

Acknowledgements Section - The Dude Processing Plant

Construction Status

- I acknowledge that a pre-application meeting is available to me upon request.
- For new registrations or modifications, a check for the registration fee will be sent to the Department for ten fee points for GCP-O&G or \$500 for NOIs. We cannot begin processing your action until the full fee is received by the Department. You will receive an email when your action is assigned for review.
- There is an annual fee for GCP-O&G in addition to the registration fee: www.env.nm.gov/air-quality/permit-fees-2/ (No annual fee for NOIs. (Facilities qualifying as a 'small business' under 20.2.75.7.F NMAC qualify for reduced fees, provided that NMED has a Small Business Certification Form from your company on file. This form can be found at: www.env.nm.gov/aqb/sbap/Small_Business_Forms.html)
- There are required attachments in addition to inputting data in the program. I will include the required attachments.

1. Is the facility located in Bernalillo County, on tribal lands, or in a nonattainment area?

Yes No

2. Is the facility's SIC code 1311, 1321, 4619, 4612 or 4922? (Other SIC codes may be approved provided that all the equipment at the facility is allowed in the GCP-Oil & Gas Permit. Non-Oil and Gas NOIs should use the paper Universal Application.

Yes No

GCP-O&G Acknowledgements and Applicability

Do not use Portal for administrative changes identified in the GCP O&G Permit Condition C101.A. Please use the Permitting Administrative Multiform to submit these requests to the department by mail. www.env.nm.gov/air-quality/air-quality-permit-applications-forms-and-related-information/

- The emissions specified in this Registration Form will establish the emission limits in the GCP-Oil and Gas.

1. This is a GCP-Oil and Gas Registration Form for an existing facility currently operating under GCP-1 or GCP-4? (No fee required)

No Yes

2. Does the regulated equipment under this GCP-Oil and Gas Registration include any combination of Allowable Equipment listed in Table 104 of the GCP Oil & Gas Permit, and no others?

Yes No

3. Will the regulated equipment as specified in this GCP-Oil and Gas Registration emit less than the total emissions in Table 106 of the GCP-Oil and Gas permit?

Yes No

4. Does all equipment comply with the stack parameter requirements as established in the GCP-Oil and Gas Permit?

Yes No

5. Equipment shall be at least 100 meters (m) from any stack to terrain that is five (5) or more meters above the top of the stack. Will the equipment at the facility meet this terrain requirement?

Yes No

6. Is the facility at least 150 m from any source that emits over 25 tons/year of NOx? This is the distance between the two nearest stacks that emit NOx at each of the facilities. Not the facility boundaries or the center to center distances.

Yes No

7. Is the facility at least 3 miles from any Class I area? This is the distance from the nearest facility boundary to the nearest boundary of the Class I area.

Yes No

New Mexico Environment Department
 Air Quality Bureau
 Permitting Section
 525 Camino de los Marquez, Suite 1
 Santa Fe, NM 87505-1816

Phone: (505) 476-4300
 Fax: (505) 476-4375
 www.env.nm.gov/air-quality/



For Department use only:

Electronic Permitting Application

Use this application for NOI and GCP-Oil and Gas Permits.

Use this application for: the initial application, modifications, revisions and when converting from another permit type. Please fill out all sections so that they have check marks and attach all required documents for review. Coordination with AQB is encouraged for first time users. Please use the Request NMED Support button if you would like to set up a walk through.

Section 1 - Facility Information

Section 1-A: Company Information - The Dude Processing Plant

Last modified by Morley, Beth on 21-AUG-24.

1	Facility Name: The Dude Processing Plant	AI # (if known): 10610	Updating permit #: <input type="text"/>
a	SIC Code: 1311 - Crude petroleum and natural gas	Reset Selections	
a	NAICS Code: 21113 - Natural Gas Extraction		
a	Facility Type: 146 - Oil & Gas	Secondary Facility Type: 141 - O&G-Gas Plant	
2	Company Name (Owns facility): Lea Midstream, LLC	Phone: 214-238-5740	Fax: <input type="text"/>
a	Mailing Address: 3500 Maple Ave	Address 2: Suite 700	City: Dallas State: Texas ZIP Code: 75219
3	Billing Party: Lea Midstream, LLC	Phone: 214-238-5740	Fax: <input type="text"/>
a	Select an organization		
a	Mailing Address: 3500 Maple Ave	Address 2: Suite 700	City: Dallas State: Texas ZIP Code: 75219
4	Consultant Company: Trinity Consultants - Albuquerque	Phone: 505-266-6611	Fax: <input type="text"/>
a	Select an organization		
a	Mailing Address: 9400 Holly Avenue NE, Building 3, Suite B	Address 2: Bldg 3 Suite B	City: ALBUQUERQUE State: New Mexico ZIP Code: 87122
5	Consultant / Preparer Contact: First Name: Adam M.I.: Last Name: Erenstein Title: Consultant	Phone: 505-266-6611	Fax: <input type="text"/>
a	Email: aerenstein@trinityconsultants.com		
a	Mailing Address: 9400 Holly Ave NE	Address 2: Building 3	City: Albuquerque State: New Mexico ZIP Code: 87122
6	Plant Operator Company: Lea Midstream, LLC		
a	Select an organization		
a	Plant Operator Company Address: 3500 Maple Ave	Address 2: Suite 700	City: Dallas State: Texas ZIP Code: 75219
b	Plant Operator Contact: First Name: James M.I.: Last Name: Hegar Title: Sr Director Operations	Phone: 214-238-5760	Fax: <input type="text"/>
c	Email: jhegar@producersmidstream.com		
c	Mailing Address: 3500 Maple Ave	Address 2: Suite 700	City: Dallas State: Texas ZIP Code: 75219
7	Air Permit: Select a person		
a	Air Permit Contact: First Name: James M.I.: Last Name: Hegar Title: Sr Director Operations	Phone: 214-238-5760	Fax: <input type="text"/>
b	Email: jhegar@producersmidstream.com		
b	Mailing Address: 3500 Maple Ave	Address 2: Suite 700	City: Dallas State: Texas ZIP Code: 75219

Comments (2000 character maximum)

Section 1-C: Facility Input Capacity & Production Rate - The Dude Processing Plant
 Last modified by Morley, Beth on 21-AUG-24.

Enter the maximum hourly, daily, and annual throughput of oil, gas, natural gas liquids (NGL), and produced water.

1	OIL									
a	Current:	Hourly:	<input type="text"/>	<input type="text"/>	Daily:	<input type="text"/>	<input type="text"/>	Annually:	<input type="text"/>	<input type="text"/>
b	Proposed	Hourly:	9.76	bbl/h	Daily:	234.21	bbl/d	Annually:	85488	bbl/y
2	Natural Gas									
a	Current	Hourly:	<input type="text"/>	<input type="text"/>	Daily:	<input type="text"/>	<input type="text"/>	Annually:	<input type="text"/>	<input type="text"/>
b	Proposed	Hourly:	2.29	SCF/h	Daily:	55	M SCF/d	Annually:	20075	MM SCF/y
3	Natural Gas Liquids									
a	Current	Hourly:	<input type="text"/>	<input type="text"/>	Daily:	<input type="text"/>	<input type="text"/>	Annually:	<input type="text"/>	<input type="text"/>
b	Proposed	Hourly:	<input type="text"/>	<input type="text"/>	Daily:	<input type="text"/>	<input type="text"/>	Annually:	<input type="text"/>	<input type="text"/>
4	Produced Water									
a	Current	Hourly:	<input type="text"/>	<input type="text"/>	Daily:	<input type="text"/>	<input type="text"/>	Annually:	<input type="text"/>	<input type="text"/>
b	Proposed	Hourly:	0.47	bbl/h	Daily:	11.21	bbl/d	Annually:	4090.86	bbl/y

Comments (2000 character maximum)

Condensate throughput at this facility is represented here as oil.

Section 1-D: Facility Location Information - The Dude Processing Plant
 Last modified by Morley, Beth on 21-AUG-24.

1	County: <input type="text" value="Lea"/>	Elevation (ft): <input type="text" value="3863"/>
2	UTM Zone: <input type="radio"/> 12 or <input checked="" type="radio"/> 13	Datum: <input type="radio"/> NAD 83 <input checked="" type="radio"/> WGS 84
a	UTM E (in meters, to nearest 10 meters): <input type="text" value="642062.00"/>	UTM N (in meters, to nearest 10 meters): <input type="text" value="3614591.00"/>
b	Latitude: <input type="text" value="32.65984"/> dec deg. N	Longitude: <input type="text" value="-103.485108"/> dec deg. W
3	Facility/Plant Address: <input type="text"/> (If no facility street address, leave blank)	City: <input type="text" value="Monument"/> State: <input type="text" value="New Mexico"/> ZIP Code: <input type="text" value="88265"/> District: <input type="text" value="004"/> Field Office: <input type="text" value="Select one"/>
4	The facility is <input type="text" value="12.3"/> miles <input type="text" value="NW"/> of <input type="text" value="Monument"/> (nearest town).	
5	Detailed Driving Instructions from nearest NM town (attach a road map if necessary): <input type="text" value="This facility is 12.3 Miles west-northwest of Monument. From Monument, NM drive north on NM-8 N toward W 6th Ave for 5 miles. Turn left onto US-180 W/US-62 W and continue for about 13 miles. Turn right onto a dirt road and drive down it for 0.36 miles. Turn right, drive 0.15 miles before turning left. Continue for 0.1 miles. The Dude Processing Plant will be on the right."/>	
6	Status of land at facility: <input type="text" value="Private"/>	
7	Select nearest Class I area: <input type="text" value="Class I - Carlsbad Caverns National Park"/>	
8	Shortest distance (in km) from facility boundary to the boundary of the nearest Class I area (to the nearest 10 meters): <input type="text" value="98.4"/> km	
9	Is this a portable stationary source as defined in 20.2.72.7.X NMAC? <input type="radio"/> Yes <input checked="" type="radio"/> No	
10	Will this facility operate in conjunction with other air regulated parties on the same property? <input type="radio"/> Yes <input checked="" type="radio"/> No If yes, what is the name and permit number (if known) of the other facility? <input type="text"/>	

Comments (2000 character maximum)

This facility will be located 12.3 miles west-northwest of Monument, NM. However, the ePortal does not allow for west-northwest to be selected on line 4.

Section 1-E: Proposed Operating Schedule - The Dude Processing Plant
 Last modified by Morley, Beth on 21-AUG-24.

1	Facility maximum operating (hours/day): 24	days/week: 7	weeks/year: 52	hours/year: 8760	
2	Facility's maximum daily operating schedule (if less than 24 hours/day)? Start Time: End Time:				
3	Month and year of anticipated start of construction (mm/yyyy): 10/2024				
4	Month and year of anticipated construction completion (mm/yyyy):				
5	Month and year of anticipated startup of new or modified facility (mm/yyyy):				
6	Will this facility operate at this site for more than one year? <input checked="" type="radio"/> Yes <input type="radio"/> No				

The 1-E.1 & 1-E.2 operating schedules may become conditions in the permit.

Comments (2000 character maximum)

Last modified by Morley, Beth on 21-AUG-24.

Section 1-F - Current Facility Status - The Dude Processing Plant			
1	Has this Facility already been constructed? <input type="radio"/> Yes <input checked="" type="radio"/> No	If yes, is it currently operating in New Mexico? <input type="radio"/> Yes <input type="radio"/> No	
2	Does this facility currently have a construction permit or Notice of Intent (NOI) (20.2.72 NMAC or 20.2.73 NMAC)? <input type="radio"/> Yes <input checked="" type="radio"/> No	If yes, the permit No or NOI No: [REDACTED]	Will it remain active or not: <input type="radio"/> Yes <input checked="" type="radio"/> No
3	Is this Registration in response to a Notice of Violation (NOV)? <input type="radio"/> Yes <input checked="" type="radio"/> No If so, provide current permit #: [REDACTED]	If yes,NOV date: [REDACTED]	NOV tracking No: [REDACTED]
4	Facility is Synthetic Minor greater than 80% (SM80) i.e., Controlled Emissions > 80 TPY of any regulated air pollutant		

Comments (2000 character maximum)

Table 2-A: Regulated Emission Sources

Edit	NMED SI ID	Category Type	NMED SI Status	Unit Number	Source Description	Manufacturer	Model #	Serial #	Combustion Type	Rated Capacity ³	Permitted Capacity ³	Date ² of Manufacture or Reconstruction Date ² of Installation /Construction	Controlled by Unit # Emissions vented to Stack #	Source Classification Code (SCC)	Disposition	Applicable State & Federal Regulation(s) (I.3, 20.x.x, JJJJ, ...)	Complete	Replicate
Edit	EQPT-0	Equipment Amine sweetening unit	New	AMINE-1	Amine Sweetening Unit	TBD	TBD	TBD		55 MM SCF/d	55 MM SCF/d		LP-FLARE LP-FLARE	3-10-003-05	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Enclosed Combustion Device	New	COMB-1	BTEX Combustor	Spiral X	TBD	TBD	ECD/VCU	2.41 MM SCF/y	2.41 MM SCF/y	01/01/19	N/A COMB-1	3-10-002-05	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Enclosed Combustion Device	New	COMB-2	Tank and Truck Combustor	Spiral X	TBD	TBD	ECD/VCU	0.91 MM SCF/y	0.91 MM SCF/y		N/A COMB-2	3-10-002-05	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Glycol Dehy Still Vent/Flash Tank	New	DEHY-1	TEG Dehydrator	TBD	TBD	TBD		52.72 MM SCF/d	52.72 MM SCF/d		COMB-1 COMB-1	3-10-003-04	New/Additional	40 CFR 63 Subpart HH	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-1	Compressor Engine	Caterpillar	G3516 LE	WPT/4EK01542		1340.00 hp	1340.00 hp	11/27/19	Catalyst 1 ENG-1	2-02-002-54	New/Additional	40 CFR 60 Subpart JJJJ, 40 CFR 60 Subpart OOOOb, 40 CFR 63 Subpart ZZZZ	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-2	Compressor Engine	Caterpillar	G3606	4ZS00640		1775 hp	1775 hp	06/23/06	Catalyst 2 ENG-2	2-02-002-54	New/Additional	40 CFR 60 Subpart OOOOb, 40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-3	Compressor Engine	Caterpillar	G3606	4ZS01708		1775.00 hp	1775.00 hp	09/20/12	Catalyst 3 ENG-3	2-02-002-54	New/Additional	40 CFR 60 Subpart OOOOb, 40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-4	Compressor Engine	Caterpillar	G3606	4ZS00645		1775.00 hp	1775.00 hp	07/01/06	Catalyst 4 ENG-4	2-02-002-54	New/Additional	40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ, 40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-5	Compressor Engine	Caterpillar	G3516 LE	WPW02160		1340.00 hp	1340.00 hp	04/14/08	Catalyst 5 ENG-5	2-02-002-54	New/Additional	40 CFR 60 Subpart JJJJ, 40 CFR 60 Subpart OOOOb, 40 CFR 63 Subpart ZZZZ	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-6	Compressor Engine	Caterpillar	G3516 LE	3RC00915		1340.00 hp	1340.00 hp	07/20/07	Catalyst 6 ENG-6	2-02-002-54	New/Additional	40 CFR 60 Subpart JJJJ, 40 CFR 60 Subpart OOOOb, 40 CFR 63 Subpart ZZZZ	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Internal combustion engine	New	ENG-7	Compressor Engine	Caterpillar	G3606	TBD		1775.00 hp	1775.00 hp		Catalyst 7 ENG-7	2-02-002-54	New/Additional	40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ, 40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	RPNT-0	Release Point Fugitives	New	FUG-1	Facility-wide Fugitives	N/A	N/A	N/A					N/A N/A	3-10-888-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Heater	New	HO-1	Hot Oil Heater 1	TBD	TBD	TBD		26.40 MM BTU/h	26.40 MM BTU/h		N/A HO-1	3-10-004-04	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Heater	New	HO-2	Hot Oil Heater 1	TBD	TBD	TBD		5.07 MM BTU/h	5.07 MM BTU/h		N/A HO-2	3-10-004-04	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Process Flare	New	HP FLARE	High-Pressure Emergency Flare Pilot/Purge	GBA-Corona	TBD	TBD	Flare	60.00 MM SCF/d	60.00 MM SCF/d	01/01/21	N/A HP FLARE	3-10-002-05	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Heater	New	HT-1	Regen Gas Heater	TBD	TBD	TBD		10.50 MM BTU/h	10.50 MM BTU/h		N/A HT-1	3-10-004-04	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	RPNT-0	Release Point Transfer Point	New	LOAD	Condensate Truck Loading	N/A	N/A	N/A		3590499 gal/y	3590499 gal/y		VRU/COMB-2 VRU/COMB-2	4-06-001-32	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Process Flare	New	LP FLARE	Low-Pressure Acid Gas Flare	Zeeco	TBD	43124-001	Flare	34.87 MM SCF/d	34.87 MM SCF/d		N/A LP FLARE	3-10-002-05	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	RPNT-0	Release Point Fugitives	New	M	Malfunction	N/A	N/A	N/A					N/A N/A	3-10-888-11	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	RPNT-0	Release Point Transfer Point	New	PW-LOAD	Produced Water Truck Loading	N/A	N/A	N/A		171816 gal/y	171816 gal/y		VRU/COMB-2 VRU/COMB-2	4-06-001-32	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	PWTK-1	Produced Water Storage Tank	API	N/A	4-17212		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2 VRU/COMB-2	4-04-003-15	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	PWTK-2	Produced Water Storage Tank	API	N/A	4-17213		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2 VRU/COMB-2	4-04-003-15	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	PWTK-3	Produced Water Storage Tank	API	N/A	4-17215		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2 VRU/COMB-2	4-04-003-15	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	PWTK-4	Produced Water Storage Tank	API	N/A	TBD		500.00 bbl	500.00 bbl		VRU/COMB-2 VRU/COMB-2	4-04-003-15	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
		Equipment			Dehydrator					2.00 MM	2.00 MM		N/A				<input checked="" type="checkbox"/>	

Edit	EQPT-0	Glycol Dehy Reboiler Burner	New	RBL-1	Reboiler	TBD	TBD	TBD		BTU/h	BTU/h		RBL-1	3-10-003-02	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Burner	New	RBL-2	Stabilizer Reboiler	TBD	TBD	TBD		3.60 MM BTU/h	3.60 MM BTU/h		N/A	3-10-004-04	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	RPNT-0	Release Point Fugitives	New	SSM	Startup, Shutdown, and Maintenance	N/A	N/A	N/A					N/A	3-10-888-11	New/Additional	NA	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Turbine	New	TB-1	Mobile Turbine	Solar	SMT60	TBD		5000.00 kW	5000.00 kW		TB-1	2-02-002-01	New/Additional	40 CFR 60 Subpart KKKK, 40 CFR 60 Subpart GG	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-1	Condensate Storage Tank	API	N/A	4-17211		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-2	Condensate Storage Tank	API	N/A	4-17214		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-3	Condensate Storage Tank	API	N/A	4-17210		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-4	Condensate Storage Tank	API	N/A	4-17209		500.00 bbl	500.00 bbl	03/01/20	VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-5	Condensate Storage Tank	API	N/A	TBD		500.00 bbl	500.00 bbl		VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-6	Condensate Storage Tank	API	N/A	TBD		500.00 bbl	500.00 bbl		VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-7	Condensate Storage Tank	API	N/A	TBD		500.00 bbl	500.00 bbl		VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate
Edit	EQPT-0	Equipment Tank - Above Ground	New	TK-8	Condensate Storage Tank	API	N/A	TBD		500.00 bbl	500.00 bbl		VRU/COMB-2	4-04-003-11	New/Additional	40 CFR 60 Subpart OOOOb	<input checked="" type="checkbox"/>	Replicate

[Add a New Regulated Source](#)

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. If only year or month is known use 01/01/yyyy or mm/01/yyyy.

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.

Table 2C - Emissions Reduction Equipment

This Table was intentionally left blank.

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. Also include reductions from process equipment in this table. Entering process equipment in this table is for data entry purposes only, the process vs control analysis will be used to determine process or control status for VRUs. Only list control equipment for TAPs if the TAPs maximum uncontrolled emissions rate is over its respective threshold as listed in 20.2.72 NMAC, Subpart V, Tables A and B.

Edit	Reduction Equipment Unit No.	Reduction Equipment Description	Date Installed (mm/dd/yyyy)	Reduced Pollutants	Reducing Emissions for Unit Numbers	Efficiency (% Reduction by Weight)	Method used to estimate reduction	Reduction Type	Complete
Edit	LP-FLARE	Flare		Volatile Organic Compounds (VOC)	AMINE-1	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	LP-FLARE	Flare		Total HAP	AMINE-1	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	LP-FLARE	Flare		Hydrogen sulfide (NMAAQ)	AMINE-1	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-1	ECD/VCU		Volatile Organic Compounds (VOC)	DEHY-1	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-1	ECD/VCU		Total HAP	DEHY-1	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-1	ECD/VCU		Hydrogen sulfide (NMAAQ)	DEHY-1	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 1	Catalytic Oxidation		Carbon Monoxide	ENG-1	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 1	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-1	36	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 1	Catalytic Oxidation		Formaldehyde	ENG-1	73	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 2	Catalytic Oxidation		Carbon Monoxide	ENG-2	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 2	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-2	55	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 2	Catalytic Oxidation		Formaldehyde	ENG-2	69	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 3	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-3	55	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 3	Catalytic Oxidation		Formaldehyde	ENG-3	69	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 3	Catalytic Oxidation		Carbon Monoxide	ENG-3	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 4	Catalytic Oxidation		Formaldehyde	ENG-4	69	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 4	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-4	55	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 4	Catalytic Oxidation		Carbon Monoxide	ENG-4	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 5	Catalytic Oxidation		Carbon Monoxide	ENG-5	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 5	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-5	36	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 5	Catalytic Oxidation		Formaldehyde	ENG-5	73	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 6	Catalytic Oxidation		Carbon Monoxide	ENG-6	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 6	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-6	36	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 6	Catalytic Oxidation		Formaldehyde	ENG-6	73	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 7	Catalytic Oxidation		Formaldehyde	ENG-7	69	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 7	Catalytic Oxidation		Volatile Organic Compounds (VOC)	ENG-7	55	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	Catalyst 7	Catalytic Oxidation		Carbon Monoxide	ENG-7	96	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	LOAD	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	LOAD	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	LOAD	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	PW-LOAD	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	PW-LOAD	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	PW-LOAD	98	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	PWTK-1	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	PWTK-1	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	PWTK-1	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	PWTK-1	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	PWTK-1	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	PWTK-1	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	PWTK-2	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	PWTK-2	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	PWTK-2	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	PWTK-2	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	PWTK-2	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	PWTK-2	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	PWTK-3	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	PWTK-3	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	PWTK-3	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	PWTK-3	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	PWTK-3	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	PWTK-3	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	PWTK-4	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	PWTK-4	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	PWTK-4	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>

Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	PWTK-4	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	PWTK-4	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	PWTK-4	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-1	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-1	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-1	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-1	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-1	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-1	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-2	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-2	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-2	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-2	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-2	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-2	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-3	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-3	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-3	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-3	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-3	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-3	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-4	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-4	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-4	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-4	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-4	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-4	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-5	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-5	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-5	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-5	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-5	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-5	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-6	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-6	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-6	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-6	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-6	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-6	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-7	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-7	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-7	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-7	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-7	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-7	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Volatile Organic Compounds (VOC)	TK-8	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Total HAP	TK-8	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Volatile Organic Compounds (VOC)	TK-8	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Total HAP	TK-8	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	VRU	Vapor Recovery Unit		Hydrogen sulfide (NMAAQ)	TK-8	100	Manufacturer Specification	PRIMARY	<input checked="" type="checkbox"/>
Edit	COMB-2	ECD/VCU		Hydrogen sulfide (NMAAQ)	TK-8	98	Manufacturer Specification	SECONDARY	<input checked="" type="checkbox"/>
Add Reduction Equipment for Unit <input type="text" value="Select one"/> Add									

How to complete the table: In the drop down, select regulated sources from Table 2A where emissions are reduced and click "Add." Then add reduced pollutants and associated reduction devices for each. If a pollutant has emissions reduced by more than one device please add a line for each device and label them as primary, secondary, tertiary. Click "Edit" to update reduced pollutants and devices for each regulated source.

Comments (4000 character maximum)

List each reduction device and all sources they serve, e.g. FL-1: Oil tanks 1-4, loading, VRU downtime. FL-2: compressor and sales downtime. For NOIs, indicate the enforceability behind each device or clarify if it is voluntary and no credit is being claimed for the reduction, e.g., FL-1: Oil tanks 1-8 (OOOo). FL-1: Loading (voluntary, no emissions reduction credit claimed.)

Oxidation Catalyst: Controls VOCs, CO, and HCHO for the facility's engines (ENG-1 through ENG-7)

HP FLARE: Controls SSM activities

LP FLARE: Controls VOC, HAPs, and H₂S for the AMINE-1 acid gas emissions with a DRE of 98%

COMB-1: Controls VOC, HAPs, and H₂S for the DEHY-1 BTEX condenser emissions with a DRE of 98%

COMB-2: Controls VOC, HAPs, and H₂S for TK-1 to TK-8, PWTK-1 to PWTK-4 during the 5% VRU downtime and LOAD, and PW-LOAD with a DRE of 98%

VRU: Controls VOC, HAPs, and H₂S for TK-1 to TK-8, PWTK-1 to PWTK-4.

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. 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 or 1.41).

Edit	NMED SI ID	NMED SI Status	Unit No.	NOx		CO		VOC		SOx		PM10 ¹		PM2.5 ¹		H ₂ S		Lead		Complete
				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	
Edit	new	New	AMINE-1	-	-	-	-	35.87	157.13	-	-	-	-	-	-	10.23	44.80	-	-	<input checked="" type="checkbox"/>
Edit	new	New	COMB-1	0.011	0.048	0.0092	0.040	0.0006	0.0027	0.0015	0.0069	0.0008	0.0037	0.0008	0.0037	-	0	-	-	<input checked="" type="checkbox"/>
Edit	new	New	COMB-2	0.010	0.044	0.0084	0.037	0.0006	0.0024	0.0001	0.0003	0.0008	0.0033	0.0008	0.0033	0	0.0002	-	-	<input checked="" type="checkbox"/>
Edit	new	New	DEHY-1	-	-	-	-	17.92	78.49	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-1	1.48	6.47	9.01	39.47	2.33	10.22	0.0083	0.036	0.112	0.49	0.112	0.49	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-2	1.96	8.57	10.76	47.13	3.58	15.67	0.0087	0.038	0.12	0.52	0.12	0.52	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-3	1.96	8.57	10.76	47.13	3.58	15.67	0.0087	0.038	0.12	0.52	0.12	0.52	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-4	1.96	8.57	10.76	47.13	3.58	15.67	0.0087	0.038	0.12	0.52	0.12	0.52	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-5	1.48	6.47	9.01	39.47	2.33	10.22	0.0083	0.036	0.112	0.49	0.112	0.49	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-6	1.48	6.47	9.01	39.47	2.33	10.22	0.0083	0.036	0.112	0.49	0.112	0.49	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	ENG-7	1.96	8.57	10.76	47.13	3.58	15.67	0.0087	0.038	0.12	0.52	0.12	0.52	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	FUG-1	-	-	-	-	2.97	13.01	-	-	-	-	-	-	0.0004	0.0018	-	-	<input checked="" type="checkbox"/>
Edit	new	New	HO-1	0.39	1.71	0.48	2.08	0.14	0.62	0.16	0.69	0.20	0.86	0.20	0.86	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	HO-2	0.50	2.18	0.42	1.83	0.027	0.12	0.030	0.13	0.038	0.17	0.038	0.17	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	HP FLARE	0.013	0.055	0.057	0.25	-	-	0.0001	0.0006	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	HT-1	1.03	4.51	0.86	3.79	0.057	0.25	0.062	0.27	0.078	0.34	0.078	0.34	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	LOAD	-	-	-	-	210.82	21.99	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	LP FLARE	0.0043	0.019	0.020	0.086	0	0	0	0.0002	-	-	-	-	0	0	-	-	<input checked="" type="checkbox"/>
Edit	new	New	M	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	PW-LOAD	-	-	-	-	147.30	0.84	-	-	-	-	-	-	0.054	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	PWTK-1	-	-	-	-	0.18	0.78	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	PWTK-2	-	-	-	-	0.18	0.78	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	PWTK-3	-	-	-	-	0.18	0.78	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	PWTK-4	-	-	-	-	0.18	0.78	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	RBL-1	0.20	0.86	0.16	0.72	0.011	0.047	0.0015	0.0064	0.015	0.065	0.015	0.065	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	RBL-2	0.35	1.55	0.30	1.30	0.019	0.085	0.0026	0.012	0.027	0.12	0.027	0.12	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	SSM	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TB-1	3.09	13.52	1.32	5.79	0.16	0.68	0.13	0.563	0.36	1.58	0.36	1.58	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-1	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-2	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-3	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-4	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-5	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-6	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-7	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
Edit	new	New	TK-8	-	-	-	-	0.93	4.09	-	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>
			Totals	17.88	78.19	73.7	322.85	444.77	412.45	0.45	1.94	1.54	6.69	1.54	6.69	10.28	44.8	0.0	0.0	

¹ Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source.

Comments (2000 character maximum)

Table 2-H: Stack Exit Conditions

Data may not be provided for subject items (SIs) that are not complete. Please edit the SI in Table 2-A before providing information here.

Please enter the stack information for the original source, not the control or reduction equipment.

For equipment that doesn't have an actual stack or fugitive stack please just list it as having a default fugitive stack with a height of 10 ft. This field is required by our database.

Edit	Stack Description	Unit number	Orientation (H=Horizontal V=Vertical)	Rain Caps (Yes or No)	Height Above Ground (ft)	Temp. (F)	Flow Rate		Moisture by Volume (%)	Velocity (ft/sec)	Inside Diameter (ft)	Complete
							(acfs)	(dscfs)				
Edit	AMINE-1	AMINE-1	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	COMB-1	COMB-1	Vertical	No	10.8	1000	5.1			1.04	2.50	<input checked="" type="checkbox"/>
Edit	COMB-2	COMB-2	Vertical	No	10.8	1000	3.6			0.74	2.50	<input checked="" type="checkbox"/>
Edit	DEHY-1	DEHY-1	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	ENG-1	ENG-1	Vertical	No	27	816	20.2			170	1.3	<input checked="" type="checkbox"/>
Edit	ENG-2	ENG-2	Vertical	No	0.038	847.0	361.3			115.0	2.0	<input checked="" type="checkbox"/>
Edit	ENG-3	ENG-3	Vertical	No	0.038	847.0	361.3			115.0	2.0	<input checked="" type="checkbox"/>
Edit	ENG-4	ENG-4	Vertical	No	0.038	847.0	361.3			115.0	2.0	<input checked="" type="checkbox"/>
Edit	ENG-5	ENG-5	Vertical	No	27	816	20.2			170	1.3	<input checked="" type="checkbox"/>
Edit	ENG-6	ENG-6	Vertical	No	27	816	20.2			170	1.3	<input checked="" type="checkbox"/>
Edit	ENG-7	ENG-7	Vertical	No	0.038	847.0	361.3			115.0	2.0	<input checked="" type="checkbox"/>
Edit	FUG-1	FUG-1	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	HO-1	HO-1	Vertical	No	15	600	191.6			39.05	2.50	<input checked="" type="checkbox"/>
Edit	HO-2	HO-2	Vertical	No	15.6	800	44			35.68	1.25	<input checked="" type="checkbox"/>
Edit	HP FLARE	HP FLARE	Vertical	No	115	1832	137			272.0	0.80	<input checked="" type="checkbox"/>
Edit	HT-1	HT-1	Vertical	No	15.8	800	91			28.84	2.00	<input checked="" type="checkbox"/>
Edit	LOAD	LOAD	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	LP FLARE	LP FLARE	Vertical	No	45.0	1832	79.5			101.1	1.00	<input checked="" type="checkbox"/>
Edit	M	M	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	PW-LOAD	PW-LOAD	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	PWTK-1	PWTK-1	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	PWTK-2	PWTK-2	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	PWTK-3	PWTK-3	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	PWTK-4	PWTK-4	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	RBL-1	RBL-1	Vertical	No	16	600	13.86			10.44	1.3	<input checked="" type="checkbox"/>
Edit	RBL-2	RBL-2	Vertical	No	16	600	24.94			18.79	1.3	<input checked="" type="checkbox"/>
Edit	SSM	SSM	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TB-1	TB-1	Vertical	No	41.0	950	503.7			25.65	5.00	<input checked="" type="checkbox"/>
Edit	TK-1	TK-1	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-2	TK-2	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-3	TK-3	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-4	TK-4	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-5	TK-5	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-6	TK-6	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-7	TK-7	Fugitive	No	10							<input checked="" type="checkbox"/>
Edit	TK-8	TK-8	Fugitive	No	10							<input checked="" type="checkbox"/>

Add Stack Conditions to Add

Comments (2000 character maximum)

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

By marking this table as intentionally left blank, you certify that the Total and individual HAPs for this facility are less than 1 ton per year. Data may not be provided for subject items (SIs) that are not complete. Please edit the SI in Table 2-A before providing information here.

GCPs: Report the potential emission rate for each HAP from each HAP emitting emission unit listed in Table 2A. For each emission unit, HAPs shall be expressed to at least 2 decimal points (e.g. 0.41 or 1.41). Emissions less than 0.0001 lb/hr or 0.0001 tpy and emission units that do not emit HAPs shall be omitted from the table. Each facility-wide Individual HAP total and the facility-wide Total HAPs is the sum of all HAP sources entered in the Table. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAA. Include tank-flashing emission estimates of HAP in this table.

NOIs: Report the individual and/or Total HAPs for each piece of equipment in Table 2A, only if the facility total for that pollutant is greater than or equal to 1 tpy.

Edit	Unit No.	Total HAPs		Benzene HAP		Toluene: (Methyl benzene) HAP		Hexane HAP		Ethylbenzene HAP		Xylenes (total): (Xylol) HAP		Formaldehyde HAP		Acetaldehyde; (Ethyl aldehyde) HAP		Acrolein HAP								Complete	
		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	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr		lb/hr
Edit	COMB-1	0.080	0.35	0.020	0.088	0.052	0.23	.0066	0.029	0.029	0.013	.0008	.0038														<input checked="" type="checkbox"/>
Edit	COMB-2	0.70	0.023	0.16	.0072	0.34	0.016	5.08	0.035	0.016	.0010	.0047	.0002														<input checked="" type="checkbox"/>
Edit	ENG-1	0.40	1.77	0.005	0.021	0.004	0.019	0.012	0.051	.0004	.0019	0.002	0.009	0.24	1.04	0.089	0.39	0.055	0.24								<input checked="" type="checkbox"/>
Edit	ENG-2	0.49	2.14	0.005	0.022	0.005	0.020	0.012	0.054	.0004	.0020	0.002	0.009	0.31	1.37	0.094	0.41	0.058	0.25								<input checked="" type="checkbox"/>
Edit	ENG-3	0.49	2.14	0.005	0.022	0.005	0.020	0.012	0.054	.0004	.0020	0.002	0.009	0.31	1.37	0.094	0.41	0.058	0.25								<input checked="" type="checkbox"/>
Edit	ENG-4	0.49	2.14	0.005	0.022	0.005	0.020	0.012	0.054	.0004	.0020	0.002	0.009	0.31	1.37	0.094	0.41	0.058	0.25								<input checked="" type="checkbox"/>
Edit	ENG-5	0.40	1.77	0.005	0.021	0.004	0.019	0.012	0.051	.0004	.0019	0.002	0.009	0.24	1.04	0.089	0.39	0.055	0.24								<input checked="" type="checkbox"/>
Edit	ENG-6	0.40	1.77	0.005	0.021	0.004	0.019	0.012	0.051	.0004	.0019	0.002	0.009	0.24	1.04	0.089	0.39	0.055	0.24								<input checked="" type="checkbox"/>
Edit	ENG-7	0.49	2.14	0.005	0.022	0.005	0.020	0.012	0.054	.0004	.0020	0.002	0.009	0.31	1.37	0.094	0.41	0.058	0.25								<input checked="" type="checkbox"/>
Edit	FUG-1	0.39	1.69	0.025	0.110	0.19	0.844	0.122	0.536	0.032	0.14																<input checked="" type="checkbox"/>
Edit	HO-1	0.049	0.21					0.047	0.20					.0019	.0085												<input checked="" type="checkbox"/>
Edit	HO-2	.0093	0.041					.0089	0.039					.0004	.0016												<input checked="" type="checkbox"/>
Edit	HT-1	0.019	0.085					0.019	0.081					.0004	.0034												<input checked="" type="checkbox"/>
Edit	LOAD	2.641	0.28	0.20	0.020	0.465	0.049	1.94	0.20	0.030	0.003	0.006	.0006														<input checked="" type="checkbox"/>
Edit	LP FLARE	0.57	2.50	0.12	0.527	0.41	1.80	.0004	.0016	0.029	0.13	.0097	0.042														<input checked="" type="checkbox"/>
Edit	PW-LOAD	7.725	0.044	2.11	0.012	4.60	0.026	0.74	.0042	0.21	.0012	0.063	.0004														<input checked="" type="checkbox"/>
Edit	RBL-1	.0037	0.016					.0035	0.015					.0001	.0006												<input checked="" type="checkbox"/>
Edit	RBL-2	.0066	0.029					.0064	0.028					.0003	.0012												<input checked="" type="checkbox"/>
Edit	TB-1	0.054	0.235	.0006	.0027	.0007	.030			.0017	.007	.0003	.0015	0.039	0.170	.0021	.0091	.0003	.0014								<input checked="" type="checkbox"/>
	Totals	15.41	19.37	2.67	0.92	6.09	3.13	8.06	1.54	0.35	0.31	0.1	0.11	2.0	8.79	0.65	2.82	0.4	1.72								

Add Stack Emissions to

Comments (2000 character maximum)

Table 2-J: Fuel Usage

This Table was intentionally left blank.

Data may not be provided for subject items (SIs) that are not complete. Please edit the SI in Table 2-A before providing information here.

Specify fuel characteristics and usage. This information should be for fuel used to operate the equipment (e.g. the pilot) not the amount of gas or fuel processed.

Edit	Unit No.	Fuel Type (No. 2 Diesel, Natural Gas, Coal, ...)	Specify Units				Complete
			Lower Heating Value	Hourly Usage	Annual Usage (maximum)	% Sulfur	
Edit	COMB-1	Natural Gas	972.48 BTU/SCF		0.96 MM SCF/y		<input checked="" type="checkbox"/>
Edit	COMB-2	Natural Gas	972.48 BTU/SCF		0.88 MM SCF/y		<input checked="" type="checkbox"/>
Edit	ENG-1	Natural Gas	972.48 BTU/SCF		100.90 MM SCF/y	0.6	<input checked="" type="checkbox"/>
Edit	ENG-2	Natural Gas	972.48 BTU/SCF		106.31 MM SCF/y	0.4	<input checked="" type="checkbox"/>
Edit	ENG-3	Natural Gas	972.48 BTU/SCF		106.31 MM SCF/y	0.4	<input checked="" type="checkbox"/>
Edit	ENG-4	Natural Gas	972.48 BTU/SCF		106.31 MM SCF/y	0.4	<input checked="" type="checkbox"/>
Edit	ENG-5	Natural Gas	972.48 BTU/SCF		100.90 MM SCF/y	0.6	<input checked="" type="checkbox"/>
Edit	ENG-6	Natural Gas	972.48 BTU/SCF		100.90 MM SCF/y	0.6	<input checked="" type="checkbox"/>
Edit	ENG-7	Natural Gas	972.48 BTU/SCF		106.31 MM SCF/y	0.4	<input checked="" type="checkbox"/>
Edit	HO-1	Natural Gas	972.48 BTU/SCF		237.81 MM SCF/y		<input checked="" type="checkbox"/>
Edit	HO-2	Natural Gas	972.48 BTU/SCF		45.71 MM SCF/y		<input checked="" type="checkbox"/>
Edit	HP FLARE	Natural Gas	972.48 BTU/SCF		1.66 MM SCF/y		<input checked="" type="checkbox"/>
Edit	HT-1	Natural Gas	972.48 BTU/SCF		945.90 MM SCF/y		<input checked="" type="checkbox"/>
Edit	LP FLARE	Natural Gas	972.48 BTU/SCF		0.57 MM SCF/y		<input checked="" type="checkbox"/>
Edit	RBL-1	Natural Gas	972.48 BTU/SCF		18.02 MM SCF/y		<input checked="" type="checkbox"/>
Edit	RBL-2	Natural Gas	972.48 BTU/SCF		32.43 MM SCF/y		<input checked="" type="checkbox"/>
Edit	TB-1	Natural Gas	972.48 BTU/SCF		492.82 MM SCF/y		<input checked="" type="checkbox"/>

Comments (2000 character maximum)

Table 2-L: Tank Data

Data may not be provided for subject items (SIs) that are not complete. Please edit the SI in Table 2-A before providing information here.

Include appropriate tank-flashing modeling input data. Note: 1.00 bbl = 10.159 M3 = 42.0 gal

Edit	Unit No.	Date Installed	Materials Stored	Seal Type (refer to Table 2-LR)	Roof Type (refer to Table 2-LR)	Capacity		Diameter (M)	Vapor Space (M)	Color (from Table VI-C)		Paint Condition (from Table VI-C)	Annual Throughput (gal/yr)	Turn-overs (per year)	Completed
						(bbl)	(M ³)			Roof	Shell				
<input type="button" value="Edit"/>	PWTK-1		Produced Water		Vertical - Fixed Roof	500.00 bbl		4.57					42954	2.05	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	PWTK-2		Produced Water		Vertical - Fixed Roof	500.00 bbl		4.57					42954	2.05	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	PWTK-3		Produced Water		Vertical - Fixed Roof	500.00 bbl		4.57					42954	2.05	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	PWTK-4		Produced Water		Vertical - Fixed Roof	500.00 bbl		4.57					42954	2.05	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-1		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-2		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-3		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-4		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-5		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-6		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-7		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>
<input type="button" value="Edit"/>	TK-8		Condensate		Vertical - Fixed Roof	500.00 bbl		4.57					448812	21.37	<input checked="" type="checkbox"/>

Comments (2000 character maximum)



GCP-Oil and Gas AQB ePermitting Portal Registration Form

Section 1- (ePermitting Portal submittals)

Portal submittals - delete all pages before this page.

Hardcopy submittals may delete this page.

I understand that I must submit the hard copy check with the required Payment Form for all AQB ePermitting Portal submittals. The 30-day review period will not begin until the check is received. (Does not apply if you are converting from a GCP-1 or GCP-4.) Form available: www.env.nm.gov/air-quality/aqb-epermitting-portal/

I will upload this form to submit via the Portal. I understand that certain pages may be deleted by following instructions on this form, to avoid repeating information I entered directly into the Portal or uploaded separately.

Attach only the electronic copy of the permit with the Department response, do not mail a paper copy. (If box is not checked, a paper copy of the permit will be sent with your response letter.)

Facility Name or Facility Type Change for Modifications

Fill out this section if requesting a change to the facility name or facility type that appears in the ePermitting Portal. These items cannot be updated through the Portal and will be corrected as part of the review of your permit. Check the appropriate box(es) and provide complete information in the table.

Not applicable

1. Changing facility name. (Punctuation and special characters not allowed. Use "No123" instead of #123)

2. Changing facility type.

1a	Current Facility Name:	1b	New Facility Name:
2a	Current Facility Type: <input type="checkbox"/> Production Site <input type="checkbox"/> Tank Battery <input type="checkbox"/> Compressor Station <input type="checkbox"/> Natural Gas Plant <input type="checkbox"/> Reinjection facility <input type="checkbox"/> Well head <input type="checkbox"/> Misc Oil and Gas <input type="checkbox"/> Amine Plant <input type="checkbox"/> Energy Support Facility <input type="checkbox"/> Other, please specify: _____	2b	New Facility Type: <input type="checkbox"/> Production Site <input type="checkbox"/> Tank Battery <input type="checkbox"/> Compressor Station <input type="checkbox"/> Natural Gas Plant <input type="checkbox"/> Reinjection facility <input type="checkbox"/> Well head <input type="checkbox"/> Misc Oil and Gas <input type="checkbox"/> Amine Plant <input type="checkbox"/> Energy Support Facility

Section 2- (ePermitting Portal submittals)

Hardcopy submittals - delete this page as this table is in the required excel portion of the hardcopy forms.

Table 2-B: Exempted Equipment (20.2.72 NMAC)

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 20.2.72.202.B.5 "similar functions" units, operations, and activities in Section 5, Calculations. Unit & stack numbering must be consistent throughout the application package.

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 /Reconstruction1	For Each Piece of Equipment, Check One	
			Serial No	Capacity Units		Date of Installation /Construction		
HAUL	Haul Roads	N/A	N/A	N/A	Exempt 20.2.72.202.B(5)	TBD	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	N/A		TBD	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-Lube	Lube Oil Tank	TBD	TBD	490	Exempt 20.2.72.202.B(2)	TBD	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			TBD	gal		TBD	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-AntiFreeze	Antifreeze Tank	TBD	TBD	490	Exempt 20.2.72.202.B(2)	TBD	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			TBD	gal		TBD	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-Amine	Amine Tank	API	TBD	100	Exempt 20.2.72.202.B(2)	2020	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			TBD	gal		TBD	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-TEG	TEG Tank	TBD	TBD	2600	Exempt 20.2.72.202.B(2)	TBD	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			TBD	gal		TBD	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-RO	RO Water Tank	TBD	TBD	2600	Exempt 20.2.72.202.B(2)	TBD	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			TBD	gal		TBD	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
							<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
							<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
							<input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
							<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
							<input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
							<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
							<input type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Replaced

Section 3

Registration Summary

Hardcopy and Portal Submittals – complete this section

Registration Summary:

Lea Midstream, LLC (Lea Midstream) is submitting this application and accompanying material for an initial GCP Oil & Gas authorization to construct The Dude Processing Plant. The facility is located approximately 12.3 miles west-northwest of Monument, NM in Lea County. This facility will compress, sweeten, and dehydrate gas.

This facility will collect and store condensate and produced water generated at the inlet separator and dehydrator respectively. These liquids will then be transported offsite via truck. With this applications, Lea Midstream seeks to authorize a facility throughput of 55 MMSCFD of natural gas, the construction of seven (7) compressor engines, one (1) mobile turbine, one (1) amine treating unit, (1) dehydrator, two (2) reboilers, three (3) heaters, eight (8) 500 bbl condensate tanks, four (4) produced water storage tanks, one (1) high pressure Emergency flare, one (1) low pressure flare, and two (2) combustors. Emissions will also result from associated fugitives, malfunctions, condensate loading, produced water loading, and Startup, Shutdown, and Maintenance activities.

Equipment at this facility will include:

- Three (3) 1340 hp Caterpillar G3516 LE Compressor Engines (Unit ID: ENG-1, ENG-5, & ENG-6)
- Four (4) 1775 hp Caterpillar G3606 LE Compressor Engines (Unit ID: ENG-2 to ENG-4, ENG-7)
- One (1) 5000 kW Solar SMT60 Mobile Turbine (Unit ID: TB-1)
- One (1) 2 MMBtu/hr Dehydrator Reboiler (Unit ID: RBL-1)
- One (1) 3.6 MMBtu/hr Stabilizer Reboiler (Unit ID: RBL-2)
- One (1) 26.4 MMBtu/hr Hot Oil Heater (Unit ID: HO-1)
- One (1) 5.074 MMBtu/hr Hot Oil Heater (Unit ID: HO-2)
- One (1) 10.5 MMBtu/hr Regeneration Heater (Unit ID: HT-1)
- One (1) 55 MMSCFD TEG Dehydrator (Unit ID: DEHY-1)
- One (1) 55 MMSCFD Amine Treating Unit (Unit ID: AMINE-1)
- Eight (8) 500 bbl Condensate Storage Tanks (Unit IDs: TK-1 to TK-8)
- Four (4) 500 bbl Produced Water Storage Tanks (Unit IDs: PWTK-1 to PWTK-4)
- One (1) Zeeco Low-Pressure Acid Gas Flare (Unit ID: LP FLARE)
- One (1) GBA-Corona High-Pressure Emergency Flare (Unit ID: HP FLARE)
- One (1) Spiral X BTEX Combustor (Unit ID: COMB-1)
- One (1) Spiral X Truck Loading Combustor (Unit ID: COMB-2)
- Condensate Truck Loading (Unit ID: LOAD)
- Produced Water Truck Loading (Unit ID: PW-LOAD)
- Facility-wide Fugitives (Unit ID: FUG)

Unpaved Haul Road Emissions (Unit ID: HAUL) will be exempt per 20.2.72.202.B(5) NMAC.

Written description of the routine operations of the facility:

Low pressure well gas is compressed through the facility inlet. Condensate will be separated at the inlet and stabilized before being routed to the facility condensate storage tanks (TK-1 to TK-8). The stabilizer will be equipped with a reboiler (RBL-2).

Gas passing through the inlet will be compressed by several compressor engines. (ENG-1 to ENG-7). Each engine at this site will be individually authorized to operate continuously at the design maximum capacity horsepower listed in the application. These units will be equipped with oxidative catalysts to control CO, HCHO, and VOC emissions. All emission values listed in the application forms for the engines correspond to 100% load at maximum engine speed.

An amine unit (AMINE-1) is installed at the facility to reduce H₂S in the wet gas stream. Vent gas generated by the flash tank will be injected back to the fuel line and is therefore not a source of emissions. Acid gas from the regenerator will be controlled with a DRE of 98% by a low-pressure flare (LP FLARE). The amine will have a regeneration heater (HT-1).

Once the gas is sweetened, it passes through a glycol dehydrator (DEHY-1) to remove entrained water. The emissions from the flash tanks will be injected back into the fuel line and are therefore not a source of emissions. The BTEX condenser is controlled with a 98% DRE by the BTEX combustor (COMB-1). The dehydrator will be equipped with a TEG reboiler (RBL-1)

Water collected during the dehydration process is routed to the produced water tanks. (PWTK-1 to PWTK-4). Flash working, and breathing emissions from the condensate and produced water tanks along with loading emissions (LOAD and PW-LOAD) are routed to the tank/truck combustor (COMB-2) with a DRE of 98%.

Emissions will also result from associated fugitives (FUG), hot oil heaters (HO-1 and HO-2), malfunctions (M), the pilot and purge for the High-Pressure Emergency Flare (HP FLARE) and Startup, Shutdown, and Maintenance (SSM).

Routine or predictable emissions during Startup, Shutdown and Maintenance (SSM): Provide an overview of how SSM emissions are accounted for including a description of SSM activities routed to reduction device and check the applicable box(es).

- No SSM emissions are expected from routine operations.
- Applicant requests up to 10 tpy of VOC SSM emissions.
 - No other activities (e.g. VRU downtime, stranded gas etc.) are considered SSM activities.
- Applicant requests site specific VOC SSM and those emission calculations are included in Section 5 and entered in Table 2F
Provide an overview:
- Applicant requests site specific combustion SSM and those emission calculations are included in Section 5 and entered in Table 2F.
Provide an overview:

Malfunction Emissions (M): Provide an overview of how malfunction emissions are accounted for in this Registration. The permit does not authorize combustion emissions for malfunctions. The permit does not authorize emissions from SSM and Malfunction to be combined as 10 TPY VOC. However, they may be permitted separately. In the allowable emissions table in Section 2, these two events are separate line items and must be kept separate.

Overview: Lea Midstream is requesting 10 tpy VOC emission for unexpected malfunction of equipment. The High-Pressure Emergency Flare will control unexpected residue compression upsets.

- No Malfunction emissions are requested for this permit.

Allowable Operations: Check the appropriate box below:

- Facility operates continuously (8760 hours per year)
- The following regulated equipment will operate less than 8760 hours per year. Add additional rows as necessary. These units are subject to Condition A108.C of the Permit.

Table A – Equipment Operating Less Than 8760 hours per year

Table is blank because I completed this information in the ePermitting Portal for each piece of equipment.

Unit #	Requested Annual Operating Hours

Verification of Compliance with Stack Parameter Requirements:

www.env.nm.gov/air-quality/air-quality-oil-and-gas-gcp-application-forms/

Portal Submittals: Applications submitted via the ePermitting Portal are required to use the Oil and Gas Stack Calculator.

Hardcopy submittals may voluntarily use the stack calculator.

Click "Print" in the stack calculator and attach the generated PDF results. If the stack calculator was completed and results attached, complete the information in this box and then go to Section 4. You may delete the items below this box until Section 4.

Check the box for each type of equipment at this facility & represented in the attached stack calculator results:

- Engine(s)
- Turbine(s)
- Flares(s)
- Enclosed Combustion Device (s)
- Heater(s)
- Reboiler(s)

I attached the results from the current version of the Oil and Gas Stack Calculator from the AQB web page and the results indicate compliance with the stack parameters for all of my engines, turbines, flares, enclosed combustion devices, heaters or reboilers.

1. Does the flare gas contain 6% H₂S or less by volume (pre-combustion)?

- Yes (done with section 3)
- No.

2. Explain in detail how assist gas will be added to reduce the gas composition to 6%H₂S or less by volume:

Section 5

Emissions Calculation Forms

The Department has developed the Air Emissions Calculation Tool (AECT), which is required to be used in the GCP-Oil and Gas Registration. If the AECT, for a piece of equipment is under development, provide alternate calculations. The AECT must be submitted as a "live" interactive PDF. **Do not include alternative calculations unless there is an issue being resolved with the AECT. This will delay review of the application.** The AECT and this Registration Form may be updated as needed.

Tank Emissions Calculations: Provide the method used to estimate tank-flashing emissions, the input and output summary 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 Pro-Max or Hysis is used, all relevant input parameters shall be reported, including separator pressure, gas throughput, and all other relevant parameters necessary for flashing calculation. **The inputs must match the gas analyses information submitted. Inputs that don't match may be grounds for denial of the application submittal.**

SSM Calculations: In this Section, provide emissions calculations for Startup, Shutdown, and Routine Maintenance (SSM) emissions listed in the Table 2, and the rationale for why the others are reported as zero (or left blank).

Control Devices: Report all control devices and list each pollutant controlled by the control device. Indicate in this section if you chose to not take credit for the reduction in emission rates. 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 if the control device produces its own regulated pollutants or increases emission rates of other pollutants.

Calculation Details: The AECT is required for all emission calculations. If the AECT is not functioning, alternative calculations may be submitted only for the portions of the AECT with issues being resolved. Utilize this section to explain in detail, on an equipment-by-equipment basis, why alternative calculations are necessary.

Explain here:

Mobile Turbine (TB-1): The AECT does not have a section for turbines. This unit was entered into the AECT as a micro-turbine; however, there is no option to select AP-42 Table 3.1-2 or 3.1-3, the emission factors for natural gas-fired stationary gas turbines in the AECT. Supplemental calculations are provided.

Assist Gas Process Flare (LP FLARE): This process flare employs a supplemental fuel gas stream to be able to efficiently combust the acid gas from the amine unit, which has a relatively low heating value. The quantity of assist gas needed is calculated such that the combined stream of gas to the flare achieves a heating value of at least 300 Btu/scf. Emissions factors for the flare are referenced from AP-42 Tables 13.5-1 and 13.5-2. Fuel gas is assumed to have a SO₂ quantity of 0.25 gr/scf.

Combustors (COMB-1 and COMB-2): COMB-1 works to control Dehy BTEX condenser overheads. COMB-2 works to control flashing, working, and breathing emissions from the tanks and associated loading at the facility. The AECT does not allow for a mixture of emission factors to be used, therefore supplementary calculations are provided. Additionally, the AECT does not calculate the H₂S emissions correctly. Please refer to the calculations.

Loading: The AECT does not allow for the use of overall reduction efficiency for the condensate loading calculation (LOAD). Produced water loading for this facility is based on the composition of oil from the ProMax analysis. The AECT does not allow for a site-specific oil percentage to be chosen for produced water loading emission calculations. Please refer to supplemental calculations.

Equipment Forms Submitted in this Section (add additional rows as necessary):

Equipment Type	Quantity	Check Box to Indicate Units that are Controlled	Enter Control Device Type and Pollutant Controlled
Engine	7	<input checked="" type="checkbox"/>	Oxidation Catalyst: CO, VOC, HCHO
Turbine	1	<input type="checkbox"/>	
Tanks	12	<input checked="" type="checkbox"/>	VRU and COMB-2: H ₂ S, VOC, HAPs
VRU	1	<input type="checkbox"/>	
Glycol Dehydrator	1	<input checked="" type="checkbox"/>	COMB-1 (condenser overheads): H ₂ S, VOC, HAPs
Flare	2	<input type="checkbox"/>	HP FLARE: Emergency events LP FLARE: Amine Acid Gas
Amine Unit	1	<input checked="" type="checkbox"/>	LP FLARE (acid gas): H ₂ S, VOC, HAPs
Fugitive Emissions	X	<input type="checkbox"/>	
Heater	3	<input type="checkbox"/>	
Truck Loading	X	<input checked="" type="checkbox"/>	VRU and COMB-2: H ₂ S, VOC, HAPs
Enclosed Combustion Device (ECD)	2	<input type="checkbox"/>	COMB-1: DEHY-1 condenser overheads COMB-2: Tanks and Loading during VRU downtime
Reboiler	2	<input type="checkbox"/>	

For each scenario below, if there are more than one emissions unit, control device, or gas combustion scenario. Please copy and paste each applicable section and label the unit number(s) if the scenarios vary.

Vapor Recovery Tower, Ultra Low-Pressure Separator, or Flash Tower Located Upstream of Storage Vessels: If the facility contains one of the following units located upstream of the storage vessels and is used to flash and capture flashing emissions, check the appropriate box.

Unit number: **N/A**

- Vapor Recovery Tower and VRU Compressor
- ULPS and VRU Compressor
- Flash Tower and VRU Compressor

Vapor Recovery Unit (VRU) located upstream of Storage Vessels: Check the box below if the facility is using a VRU to capture flashing emissions prior to any storage vessels to limit the PTE of the storage vessels to below applicability thresholds of NSPS OOOO or NSPS OOOOa. A process vs control determination should be prepared for this type of VRU application.

Unit number: **N/A**

- VRU capturing emissions prior to any storage vessel and routing directly to the sales pipeline

Vapor Recovery Unit (VRU) attached to Storage Vessels: Check the box below if this facility is using a VRU to reduce storage vessel emissions to limit the PTE to below NSPS OOOO or NSPS OOOOa applicability thresholds:

Unit number: **VRU-1**

- VRU controlling Storage Vessel emissions and the facility is subject to the requirements under NSPS OOOO, 40 CFR 60.5411
- VRU controlling Storage Vessel emissions and the facility is subject to the requirements under NSPS OOOOa, 40 CFR 60.5411a

Gas Combustion Scenarios: Read through the scenarios below and check the boxes next to any appropriate facility operating scenarios. Flares shall assume a destruction efficiency of 95%, unless the facility is subject to requirements for flares under 40 CFR 60.18, or a higher destruction efficiency (up to 98%) is supported by a manufacturer specification sheet (MSS) for that unit. If so, include the MSS.

A flare, vapor combustion unit (VCU), enclosed combustion device (ECD), thermal oxidizer (TO):

Unit number: **LP FLARE, COMB-1, COMB-2, VRU**

- Controls storage vessels in accordance with 40 CFR 60, Subpart OOOO or OOOOa. **COMB-2**
- Provides a federally enforceable control for the storage vessels to limit the PTE to below applicability thresholds of 40 CFR 60, Subpart OOOO or OOOOa. **COMB-2, VRU**
- Controls the glycol dehydrator **COMB-1**
- Controls the amine unit **LP FLARE**
- Controls truck loading **COMB-2**
- Operates only during maintenance events, such as VRU downtime, check one below: **COMB-2**
 - The emissions during VRU downtime are represented as uncontrolled VOC emissions from the compressor
 - The combustion emissions during VRU downtime are represented as controlled emissions from the combustion device
- Controls the facility during plant turnaround

Amine Unit: Provide the following information for each amine unit.

Design Capacity in MMscf/day	55
Rich Amine Flowrate in gal/min	427
Lean Amine Flowrate in gal/min	400
Mole Loading H ₂ S	0.7%
Sour Gas Input in MMscf/day	55

Glycol Dehydration Unit(s): Provide the following information for each glycol dehydration unit: Please include an extended gas analysis in Section 6 of this application.

Unit #	Glycol Pump Circulation Rate
DEHY-1	7 gpm

Voluntary Monitoring in Accordance with §40 CFR 60.5416(a): Check the box(s) to implement a program that meets the requirements of 40 CFR 60.5416(a). This monitoring program will be conducted in lieu of the monitoring requirements established in the GCP-Oil and Gas for individual equipment. Ceasing to implement this alternative monitoring must be reported in an updated Registration Form to the Department.

- Condition A205.B Control Device Options, Requirements, and Inspections for Tanks
- Condition A206.B Truck Loading Control Device Inspection
- Condition A206.C Vapor Balancing During Truck Loading
- Condition A209.A Vapor Recovery Unit or Department-approved Equivalent
- Condition A210.B Amine Unit Control Device Inspection

Fugitive H₂S Screening Threshold and Monitoring in accordance with Condition A212: Check the box that applies.

- Condition A212.A does not apply because the facility is below the fugitive H₂S screening threshold in Condition A212, or
- Condition A212.A applies. Because the facility is above the fugitive H₂S screening threshold in Condition A212, or the facility is voluntarily complying with Condition A212.A, and Condition A212.A applies

Section 6

Information Used to Determine Emissions

Hardcopy and Portal Submittals – complete this section

Check the box for each type of information submitted. This documentation is required, if applicable to the facility.

Failure to include applicable supporting documentation may result in application denial.

- Specifications for control equipment, including control efficiency specifications and sufficient engineering data for verification of control equipment operation, including design drawings, test reports, and design parameters that affect normal operation.
 - Engine or Generator Manufacturer specifications
 - Catalyst Manufacturer specifications (If a catalyst is being utilized to reduce emissions, the catalyst manufacturer emission factors must be used in all emission calculations. A 25% safety factor may be applied to each pollutant.
 - NSPS JJJJ emission factors **may not** be utilized in lieu of catalyst manufacture specifications when a catalyst is installed, and the catalysts manufacturer achieves higher control efficiency.
 - Flare Manufacturer specifications
 - Oil/Liquid Analysis: This data is required to match the inputs in all applicable emission calculations. For facilities that have not been constructed and a representative analysis is used it cannot be older than 1 year. For existing facilities, the gas analyses required by Condition A201.A (must be 1 year old or less).
 - Gas Analysis (must be 1 year old or less) This data is required to match the inputs in all applicable emission calculations.
 - Extended Gas Analysis (must be 1 year old or less) This data is required to match the inputs in all applicable emission calculations
 - If requesting to use a representative gas sample, include a discussion of why the sample is representative for this facility and an explanation of how it is representative (e.g., same reservoir, same similar API gravity, similar composition).
 - If test data are used, to support emissions calculations or to establish allowable emission limits, 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.
 - Fuel specifications sheet.
 - If computer models are used to estimate emissions, include an input summary and a detailed report, and a disk containing the input file used to run the model.
 - For tank-flashing emissions, include a discussion of the method used to estimate tank-flashing emissions, accuracy of the model, the **input and output** summary from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis.
-

Representative Gas Analysis Justification: This facility used a representative sample named **Lea County Extended Analysis**. This analysis represents a similar gas analysis expected to go through The Dude Processing Plant.

Compressor Engines (Units ENG-1 through ENG-7)

- Manufacturer Specification Sheet
- Catalyst Specification Sheet
- AP-42 Section 3.2

Mobile Turbine (Units TB-1)

- Manufacturer Specification Sheet
- AP-42 Section 3.1

Amine Unit (Unit Amine-1):

- BR&E ProMax
- Inlet Gas Analysis

Dehydrators (Units Dehy-1)

- BR&E ProMax
- Inlet Gas Analysis

Reboilers and Heaters (Units RBL-1, RBL-2, HO-1, HO-2, and HT-1)

- AP-42 Section 1.4
- Fuel Gas Analysis
- Manufacturer Specification Sheet (HO-1)

Flare (Unit IDs: HP FLARE and LP FLARE)

- AP-42 Section 1.4-1 & 2
- BR&E ProMax

Fugitives (Unit FUG-1)

- Facility gas analysis
- EPA Protocol for Equipment Leak Emission Estimate, 1995

Combustors (Unit IDs: COMB-1 and COMB-2)

- Manufacturer specification sheet
- AP-42 Table 1.4-1 & 1.4-2

Storage Tanks (Unit IDs: TK-1 to TK-8, PWTK-1 to PWTK-4)

- BR&E ProMax

Loading (Unit IDs: LOAD and PWLOAD)

- AP-42 Chapter 5.2
- BR&E ProMax

Unpaved Haul Roads – Exempt Unit (HAUL)

- AP-42 Section 13.2.2

Section 8A

Applicable State & Federal Regulations

Hardcopy and Portal Submittals – complete this section

Provide a discussion demonstrating compliance with each applicable state & federal regulation. All input cells should be filled in, even if the response is 'No' or 'N/A'.

In the "Justification" column, identify the criteria that are critical to the applicability determination, numbering each. For each unit listed in the "Applies to Unit No(s)" column, after each listed unit, include the lowest level citation of the applicable regulation. For each unit, list the information necessary to verify the applicability of the regulation, including date of manufacture, date of construction, size (hp), and combustion type. Doing so will provide the applicability criteria for each unit.

Applicable State Regulations:

State Regulation Citation	Title	Federally Enforceable	Overview of Regulation	Unit(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m ³ , 3. VOL)
20.2.1 NMAC	General Provisions	Yes	General Provisions apply to Notice of Intent, Construction, and Title V permit applications.	Facility	Yes	The conditions of this part are applicable to all regulated equipment and facilities within the state of New Mexico; thus, The Dude Processing Plant is subject to this regulation.
20.2.3 NMAC	Ambient Air Quality Standards NMAAQs	Yes	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.	Facility	Yes	This facility is an emission source of nitrogen dioxide, carbon monoxide, and sulfur compounds. The facility meets the maximum allowable concentrations of sulfur compounds, carbon monoxide, and nitrogen dioxide. As this site will be permitted under a GCP- Oil and Gas permit, NMAAQs have been shown to be met.
20.2.7 NMAC	Excess Emissions	Yes	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.	Facility	Yes	This regulation establishes requirements for the Station of operation results in any excess emission, the extent practicable, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions. The facility will also notify NMED of any excess emissions per 20.2.7.110 NMAC.

State Regulation Citation	Title	Federally Enforceable	Overview of Regulation		Unit(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m ³ , 3. VOL)
20.2.38 NMAC	Hydrocarbon Storage Facility	No	Use the regulation link then cut & paste applicable sections. 20.2.38 NMAC does not establish practically enforceable limits that can be used for PTE or PER calculations.		TK-1 to TK-8, PWTK-1 to PWTK-4	Yes	This facility has containers with a capacity greater than 20,000 gallons and has a throughput of over 30,000 gallons per week; therefore, this regulation applies.
20.2.50 NMAC	Oil and Gas Sector – Ozone Precursor Pollutants	No	This regulation establishes emission standards for volatile organic compounds (VOC) and oxides of nitrogen (NO _x) for oil and gas production, processing, compression, and transmission sources.	Check the box for the subparts that are applicable: <input checked="" type="checkbox"/> 113 – Engines and Turbines <input checked="" type="checkbox"/> 114 – Compressor Seals <input checked="" type="checkbox"/> 115 – Control Devices and Closed Vent Systems <input checked="" type="checkbox"/> 116 – Equipment Leaks and Fugitive Emissions <input type="checkbox"/> 117 – Natural Gas Well Liquid Unloading <input type="checkbox"/> 118 – Glycol Dehydrators <input checked="" type="checkbox"/> 119 – Heaters <input checked="" type="checkbox"/> 120 – Hydrocarbon Liquid Transfers <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	113—ENG-1 through ENG-7 are new natural gas-fired spark ignition engines. The units do not exceed the emission standards stated in 20.2.50.113.B(3) NMAC Table 2. This facility will comply with this regulation. 114—This facility has reciprocating compressors associated with new Eng-1 through ENG-7. Thus, this facility is subject to this subpart. The Dude Processing Plant will comply with this subpart as stated in 20.2.50.114.B(4) NMAC. 115—The new control device COMB-2 at this facility is used to comply with the requirements of this rule; therefore, the facility is subject to this requirement. 116—This facility will have equipment leaks and fugitive (new unit: FUG-1) emissions. Thus, this facility will comply with this regulation. 117—N/A—There are no liquid unloading operations that result in the venting of natural gas wells or natural gas wells at this facility. Therefore, this subpart does not apply. 118—N/A—The new DEHY-1 does not have a PTE equal to or greater than two tpy of VOC. Therefore, this subpart does not apply.		

State Regulation Citation	Title	Federally Enforceable	Overview of Regulation		Unit(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m ³ , 3. VOL)
							<p>119—HO-1 is a new natural gas-fired heater with a rated heat input equal to or greater than 20 MMBtu. This facility will comply with this regulation.</p> <p>120—This facility will truck out more than 13 times a year and is therefore subject to this subpart.</p> <p>121—N/A—This facility does not have pig launching VOC emissions. Therefore, this facility is not subject to this subpart.</p> <p>122—N/A—There are no natural gas-driven pneumatic controllers at this facility. Therefore, this facility is not subject to this subpart.</p> <p>123—N/A—This facility has less than 2 tpy maximum allowable VOC emissions. Thus, the facility is not subject to this subpart.</p> <p>124—N/A—There are no well workovers at this facility. Thus, the facility is not subject to this regulation.</p> <p>125—N/A—This facility does not qualify as a small business facility. Thus, the facility is not subject to this regulation.</p> <p>126—N/A—There are no produced water management units at this facility Thus, the facility is not subject to this regulation.</p> <p>127—N/A—There are no wells undergoing recompletion or new wells being completed at this facility. Thus, the facility is not subject to this regulation.</p>

State Regulation Citation	Title	Federally Enforceable	Overview of Regulation	Unit(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m ³ , 3. VOL)
20.2.61.109 NMAC	Smoke & Visible Emissions	No	Engines and heaters are Stationary Combustion Equipment. Specify units subject to this regulation.	ENG-1 to ENG-8, TB-1, RBL-1, RBL-2, HO-1, HO-2, HT-1, HP FLARE, LP FLARE, COMB-1, COMB-2	Yes	<p>The conditions of this part are applicable to all areas within the jurisdiction of the Environmental Improvement Board, and all pieces of subject equipment with defined limitations.</p> <p>This regulation limits opacity to 20% applies to Stationary Combustion Equipment, such as engines, turbines, boilers, heaters, combustors, and flares. This regulation is applicable to the following units-- ENG-1 to ENG-8, TB-1, RBL-1, RBL-2, HO-1, HO-2, HT-1, HP FLARE, LP FLARE, COMB-1, and COMB-2.</p>
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	<p>NOI: 20.2.73.200 NMAC applies to all facilities emitting over 10 TPY of any regulated air contaminate. Thus, permitted facilities are also subject to this rule. This GCP-O&G registration also serves the purpose of meeting 20.2.73 NMAC notification requirements.</p> <p>Emissions Inventory: 20.2.73.300. NMAC applies to facilities registering under the GCP.</p>	Facility	Yes – applies to all GCP-O&G registrations.	<p><i>Under 20.2.73.300.B(4) NMAC, NMED will periodically request emissions inventory reporting from minor source (expected each third year starting in 2020.)</i></p> <p><i>Under 20.2.73.300.B(1) NMAC, if fugitives result in PTE >100 tpy VOC, annual reporting is required.</i></p>
20.2.77 NMAC	New Source Performance	Yes	This is a stationary source which is subject to the requirements of 40 CFR Part 60, as amended on the date of certification.	ENG-1 through ENG-7, FUG, TB-1	Yes	This regulation establishes state authority to implement new source performance standards (NSPS) for stationary sources, as amended through January 15, 2017. FUG applies as it will be subject to NSPS OOOOb, and Units ENG-1 through ENG-6 will be subject to JJJJ and the compressors associated with the units will be subject to OOOOb. TB-1 will be subject to NSPS KKKK and GG.
20.2.78 NMAC	Emission Standards for HAPS	Yes	This facility emits hazardous air pollutants which are subject to the requirements of 40 CFR Part 61, as amended on the date of certification.	N/A	No	This regulation establishes state authority to implement national emission standards for hazardous air pollutants for stationary sources. This

State Regulation Citation	Title	Federally Enforceable	Overview of Regulation	Unit(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m ³ , 3. VOL)
						facility does not have any sources subject to this regulation.
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	This regulation applies to all sources emitting hazardous air pollutants, which are subject to the requirements of 40 CFR Part 63, as amended on the date of certification.	ENG-1 to ENG-7, TB-1, DEHY-1	Yes	The Dude Processing Plant includes equipment subject to requirements under 40 CFR Part 63 and will comply with the applicability rules as discussed in this session.

Applicable Federal Regulations:

Federal Regulation Citation	Title	Overview of Regulation	Units(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m ³ , 3. VOL)
40 CFR 50	National Primary and Secondary Ambient Air Quality Standards (NAAQS)	Applicable requirement per GCP-O&G Condition A103. Any national ambient air quality standard.	Facility	Yes	This regulation defines national ambient air quality standards. The Dude Processing Plant meets all applicable national ambient air quality standards for NO _x , CO, SO ₂ , H ₂ S, PM ₁₀ , PM _{2.5} under this regulation.
40 CFR 60, Subpart A	General Provisions	Applies if any other NSPS subpart applies.	ENG-1 to ENG-7, TB-1, FUG, TK-1 to TK-8 and PWTk-1 to PWTk-4	Yes	This regulation defines general provision for relevant standards that have been set under this part. The facility is subject to this regulation because the following subparts apply: - Unit FUG-1 is subject to NSPS OOOOb. - Units ENG-1 to ENG-7 are subject to JJJJ and will be subject to NSPS OOOOb. - Units TK-1 to TK-8 and PWTk-1 to PWTk-4 are subject to NSPS OOOOb. - Unit TB-1 is subject to KKKK and GG.
40 CFR 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 on or before September 18, 2015	If there is a standard or other requirement, then the facility is an "affected facility." Currently there are standards for: gas wells (60.5375); centrifugal compressors (60.5380); reciprocating compressors (60.5385); controllers (60.5390); storage vessels (60.5395); equipment leaks (60.5400); sweetening units (60.5405). If standards apply, list the unit number(s) and regulatory citation of the standard that applies to that unit (e.g. Centrifugal Compressors 1a-3a are subject to the standards at	N/A	No	This facility will be constructed after September 18, 2015. Thus, this regulation does not apply.

Federal Regulation Citation	Title	Overview of Regulation	Units(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m3, 3. VOL)
		60.5380(a)(1) and (2) since we use a control device to reduce emissions)			
40 CFR 60, Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	If there is a standard or other requirement, then the facility is an "affected facility." Currently there are standards for: gas wells (60.5375a); centrifugal compressors (60.5380a); reciprocating compressors (60.5385a); controllers (60.5390a); storage vessels (60.5395a); fugitive emissions at well sites and compressor stations (60.5397a); equipment leaks at gas plants (60.5400a); sweetening units (60.5405a).	N/A	No	This facility will be constructed after December 6, 2022. Thus, this facility is not subject to this regulation.
40 CFR 60, Subpart OOOOb	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After November 15, 2021	If there is a standard or other requirement, then the facility is an "affected facility."	ENG-1 to ENG-7, FUG, TK-1 to TK-8 and PWTK-1 to PWTK-4	Yes	The reciprocating compressors associated with ENG-1 through ENG-7 and FUG will comply with all applicable requirements. Tanks (TK-1 to TK-8 and PWTK-1 to PWTK-4) the total VOC emissions from all applicable tanks is greater than 6 tpy; therefore, this subpart applies.
40 CFR 60, Subpart IIII	Standards of performance for Stationary Compression Ignition Internal Combustion Engines	See 40 CFR 60.4200(a) 1 through 4 to determine applicable category and state engine size, fuel type, and date of manufacture.	N/A	No	This facility does not have any compression ignition internal combustion engines. This subpart does not apply.
40 CFR 60, Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	See 40 CFR 60.4230(a), 1 through 5 to determine applicable category and state engine size, fuel type, and date of manufacture.	ENG-1 to ENG-7	Yes	ENG-1 through ENG-7 are manufactured after June 12, 2006 and have maximum engine power greater than 500 hp. ENG-1 was manufactured October 4, 1994, but was reconstructed after June 12, 2006. Thus, the above engines are subject to this subpart.
40 CFR 60, Subpart KKKK	Standards of Performance for Stationary Combustion Turbines	See 40 CFR 60.4305(a) to determine applicability.	TB-1	Yes	TB-1 is a turbine and is subject to this subpart.
40 CFR 60, Subpart GG	Standards of Performance for Stationary Gas Turbines	See 40 CFR 60.33 to determine applicability.	TB-1	No	TB-1 is a turbine subject to this subpart but is exempt from requirements due to being regulated by and complying with Subpart KKKK.
40 CFR 63, Subpart A	General Provisions	Applies if any other subpart applies.	ENG-1 to ENG-7, DEHY-1	Yes	The station includes equipment subject to the requirements under 40 CFR Part 63 and will comply with the applicability rules as discussed in this section.

Federal Regulation Citation	Title	Overview of Regulation	Units(s) or Facility	Applies? (Yes or No)	Justification: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m3, 3. VOL)
40 CFR 63, Subpart HH	NESHAP for Glycol Dehydrators	See 40 CFR 63, Subpart HH	DEHY-1	Yes	The dehydrator is located at an area source of HAPS and has the potential to emit less than 1 tpy (0.90 megagram per year) of benzene. Therefore, the unit is only subject to the operating and recordkeeping requirements of §63.764(e)(1)(ii).
40 CFR 63, Subpart ZZZZ	NESHAP for Stationary Reciprocating Internal Combustion Engines (RICE MACT)	Facilities are subject to this subpart if they own or operate a stationary RICE, except if the stationary RICE is being tested at a stationary RICE test cell/stand.	ENG-1 to ENG-7	Yes	This regulation defines national emission standards for HAPs from stationary reciprocating Internal Combustion Engines. The engines (ENG-1 through ENG-7) are subject to MACT ZZZZ and comply by following the requirements of NSPS JJJJ.
40 CFR 63 Subpart YYYY	NESHAP for Stationary Combustion Turbines	Facilities are subject to this subpart if they own or operate a stationary combustion turbine located at a major source of HAP emissions.	TB-1	No	The turbine (TB-1) at this facility will not be subject because it is located at an area source of HAPs.

Section 8B

Compliance Test History and Disclosure Form

Hardcopy and Portal Submittals – complete this section

To evaluate the requirement for compliance tests, you must submit a compliance test history. The table below provides an example.

Compliance Test History Table

Unit No.	Test Description	Test Date
N/A- New Facility, No compliance test history at this time.		

**Air Permit Application
Compliance History Disclosure Form**

Pursuant to Subsection 74-2-7(S) of the New Mexico Air Quality Control Act ("AQCA"), NMSA §§ 74-2-1 to -17, the New Mexico Environment Department ("Department") may deny any permit application or revoke any permit issued pursuant to the AQCA if, within ten years immediately preceding the date of submission of the permit application, the applicant met any one of the criteria outlined below. In order for the Department to deem an air permit application administratively complete or issue an air permit for those permits without an administrative completeness determination process, the applicant must complete this Compliance History Disclosure Form as specified in Subsection 74-2-7(P). An existing permit holder (permit issued prior to June 18, 2021) shall provide this Compliance History Disclosure Form to the Department upon request.

Permittee/Applicant Company Name		Expected Application Submittal Date
Lea Midstream, LLC		August 22, 2024
Permittee/Company Contact	Phone	Email
James Hegar	(972) 922-0646	jhegar@producersmidstream.com
Within the 10 years preceding the expected date of submittal of the application, has the permittee or applicant:		
1	Knowingly misrepresented a material fact in an application for a permit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2	Refused to disclose information required by the provisions of the New Mexico Air Quality Control Act?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3	Been convicted of a felony related to environmental crime in any court of any state or the United States?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4	Been convicted of a crime defined by state or federal statute as involving or being in restraint of trade, price fixing, bribery, or fraud in any court of any state or the United States?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a	Constructed or operated any facility for which a permit was sought, including the current facility, without the required air quality permit(s) under 20.2.70 NMAC, 20.2.72 NMAC, 20.2.74 NMAC, 20.2.79 NMAC, or 20.2.84 NMAC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5b	If "No" to question 5a, go to question 6. If "Yes" to question 5a, state whether each facility that was constructed or operated without the required air quality permit met at least one of the following exceptions: a. The unpermitted facility was discovered after acquisition during a timely environmental audit that was authorized by the Department; or b. The operator of the facility estimated that the facility's emissions would not require an air permit, and the operator applied for an air permit within 30 calendar days of discovering that an air permit was required for the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6	Had any permit revoked or permanently suspended for cause under the environmental laws of any state or the United States?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	For each "yes" answer, please provide an explanation and documentation.	