process the second vessel is off-line being thermally regenerated with hot gas to remove water. The third molecular sieve vessel is available as a backup so that two vessels can be on-line drying the gas while the third is being regenerated. The regeneration gas is heated in the regeneration gas heater (Unit 19). A filter-coalescer removes entrained liquids upstream of the

molecular sieve system. A gas cooler uses cooling water from the plant cooling water system to cool the gas. Gas leaving the mol sieve dehydrator will enter the glycol dehydrator (Unit Dehy-2). The gas leaving the glycol dehydrator will then be routed to the residue sales line.

The dry gas is then further cooled in the expander plant for recovery of natural gas liquids (NGL). This process was reconfigured in an enhanced Gas Subcooled Process (GSP) update to replace two expander-compressors with a single larger unit. The GSP process previously added two new heat exchangers, an absorber column, and absorber column pumps. NGL from the expander plant is pumped to storage (TK-31, 32, 33, and 34).

Some of the gas chilling in the expander process is provided by a propane refrigeration system. This system uses two engine-driven refrigeration compressors (Units 10 and 11) for energy to reject heat from the process. The propane for the refrigeration system is stored on-site (Units TK – 35 and 36). The remaining natural gas or residue gas is reheated in the expander process and sent to the recompression system. The gas is compressed back to high pressure by recompression units, which are engine-driven units (existing Units 12-17 and 27). A portion of the residue gas is used as regeneration gas in the molecular sieve system and then returned to the residue system. Some of the residue gas is used as fuel for the compressor engines and heaters.

There are no changes to the Artesia Gas Plant's operations equipment or emissions resulting from this Title V significant modification beyond what has already been indicated in Section 3 of this permit application.

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):

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)

NA – This application is being submitted under 20.2.70 NMAC, Operating Permits.

Section 13

Determination of State & Federal Air Quality Regulations

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

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

Required Information for Specific Equipment:

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

Required Information for Regulations that Apply to the Entire Facility:

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

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

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

Regulatory Citations for Emission Standards:

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

Federally Enforceable Conditions:

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

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

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

Table for State Regulations:

<u>State Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.1 NMAC	General Provisions	Yes	Facility	General Provisions apply to Notice of Intent, Construction, and Title V permit applications.
20.2.3 NMAC	Ambient Air Quality Standards NMAAQS	Yes	Facility	20.2.3 NMAC is a State Implementation Plan (SIP) approved regulation that limits the maximum allowable concentration of, Sulfur Compounds, Carbon Monoxide and Nitrogen Dioxide. The TSP NM ambient air quality standard was repealed by the EIB effective November 30, 2018.
20.2.7 NMAC	Excess Emissions	Yes	Facility	If your entire facility or individual pieces of equipment are subject to emissions limits in a permit or numerical emissions standards in a federal or state regulation, this applies.
20.2.23 NMAC	Fugitive Dust Control	No	Facility	Facility is subject to a permit issued pursuant to the NM Air Quality Control Act (20.2.23.108.B NMAC).
20.2.33 NMAC	Gas Burning Equipment - Nitrogen Dioxide	No	N/A	This facility does not have existing gas burning equipment having a heat input of greater than 1 million British Thermal Units per year per unit. The facility is not subject to this regulation and does not have emission sources that meet the applicability requirements under 20.2.33.108 NMAC.
20.2.34 NMAC	Oil Burning Equipment: NO ₂	No	N/A	This facility does not have oil burning equipment having a heat input of greater than 1 million British Thermal Units per year per unit. The facility is not subject to this regulation and does not have emission sources that meet the applicability requirements under 20.2.34.108 NMAC.
20.2.35 NMAC	Natural Gas Processing Plant – Sulfur	No	N/A	AQB determined that 20.2.35 NMAC does not apply to facilities that control sulfur emissions with AGI. See AQB Memorandum dated March 4, 2016.
20.2.37 and 20.2.36 NMAC	Petroleum Processing Facilities and Petroleum Refineries	N/A	N/A	These regulations were repealed by the Environmental Improvement Board. If you had equipment subject to 20.2.37 NMAC before the repeal, your combustion emission sources are now subject to 20.2.61 NMAC.
20.2.38 NMAC	Hydrocarbon Storage Facility	Yes	TK-48, TK-49, TK-50	The purpose of this regulation is to minimize hydrogen sulfide emissions from hydrocarbon storage facilities. Tanks TK-48, TK-49, and TK-50 meet the capacity and throughput requirements of this regulation and are therefore subject. These units comply by controlling emissions with a VRU. TK-C, TK-51, and GT-1 have capacities less than 20,000-gallon threshold and are therefore not subject to this regulation.
20.2.39 NMAC	Sulfur Recovery Plant - Sulfur	No	N/A	This regulation establishes sulfur emission standards for sulfur recovery plants which are not part of petroleum or natural gas processing facilities. This regulation does not apply to the facility because Artesia Gas Plant does not have a sulfur recovery plant.
20.2.50 NMAC	Oil and Gas Sector – Ozone Precursor Pollutants	Yes	Facility	This regulation establishes emission standards for volatile organic compounds (VOC) and oxides of nitrogen (NOx) for oil and gas production, processing, compression, and transmission sources. 20.2.50 NMAC subparts below: Include the construction status of applicable units as “New”, “Existing”, “Relocation of Existing”, or “Reconstructed” as defined by this Part in your justification: Check the box for the subparts that are applicable: <input checked="" type="checkbox"/> 113 – Engines and Turbines (Existing 39) <input checked="" type="checkbox"/> 114 – Compressor Seals 10, 11, 13, 14, 15, 16, 17, 27A, 30, 31a, 32a, 33, 34, & 39) <input type="checkbox"/> 115 – Control Devices and Closed Vent Systems <input checked="" type="checkbox"/> 116 – Equipment Leaks and Fugitive Emissions (Existing) <input type="checkbox"/> 117 – Natural Gas Well Liquid Unloading <input type="checkbox"/> 118 – Glycol Dehydrators <input checked="" type="checkbox"/> 119 – Heaters (Existing 20 and 28) <input checked="" type="checkbox"/> 120 – Hydrocarbon Liquid Transfers (Existing Unit LOAD-1)

<u>State Regulation Citation</u>	<u>Title</u>	<u>Applies? Enter Yes or No</u>	<u>Unit(s) or Facility</u>	<u>Justification: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)</u>
				<input type="checkbox"/> 121 – Pig Launching and Receiving <input type="checkbox"/> 122 – Pneumatic Controllers and Pumps <input type="checkbox"/> 123 – Storage Vessels <input type="checkbox"/> 124 – Well Workovers <input type="checkbox"/> 125 – Small Business Facilities <input type="checkbox"/> 126 – Produced Water Management Unit <input type="checkbox"/> 127 – Flowback Vessels and Preproduction Operations
20.2.61.109 NMAC	Smoke & Visible Emissions	Yes	Facility	This regulation that limits opacity to 20% applies to Stationary Combustion Equipment, such as engines, boilers, heaters, and flares unless your equipment is subject to another state regulation that limits particulate matter such as 20.2.19 NMAC (see 20.2.61.109 NMAC). This facility was subject to the repealed regulation 20.2.37 NMAC; therefore, it is now subject to 20.2.61 NMAC.
20.2.70 NMAC	Operating Permits	Yes	Facility	This regulation establishes requirements for obtaining an operating permit. This facility is a major source of NOx, CO, and VOC and complies by operating under Title V Permit P095-R4.
20.2.71 NMAC	Operating Permit Fees	Yes	Facility	This regulation establishes a schedule of operating permit emission fees. The facility is subject to 20.2.70 NMAC and is therefore subject to requirements of this regulation.
20.2.72 NMAC	Construction Permits	Yes	Facility	This regulation establishes the requirements for obtaining a construction permit. The facility is a stationary source that has potential emission rates great than 10 pounds per hour or 25 tons per year of any regulated air contaminant for which there is a National or New Mexico Air Quality Standard. The facility has a construction permit (NSR Permit) 0434-M11 to meet the requirements of this regulation.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	This regulation establishes emission inventory requirements. The facility meets the applicability requirements of 20.2.73.300 NMAC. The facility will meet all applicable reporting requirements under 20.2.73.300.B.1 NMAC.
20.2.74 NMAC	Permits – Prevention of Significant Deterioration (PSD)	Yes	Facility	This regulation establishes requirements for obtaining a PSD permit. This facility is a major source for PSD purposes and is in compliance with the applicable requirements of this regulation.
20.2.75 NMAC	Construction Permit Fees	No	N/A	This regulation establishes the guidelines and requirements for construction permitting fees. This facility is subject to 20.2.72 NMAC and is in turn subject to 20.2.75 NMAC. This facility is exempt from annual fees under this part (20.2.75.11.E NMAC) as it is subject to fees pursuant to 20.2.71 NMAC. This submittal is not a construction permit or NSR permit revision application.
20.2.77 NMAC	New Source Performance	Yes	31, 32, 38 (FUG-1), TK-48, TK-49, TK-50	These units are stationary sources which are subject to the requirements of 40 CFR Part 60, as amended through September 23, 2013. These units are subject to NSPS Subparts A, Kb, KKK, JJJJ, and OOOOa.
20.2.78 NMAC	Emission Standards for HAPS	Yes (Potentially)	Facility	This regulation applies to all sources subject to a 40 CFR 60 regulation, as amended through January 15, 2017. Although this standard does not apply to this facility under routine operating conditions, in the case of asbestos demolition, Subpart M would apply.
20.2.79 NMAC	Permits – Nonattainment Areas	No	N/A	This regulation establishes the requirements for obtaining a nonattainment area permit. The facility is located in an attainment area and, therefore, is not subject to this regulation.
20.2.80 NMAC	Stack Heights	No	N/A	This regulation establishes requirements for the evaluation of stack heights and other dispersion techniques. This regulation does not apply as all stacks at the facility follow good engineering practice.
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	Dehy, Dehy-2, 10 – 17, 25 – 27,	This regulation applies to all sources emitting hazardous air pollutants, which are subject to the requirements of 40 CFR Part 63, as amended through August 29, 2013. MACT Subparts HH and ZZZZ apply.

<u>State Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
			30 – 34, 39	

Table for Applicable Federal Regulations (Note: This is not an exhaustive list):

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
40 CFR 50	NAAQS	Yes	Facility	This regulation defines national ambient air quality standards. The facility meets all applicable national ambient air quality standards for NO _x , CO, SO ₂ , PM ₁₀ , and PM _{2.5} under this regulation.
NSPS 40 CFR 60, Subpart A	General Provisions	Yes	31, 32, 38 (FUG-1), TK-48, TK-49, TK-50	This regulation defines general provisions for relevant standards that have been set under this part. This subpart applies as Subparts Kb, KKK, and JJJ are applicable.
NSPS 40 CFR60.40a, Subpart Da	Subpart Da, Performance Standards for Electric Utility Steam Generating Units	No	N/A	This regulation establishes standards of performance for electric utility steam generating units. This regulation does not apply because the facility does not operate any electric utility steam generating units.
NSPS 40 CFR60.40b Subpart Db	Electric Utility Steam Generating Units	No	N/A	This regulation establishes standards of performance for industrial-commercial-institutional steam generating units. This regulation does not apply because the facility does not operate any industrial-commercial-institutional steam generating units.
40 CFR 60.40c, Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	No	N/A	Applicability: facility has steam generating units for which construction, modification or reconstruction is commenced after June 9, 1989 and that have a maximum design heat input capacity of 29 MW (100 MMBtu/hr) or less, but greater than or equal to 2.9 MW (10 MMBtu/hr). Units 19 and 40 have a heat rate capacity less than 10 MMBtu/hr Unit 20 and Unit 28 are 36 MMBtu/hr but have construction dates prior to applicability date of June 9, 1989.
NSPS 40 CFR 60, Subpart Ka	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	No	N/A	This regulation establishes performance standards for storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. There are no petroleum liquid storage vessels which commenced construction, reconstruction, or modification after May 18, 1978, and prior to July 23, 1984. Accordingly, this regulation does not apply.
NSPS 40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction,	Yes	TK-48, TK-49, TK-50	This regulation establishes performance standards for storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984. This facility has storage vessels, TK-48, 49, and 50, each with a capacity greater than or equal to 75 cubic meters that are used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification commenced after July 23, 1984. Units TK-51 and GT-1 have capacities less than 75 cubic meters and are therefore not subject to the requirements of this regulation. Unit TK-C has a capacity less than 1,589.874 cubic meters and is used for petroleum or condensate stored, processed, or treated prior to custody transfer; and is therefore not subject to the requirements of this regulation.

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
	Reconstruction, or Modification Commenced After July 23, 1984			
NSPS 40 CFR 60.330 Subpart GG	Stationary Gas Turbines	No	N/A	This regulation establishes standards of performance for stationary gas turbines with a heat input at a peak load equal to or greater than 10 MMBtu/hr based on the lower heating value of the fuel fired and have commenced construction, modification, or reconstruction after October 3, 1977. This regulation is not applicable as this facility does not have any stationary gas turbines.
NSPS 40 CFR 60, Subpart KKK	Leaks of VOC from Onshore Gas Plants	Yes	38 (FUG-1)	This regulation defines standards of performance for equipment leaks of VOC emissions from onshore natural gas processing plants for which construction, reconstruction, or modification commenced after January 20, 1984, and on or before August 23, 2011. Any affected facility under paragraph (a) of this section that commences construction, reconstruction, or modification after January 20, 1984, is subject to the requirements of this subpart. The group of all equipment (each pump, pressure relief device, open-ended valve or line, valve, compressor, and flange or other connector that is in VOC service or in wet gas service, and any device or system required by this subpart) except compressors (defined in § 60.631) within a process unit is an affected facility. A compressor station, dehydration unit, sweetening unit, underground storage tank, field gas gathering system, or liquefied natural gas unit is covered by this subpart if it is located at an onshore natural gas processing plant. If the unit is not located at the plant site, then it is exempt from the provisions of this subpart.
NSPS 40 CFR Part 60 Subpart LLL	Standards of Performance for Onshore Natural Gas Processing: SO₂ Emissions	No	N/A	This regulation establishes standards of performance for SO ₂ emissions from onshore natural gas processing for which construction, reconstruction, or modification of the amine sweetening unit commenced after January 20, 1984 and on or before August 23, 2011. This regulation is not applicable. The facility does have an affected facility (amine treater), but pursuant to 60.640(e) the provisions of this subpart do not apply as produced acid gas is completely re-injected into oil or gas bearing geologic strata via the AGI well.
NSPS 40 CFR Part 60 Subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution for which construction, modification or reconstruction commenced after August 23, 2011 and before September 18, 2015	No	N/A	This facility was constructed prior to August 23, 2011 (40 CFR 60.5365), and has no affected facilities that were constructed or modified between August 23, 2011 and April 18, 2015.
NSPS 40 CFR Part 60 Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Yes	38 (FUG-1)	This regulation establishes standards of performance for crude oil and natural gas production, transmission and distribution. The facility has affected facilities that have been modified or reconstructed after September 18, 2015 or before December 6, 2022 . The proposed modification involves integrating the applicability of the federal emission standards outlined in NSPS OOOOa for fugitive emission sources into the gas plant's New Source Review (NSR) permit. Specifically, 40 CFR §60.5400(a) and §60.482-1a, 2a, 4a, 5a, 6a, 7a, and 8a.
NSPS 40 CFR Part 60 Subpart OOOOb	Standards of Performance for Crude Oil and Natural Gas Facilities for which	No	N/A	This regulation establishes standards of performance for crude oil and natural gas production, transmission and distribution. The tanks at this facility have the potential to emit less than 6 tpy and therefore are not subject to this regulation.

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
	Construction, Modification or Reconstruction Commenced After December 6, 2022			
NSPS 40 CFR 60 Subpart IIII	Standards of performance for Stationary Compression Ignition Internal Combustion Engines	No	N/A	The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) as specified in paragraphs (a)(1) through (3) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator. There are no CI engines at the facility.
NSPS 40 CFR Part 60 Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Yes	31, 32	The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary spark ignition (SI) internal combustion engines (ICE) as specified in paragraphs (a)(1) through (5) of section 60.4230. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator. Units 31 and 32 were constructed after June 12, 2006 and manufactured after July 1, 2007 so are subject. See 40 CFR 60(a)(4) and (4)(i). Units 31 and 32 are subject to emission standards at 60.4233(e) Table 1. All other SI RICE were either constructed before 2006 or manufactured before July 1, 2007, and are not subject to this subpart.
NSPS 40 CFR Part 60 Subpart KKKK	Standards of Performance for Stationary Combustion Turbines	No	N/A	This plant does not have any affected facilities; therefore, this subpart does not apply.
NSPS 40 CFR 60 Subpart TTTT	Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units	No	N/A	This plant does not have any affected facilities; therefore, this subpart does not apply.
NSPS 40 CFR 60 Subpart UUUU	Emissions Guidelines for Greenhouse Gas Emissions and Compliance Times for Electric Utility Generating Units	No	N/A	This plant does not have any affected facilities; therefore, this subpart does not apply.
NSPS 40 CFR 60, Subparts WWW, XXX, Cc, and Cf	Standards of performance for Municipal Solid Waste (MSW) Landfills	No	N/A	This facility does not have any affected equipment; therefore, this subpart does not apply.
NESHAP 40 CFR 61 Subpart A	General Provisions	Potentially	N/A	This part applies to the owner or operator of any stationary source for which a standard is prescribed under this part. There is one potentially applicable NESHAP. (See discussion of 40 CFR 61, part M below.)
NESHAP 40 CFR 61 Subpart E	National Emission Standards for Mercury	No	N/A	The provisions of this subpart are applicable to those stationary sources which process mercury ore to recover mercury, use mercury chlor-alkali cells to produce chlorine gas and alkali metal hydroxide, and incinerate or dry wastewater treatment plant sludge. These activities do not occur at Artesia Gas Plant.

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
NESHAP 40 CFR 61 Subpart M	National Emission Standards for Asbestos	Potentially	N/A	Although this standard does not apply to this facility under routine operating conditions, in the case of asbestos demolition, Subpart M would apply.
NESHAP 40 CFR 61 Subpart V	National Emission Standards for Equipment Leaks (Fugitive Emission Sources)	No	N/A	The provisions of this subpart apply to each of the following sources that are intended to operate in volatile hazardous air pollutant (VHAP) service: pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, and control devices or systems required by this subpart. VHAP service means a piece of equipment either contains or contacts a fluid (liquid or gas) that is at least 10 percent by weight of VHAP. VHAP means a substance regulated under this subpart for which a standard for equipment leaks of the substance has been promulgated. Benzene is a VHAP (See 40 CFR 61 Subpart J). Artesia does not have equipment in VHAP service as determined according to the provisions of §61.245(d).
MACT 40 CFR 63, Subpart A	General Provisions	Yes	Dehy, Dehy-2, 10 – 17, 25 – 27, 30 – 34, 39	This regulation defines general provisions for relevant standards that have been set under this part. This regulation applies as MACT Subparts HH and ZZZZ apply.
MAC T 40 CFR 63.760 Subpart HH	Oil and Natural Gas Production Facilities	Yes	Dehy, Dehy-2	The glycol dehydrator (unit Dehy) at the Artesia Plant is a closed system with flash and regeneration gases routed to inlet compression for recycling thus meeting the requirements of this part. The ancillary equipment associated with this unit are subject to NSPS KKK and have no requirements under subpart HH. The glycol dehydrator (unit Dehy-2) that was added to the facility is a closed system and has a condenser and reboiler associated with the unit. Gas that is leaving the mol sieve dehydrator will enter the glycol dehydrator. Gas leaving the dehydrator will be routed to the residue gas line.
MACT 40 CFR 63 Subpart HHH	National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities	No	N/A	This regulation establishes national emission standards for hazardous air pollutants from natural gas transmission and storage facilities. This regulation does not apply because this facility is not a natural gas transmission or storage facility as defined in this regulation [40 CFR Part 63.1270(a)]. This facility is also not a major source of HAPs.
MACT 40 CFR 63 Subpart DDDDD	National Emission Standards for Hazardous Air Pollutants for Major Industrial, Commercial, and Institutional Boilers & Process Heaters	No	N/A	Facility is subject to this subpart if it owns or operates an industrial, commercial, or institutional boiler or process heater as defined in §63.7575 that is located at, or is part of, a major source of HAP as defined in §63.2 or §63.761 (40 CFR part 63, subpart HH, National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities), except as specified in §63.7491. This facility is not a major source of HAP.
MACT 40 CFR 63 Subpart UUUUU	National Emission Standards for Hazardous Air Pollutants Coal & Oil Fire Electric Utility Steam Generating Unit	No	N/A	This subpart establishes national emission limitations and work practice standards for hazardous air pollutants (HAP) emitted from coal- and oil-fired electric utility steam generating units (EGUs) as defined in § 63.10042 of this subpart. This facility does not have any coal- and oil-fired electric utility steam generating units (EGUs) as defined in this subpart. This regulation does not apply.
MACT 40 CFR 63 Subpart YYYY	National Emissions Standards for Hazardous Air Pollutants for Stationary Combustion Turbines	No	N/A	Subpart YYYY establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emissions from stationary combustion turbines located at major sources of HAP emissions, and requirements to demonstrate initial and continuous compliance with the emission and operating limitations. This facility does not have any affected equipment; therefore, this subpart does not apply. This facility is not a major source of HAP.

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
MACT 40 CFR 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE MACT)	Yes	10 – 17, 25 – 27, 30 – 34, 39	This regulation defines national emissions standards for HAPs for stationary reciprocating Internal Combustion Engines. Units 10, 31, 32, and 39 are new units at an area source of HAPs and subject to MACT ZZZZ, but pursuant to 63.6590(c), have no further requirements under this part by virtue of meeting the requirements under 40 CFR 60, Subpart JJJJ (if they are subject to NSPS JJJJ). As Units 10 and 39 are not subject to NSPS JJJJ, they have no requirements under NSPS JJJJ or MACT ZZZZ. All other stationary RICE are existing units at an area source of HAPS and subject to MACT ZZZZ. Pursuant to 40 CFR 63.6595(a), these units must comply with applicable emission limitation and operating limitations no later than October 19, 2013.
40 CFR 64	Compliance Assurance Monitoring	Yes	Amine-RS, Amine-C, AGI Well, 23, 10 – 17, 25 – 27, 30 – 34, 39	This regulation defines compliance assurance monitoring. In general terms, a CAM-affected unit must: <ul style="list-style-type: none"> •Be at a major source that is required to obtain a part 70 or 71 permit; •Be subject to an emission limit for a pollutant; •Use a control device to achieve compliance with that limit; and •Have a pre-control potential to emit that pollutant greater than major source level. This regulation applies to the Amine-RS (regeneration still) and Amine-C (contactor) and controlled by an AGI well and Flare Unit 23 (Acid Gas Flare). Amine unit flash tank emissions are not subject since they are routed back to the low-pressure receiver. Per 64.1 definitions, this is not considered a control device subject to this part. Stationary RICE Units 10 through 17, 25 through 27, 30-34, and 39 are CAM affected units.
40 CFR 68	Chemical Accident Prevention	Yes	Facility	The facility is an affected facility as it has quantities of materials regulated by 40 CFR Part 68 that are in excess of the triggering threshold. The facility maintains a current RMP for these chemicals.
Title IV – Acid Rain 40 CFR 72	Acid Rain	No	N/A	This part establishes the acid rain program. This part does not apply because the facility is not covered by this regulation [40 CFR Part 72.6].
Title IV – Acid Rain 40 CFR 73	Sulfur Dioxide Allowance Emissions	No	N/A	This part establishes the acid rain program. This part does not apply because the facility is not covered by this regulation.
Title IV- Acid Rain 40 CFR 75	Continuous Emissions Monitoring	No	N/A	This part establishes the acid rain program. This part does not apply because the facility is not covered by this regulation.
Title IV – Acid Rain 40 CFR 76	Acid Rain Nitrogen Oxides Emission Reduction Program	No	N/A	This regulation establishes an acid rain nitrogen oxides emission reduction program. This regulation applies to each coal-fired utility unit that is subject to an acid rain emissions limitation or reduction requirement for SO ₂ . This part does not apply because the facility does not operate any coal-fired units [40 CFR Part 76.1].
Title VI – 40 CFR 82	Protection of Stratospheric Ozone	Yes	Facility	DCP owns appliances containing CFCs and is therefore subject to this requirement. DCP uses only certified technicians for the maintenance, service, repair and disposal of appliances and maintains the appropriate records for this requirement. Note: Disposal definition in 82.152: Disposal means the process leading to and including: (1) The discharge, deposit, dumping or placing of any discarded appliance into or on any land or water; (2) The disassembly of any appliance for discharge, deposit, dumping or placing of its discarded component parts into or on any land or water; or (3) The disassembly of any appliance for reuse of its component parts. “Major maintenance, service, or repair means” any maintenance,

<u>Federal Regulation Citation</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	Justification:
				service, or repair that involves the removal of any or all of the following appliance components: compressor, condenser, evaporator, or auxiliary heat exchange coil; or any maintenance, service, or repair that involves uncovering an opening of more than four (4) square inches of “flow area” for more than 15 minutes.
CAA Section 112(r)	Chemical Accident Prevention Provisions	Yes	Facility	Artesia is subject to the chemical accident prevention provisions of the Clean Air Act.

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.
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Artesia GP is in the process of developing an Operational Plan to mitigate emissions during Startups, Shutdowns, and Emergencies.

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.

The term “alternative operating scenario” is not defined by regulation. DCP understands this term to apply to a source which may routinely operate with alternative fuels or processes in such a manner as to potentially affect emissions. Based on this understanding, this facility has no alternative operating scenarios.

Units at the facility may be shut down from time to time due to factors including but not limited to market demand, maintenance, malfunctions, and emergency shutdowns. Operating in alternative modes and temporary shutdowns are not alternative operating scenarios as DCP understands the term.

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.	
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
10	NMED Periodic (Quarterly) Test	1/29/2024
11	NMED Periodic (Quarterly) Test	1/29/2024
12	NMED Periodic (Quarterly) Test	1/29/2024
13	NMED Periodic (Quarterly) Test	1/31/2024
14	NMED Periodic (Quarterly) Test	1/29/2024
15	NMED Periodic (Quarterly) Test	1/31/2024
16	NMED Periodic (Quarterly) Test	1/31/2024
27	NMED Periodic (Quarterly) Test	1/31/2024
30	NMED Periodic (Quarterly) Test	2/1/2024
31	NMED Periodic (Quarterly) Test	2/1/2024
34	NMED Periodic (Quarterly) Test	2/1/2024
39	NMED Periodic (Quarterly) Test	2/1/2024
32	NMED Periodic (Quarterly) Test	3/14/2024
33	NMED Periodic (Quarterly) Test	3/14/2024
17	NMED Periodic (Quarterly) Test	3/14/2024
30	NMED Periodic (Quarterly) Test	4/1/2024
31	NMED Periodic (Quarterly) Test	4/1/2024
34	NMED Periodic (Quarterly) Test	4/1/2024
10	NMED Periodic (Quarterly) Test	4/2/2024
32	NMED Periodic (Quarterly) Test	4/2/2024
33	NMED Periodic (Quarterly) Test	4/2/2024
39	NMED Periodic (Quarterly) Test	4/3/2024
11	NMED Periodic (Quarterly) Test	4/3/2024
12	NMED Periodic (Quarterly) Test	4/3/2024
13	NMED Periodic (Quarterly) Test	4/3/2024
16	NMED Periodic (Quarterly) Test	4/3/2024
17	NMED Periodic (Quarterly) Test	4/3/2024
27	NMED Periodic (Quarterly) Test	4/3/2024

14	NMED Periodic (Quarterly) Test	6/12/2024
15	NMED Periodic (Quarterly) Test	6/12/2024
30	NMED Periodic (Quarterly) Test	7/8/2024
34	NMED Periodic (Quarterly) Test	7/8/2024
10	NMED Periodic (Quarterly) Test	7/8/2024
11	NMED Periodic (Quarterly) Test	7/8/2024
13	NMED Periodic (Quarterly) Test	7/8/2024
39	NMED Periodic (Quarterly) Test	7/9/2024
14	NMED Periodic (Quarterly) Test	7/9/2024
15	NMED Periodic (Quarterly) Test	7/9/2024
12	NMED Periodic (Quarterly) Test	7/9/2024
17	NMED Periodic (Quarterly) Test	7/9/2024
16	NMED Periodic (Quarterly) Test	7/10/2024
27	NMED Periodic (Quarterly) Test	8/20/2024
31	NMED Periodic (Quarterly) Test	8/20/2024
33	NMED Periodic (Quarterly) Test	8/23/2024
34	NMED Periodic (Quarterly) Test	10/7/2024
33	NMED Periodic (Quarterly) Test	10/7/2024
31	NMED Periodic (Quarterly) Test	10/7/2024
30	NMED Periodic (Quarterly) Test	10/7/2024
10	NMED Periodic (Quarterly) Test	10/8/2024
11	NMED Periodic (Quarterly) Test	10/9/2024
15	NMED Periodic (Quarterly) Test	10/10/2024
27	NMED Periodic (Quarterly) Test	10/11/2024
39	NMED Periodic (Quarterly) Test	10/11/2024
16	NMED Periodic (Quarterly) Test	10/11/2024
12	NMED Periodic (Quarterly) Test	10/11/2024
13	NMED Periodic (Quarterly) Test	10/11/2024
14	NMED Periodic (Quarterly) Test	10/11/2024

Section 19

Requirements for Title V Program

Who Must Use this Attachment:

- * Any major source as defined in 20.2.70 NMAC.
 - * Any source, including an area source, subject to a standard or other requirement promulgated under Section 111 - Standards of Performance for New Stationary Sources, or Section 112 Hazardous Air Pollutants, of the 1990 federal Clean Air Act ("federal Act"). Non-major sources subject to Sections 111 or 112 of the federal Act are exempt from the obligation to obtain a 20.2.70 NMAC operating permit until such time that the EPA Administrator completes rulemakings that require such sources to obtain operating permits. In addition, sources that would be required to obtain an operating permit solely because they are subject to regulations or requirements under Section 112(r) of the federal Act are exempt from the requirement to obtain an Operating Permit.
 - * Any Acid Rain source as defined under title IV of the federal Act. The Acid Rain program has additional forms. See www.env.nm.gov/air-quality/air-quality-title-v-operating-permits-guidance-page/. Sources that are subject to both the Title V and Acid Rain regulations are encouraged to submit both applications simultaneously.
 - * Any source in a source category designated by the EPA Administrator ("Administrator"), in whole or in part, by regulation, after notice and comment.
-

19.1 - 40 CFR 64, Compliance Assurance Monitoring (CAM) (20.2.70.300.D.10.e NMAC)

Any source subject to 40CFR, Part 64 (Compliance Assurance Monitoring) must submit all the information required by section 64.7 with the operating permit application. The applicant must prepare a separate section of the application package for this purpose; if the information is already listed elsewhere in the application package, make reference to that location. Facilities not subject to Part 64 are invited to submit periodic monitoring protocols with the application to help the AQB to comply with 20.2.70 NMAC. Sources subject to 40 CFR Part 64, must submit a statement indicating your source's compliance status with any enhanced monitoring and compliance certification requirements of the federal Act.

Applicable. The Amine-RS (regeneration still) and Amine-C (contactor), Unit AGI Well, Units 10 – 17, 23, 25 – 27, 30 – 34, and 39 are subject to this part and has monitoring conditions specified in Operating Permit P095-R4.

19.2 - Compliance Status (20.2.70.300.D.10.a & 10.b NMAC)

Describe the facility's compliance status with each applicable requirement at the time this permit application is submitted. This statement should include descriptions of or references to all methods used for determining compliance. This statement should include descriptions of monitoring, recordkeeping and reporting requirements and test methods used to determine compliance with all applicable requirements. Refer to Section 2, Tables 2-N and 2-O of the Application Form as necessary. (20.2.70.300.D.11 NMAC) For facilities with existing Title V permits, refer to most recent Compliance Certification for existing requirements. Address new requirements such as CAM, here, including steps being taken to achieve compliance.

Based on information and belief formed after reasonable inquiry, DCP believes that the Artesia Gas Plant is in compliance with each applicable requirement identified in Section 13. In the event that DCP should discover new information affecting the compliance status of the facility, DCP will make appropriate notifications and/or take corrective actions.

The purpose of this application is to update Title V Permit P095-R4 to reflect the throughput and equipment changes that have already been authorized under NSR Permits 434-M10R9, 434-M11, 434-M11R1, 434-M11R2, and 434-M11R3. NSR Permits 434-M10R9, 434-M11R1, and 434-M11R2 are administrative updates to the Title V permit for like-kind engine changes, and NSR 434-M11 is a minor modification to update condensate tank throughputs, and tank, loading, and fugitive emissions. NSR 434-M11R3 is a NSR technical revision to

incorporate applicable requirements under Subpart OOOOa of the EPA 40 CFR Part 60 New Source Performance Standards into the Artesia permit.

19.3 - Continued Compliance (20.2.70.300.D.10.c NMAC)

Provide a statement that your facility will continue to be in compliance with requirements for which it is in compliance at the time of permit application. This statement must also include a commitment to comply with other applicable requirements as they come into effect during the permit term. This compliance must occur in a timely manner or be consistent with such schedule expressly required by the applicable requirement.

The facility will continue to be in compliance with requirements for which it is in compliance at the time of this permit application and will operate in compliance with other applicable requirements as they come into effect during the permit term.

19.4 - Schedule for Submission of Compliance (20.2.70.300.D.10.d NMAC)

You must provide a proposed schedule for submission to the department of compliance certifications during the permit term. This certification must be submitted annually unless the applicable requirement or the department specifies a more frequent period. A sample form for these certifications will be attached to the permit.

Compliance certification will be submitted annually, as required by Title V Permit P095-R4, Condition A109.B.

19.5 - Stratospheric Ozone and Climate Protection

In addition to completing the four (4) questions below, you must submit a statement indicating your source's compliance status with requirements of Title VI, Section 608 (National Recycling and Emissions Reduction Program) and Section 609 (Servicing of Motor Vehicle Air Conditioners).

-
1. Does your facility have any air conditioners or refrigeration equipment that uses CFCs, HCFCs or other ozone-depleting substances? Yes No
 3. Does any air conditioner(s) or any piece(s) of refrigeration equipment contain a refrigeration charge greater than 50 lbs? Yes No
 3. Do your facility personnel maintain, service, repair, or dispose of any motor vehicle air conditioners (MVACs) or appliances ("appliance" and "MVAC" as defined at 82. 152)? Yes No
 4. Cite and describe which Title VI requirements are applicable to your facility (i.e. 40 CFR Part 82, Subpart A through G.)

No 40 CFR 82 requirements apply to this facility

19.6 - Compliance Plan and Schedule

Applications for sources, which are not in compliance with all applicable requirements at the time the permit application is submitted to the department, must include a proposed compliance plan as part of the permit application package. This plan shall include the information requested below:

A. Description of Compliance Status: (20.2.70.300.D.11.a NMAC)

A narrative description of your facility's compliance status with respect to all applicable requirements (as defined in 20.2.70 NMAC) at the time this permit application is submitted to the department.

B. Compliance plan: (20.2.70.300.D.11.B NMAC)

A narrative description of the means by which your facility will achieve compliance with applicable requirements with which it is not in compliance at the time you submit your permit application package.

C. Compliance schedule: (20.2.70.300D.11.c NMAC)

A schedule of remedial measures that you plan to take, including an enforceable sequence of actions with milestones, which will lead to compliance with all applicable requirements for your source. This schedule of compliance must be at least as stringent as that contained in any consent decree or administrative order to which your source is subject. The obligations of any consent decree or administrative order are not in any way diminished by the schedule of compliance.

D. Schedule of Certified Progress Reports: (20.2.70.300.D.11.d NMAC)

A proposed schedule for submission to the department of certified progress reports must also be included in the compliance schedule. The proposed schedule must call for these reports to be submitted at least every six (6) months.

E. Acid Rain Sources: (20.2.70.300.D.11.e NMAC)

If your source is an acid rain source as defined by EPA, the following applies to you. For the portion of your acid rain source subject to the acid rain provisions of title IV of the federal Act, the compliance plan must also include any additional requirements under the acid rain provisions of title IV of the federal Act. Some requirements of title IV regarding the schedule and methods the source will use to achieve compliance with the acid rain emissions limitations may supersede the requirements of title V and 20.2.70 NMAC. You will need to consult with the Air Quality Bureau permitting staff concerning how to properly meet this requirement.

NOTE: The Acid Rain program has additional forms. See www.env.nm.gov/air-quality/air-quality-title-v-operating-permits-guidance-page/. Sources that are subject to both the Title V and Acid Rain regulations are **encouraged** to submit both applications **simultaneously**.

The Artesia Gas Plant complies with the CAM plan and applicable schedule as required by Title V Permit P095-R4, Condition A210.

19.7 - 112(r) Risk Management Plan (RMP)

Any major sources subject to section 112(r) of the Clean Air Act must list all substances that cause the source to be subject to section 112(r) in the application. The permittee must state when the RMP was submitted to and approved by EPA.

The original RMP plan was submitted to EPA on 02/04/2011. An update was made to the plan on 11/18/2024.

19.8 - Distance to Other States, Bernalillo, Indian Tribes and Pueblos

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 NMAC)?

No, the facility is not located within 80 km of any states, Bernalillo, Indian Tribes, or Pueblos.

19.9 - Responsible Official

R.O.: David Jost

R.O. Title: Vice President, Region Ops - Permian

R.O. Address: 2331 CityWest Blvd, Houston, TX 77042

R.O. Phone: (720) 320-5616

R.O. Email: david.m.jost@p66.com

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.

There is no other relevant information.

Section 22: Certification

Company Name: DCP Operating Company LP

I, David Jost, 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 ____ day of _____, _____, upon my oath or affirmation, before a notary of the State of

_____.

*Signature

Date

David Jost
Printed Name

Vice President, Region Ops - Permian
Title

Scribed and sworn before me on this ____ day of _____, _____.

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

_____ day of _____, _____.

Notary's Signature

Date

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.

