

Texas Commission on Environmental Quality

Title V Existing

3958

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG PRETREATMENT FACILITY
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	2363 CR 690
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.979166
Longitude (W) (-###.#####)	95.306944
Primary SIC Code	1321
Secondary SIC Code	
Primary NAICS Code	211130
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN106481500
What is the name of the Regulated Entity (RE)?	FREEPORT LNG PRETREATMENT FACILITY
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	2363 CR 690 APPROXIMATELY 0.25 MI NORTH OF THE INTERSECTION OF CR 690 AND CR 891
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9791
Longitude (W) (-###.#####)	-95.3069
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	MOPPERT
Suffix	
Credentials	
Title	CHIEF OPERATING OFFICER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	7134158744
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mmoppert@freeporlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Prefix	FREEPORT LNG DEVELOPMENT LP
First	MR
Middle	MICHAEL
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST

Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
Zip	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeportlng.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	THONG MAN(FREEPORT LNG DE...)
Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	THONG
Middle	
Last	MAN
Suffix	PE
Credentials	
Title	REGULATORY COMPLIANCE ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	9792304820
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	tman@freeportlng.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 58 Min 45 Sec
3) Permit Longitude Coordinate:	95 Deg 18 Min 25 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	3958-39288
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	N/A

requirements?

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

OP-CRO1 Form - PTF O3958 Project 39288.pdf

Hash

32E5D2CD67B550A5F209B1BD9ED79278ED4417BAF80D0DE7CCE34C6D63C19EBD

MIME-Type

application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that

this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3958.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.129.119
Signature Date:	2026-02-09
Signature Hash:	D90074A386FF35E1EF533EEC55540921C926101CA23462BE3A2B4EA86E4E65BB
Form Hash Code at time of Signature:	60F7888F68B835781807B52A14DF87E6ECAF2224EE896537E3AA763F10EEEE9

Submission

Reference Number:	The application reference number is 890558
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2026-02-09 at 09:40:46 CST
Submitted From:	The application was submitted from IP address 163.116.129.119
Confirmation Number:	The confirmation number is 741720
Steers Version:	The STEERS version is 6.94
Permit Number:	The permit number is 3958

Additional Information

Application Creator: This account was created by Ishita Mathur

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information	
RN: RN106481500	
CN: CN601720345	
Account No.: BL-A057-E	
Permit No.: O3958	
Project No.: 39288	
Area Name: Freeport LNG Pretreatment Facility	
Company Name: Freeport LNG Development, L.P.	
II. Certification Type <i>(Please mark appropriate box)</i>	
<input type="checkbox"/> Responsible Official	<input checked="" type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>	
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Michael Stephenson</u> certify that I am the		<u>DAR</u>	
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From <u>11/04/2025</u> to <u>02/03/2026</u>			
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	
<i>(Date 3)</i>		<i>(Date 4)</i>	
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: 		Signature Date: <u>02/03/2026</u>	
Title: <u>Director of Regulatory Affairs</u>			

From: Thong Man <TMan@FreeportLNG.com>
Sent: Tuesday, February 3, 2026 2:28 PM
To: Kyle Murray
Cc: Michael Stephenson; Scott Brooks; Deborah Walden-Hersh; Sophia Gray
Subject: RE: [EXTERNAL]: WDP -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility
Attachments: OP-CRO1 Form - PTF O3958 Project 39288.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Thanks, Kyle! We approved the WDP for Title V Permit O3958. The OP-CRO1 form is attached to certify all application updates.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information	
RN: RN106481500	
CN: CN601720345	
Account No.: BL-A057-E	
Permit No.: O3958	
Project No.: 39288	
Area Name: Freeport LNG Pretreatment Facility	
Company Name: Freeport LNG Development, L.P.	
II. Certification Type <i>(Please mark appropriate box)</i>	
<input type="checkbox"/> Responsible Official	<input checked="" type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>	
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Michael Stephenson</u> certify that I am the		<u>DAR</u>	
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From <u>11/04/2025</u>		to <u>02/03/2026</u>	
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	
<i>(Date 3)</i>		<i>(Date 4)</i>	
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: 		Signature Date: <u>02/03/2026</u>	
Title: <u>Director of Regulatory Affairs</u>			

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Wednesday, January 28, 2026 4:02 PM

To: Thong Man <TMan@FreeportLNG.com>

Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>; Sophia Gray <Sophia.Gray@trinityconsultants.com>

Subject: RE: [EXTERNAL]: WDP -- FOP 03958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility

Good afternoon all,

Attached is the revised WDP for your application. I have included all revisions referenced in your response and WDP comments. Please review and get back to me with any additional comments by **Wednesday February 4th, or sooner if possible**. If you have no further comments, please indicate your approval of the WDP and we will move towards the next stage of the application process. I will also ask you to certify all application updates upon your approval of the WDP. Let me know if you have any questions. Thank you!

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Thong Man <TMan@FreeportLNG.com>
Sent: Tuesday, January 20, 2026 1:44 PM
To: Kyle Murray
Cc: Michael Stephenson; Scott Brooks; Deborah Walden-Hersh; Sophia Gray
Subject: RE: [EXTERNAL]: WDP -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility
Attachments: Final PTF TV Response Ltr (2026-0120).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Kyle,

Please see attached the Freeport LNG TV Significant Revision Information Request Response for the Pretreatment Facility, including all applicable revised forms. Please let us know when you may have the revised draft permit for our review and if there is any additional information that you need.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073





January 20, 2026

Mr. Kyle Murray
Texas Commission on Environmental Quality
Air Permits Division, MC 163
P.O. Box 13087
Austin, Texas 78711-3087

Subject: Freeport LNG TV Significant Revision Information Request Response
Permit Number: FOP 03958; TCEQ Project No. 39288
Freeport LNG Pretreatment Facility
Freeport, Brazoria County
Regulated Entity Number: RN106481500
Customer Reference Number: CN601720345

Dear Mr. Murray:

Freeport LNG Development, L.P. (Freeport LNG) owns and operates a natural gas Pretreatment Facility located near Freeport, Texas. Freeport LNG has been assigned Texas Commission on Environmental Quality (TCEQ) Customer Number (CN) 601720345. The Pretreatment Facility has been assigned TCEQ Air Quality Account No. BL-A057-E and Regulated Entity Number (RN) 106481500. The Pretreatment Facility is authorized under TCEQ New Source Review (NSR) Permit No. 104840 and Title V Permit No. 03958.

Freeport LNG submitted an application for a significant revision to the existing Title V Permit No. 03958 on November 4, 2025 which has been assigned TCEQ Project No. 39288. Please find the enclosed responses to the questions provided by email, dated December 17, 2025. Requests are included below in italics with Freeport LNG's responses following in bold.

- 1. Form OP-SUMR - Please submit Form OP-SUMR depicting the additional non-attainment permit, N170M1, that was added as an NSR authorization for several units.*

Form OP-SUMR is attached to this letter in Attachment 1. For clarification, Form OP-SUMR updates the Nonattainment New Source Review Permit No. N170 to N170M1 due to the recent amendment of this permit for several units.

- 2. Form OP-ACPS – Please submit an updated Form OP-ACPS now that the existing compliance situation has been resolved. I will update your permit terms and remove the compliance schedule.*

Form OP-ACPS is attached to this letter in Attachment 2.

- 3. Form OP-REQ1 – Part of this update is associated with the pending NSR amendment for this site. Please submit an update OP-REQ1, Page 88 & 89, with the most recent issuance dates for all listed authorizations.*

Form OP-REQ1, pages 88 & 89, is attached to this letter in Attachment 3 including the most recent issuance dates for the NSR and NNSR permit.

Mr. Kyle Murray – Page 2
January 20, 2026

4. *Major NSR Summary Table – Please review the Major NSR Summary Table and provide any necessary updates associated with the pending NSR updates. If there are no further updates required, then please confirm this.*

Freeport has reviewed the NSR Summary Table and confirmed the only additional change required to the table is the NSR Permit issuance date. This date has been updated, and the table is included in Attachment 4 of this letter and electronically.

If you have any questions regarding this application update letter, please contact Thong Man, Freeport LNG, at (979) 230-4820, or by email at tman@freeportlng.com.

Sincerely,

FREEPORT LNG

A handwritten signature in blue ink, appearing to read "Mike Stephenson", is written over a horizontal line.

Mike Stephenson
Director, Regulatory Affairs

Attachments and Enclosure

cc: EPA Region 6
Mr. Joseph Doby, TCEQ Region 12 – Houston
Mr. Thong Man, Freeport LNG
Ms. Deborah Walden-Hersh, Trinity Consultants

Attachment 1
TCEQ OP-SUMR Form

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	60K-11A	OP-UA15	Booster compressors lube oil vent		104840	N170M1
	1	60K-11ATK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	60K-11B	OP-UA15	Booster compressors lube oil vent		104840	N170M1
	1	60K-11BTK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	60K-11C	OP-UA15	Booster compressors lube oil vent		104840	N170M1
	1	60K-11CTK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	60K-40A	OP-UA15	Residue compressor lube oil vent		104840	N170M1
	1	60K-40ATK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	60K-40B	OP-UA15	Residue compressor lube oil vent		104840	N170M1
	1	60K-40BTK	OP-UA15	Lube oil run down tank vent		104840	N170M1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	60K-40C	OP-UA15	Residue compressor lube oil vent		104840	N170M1
	1	60K-40CTK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	60V-89	OP-UA14	Closed drain drum		104840	N170M1
	1	61K-30	OP-UA15	Regen gas compressor lube oil vent		104840	N170M1
	1	61K-43A	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	61K-43B	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	61V-89	OP-UA14	Closed drain drum		104840	N170M1
	1	62K-30	OP-UA15	Regen gas compressor lube oil vent		104840	N170M1
	1	62K-43A	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	62K-43B	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	62V-89	OP-UA14	Closed drain drum		104840	N170M1
	1	63K-30	OP-UA15	Regen gas compressor lube oil vent		104840	N170M1
	1	63K-43A	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	63K-43B	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	63V-89	OP-UA14	Closed drain drum		104840	N170M1
	1	64K-30	OP-UA15	Regen gas compressor lube oil vent		104840	N170M1
	1	64K-40	OP-UA15	Regen gas compressor lube oil vent		104840	N170M1
	1	64K-43A	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	64K-43B	OP-UA15	Debutanizer overhead compressor lube oil vent		104840	N170M1
	1	65B-81A	OP-UA5	Heat medium heater A		104840	N170M1

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	65B-81B	OP-UA5	Heat medium heater B		104840	N170M1
	1	65B-81C	OP-UA5	Heat medium heater C		104840	N170M1
	1	65B-81D	OP-UA5	Heat medium heater D		104840	N170M1
	1	65B-81E	OP-UA5	Heat medium heater E		104840	N170M1
	1	67T-90	OP-UA3	Amine tank		104840	N170M1
	1	67T-90	OP-UA4	Amine tank unloading		104840	N170M1
	1	69B-81A	OP-UA5	Heat medium heater 69A		104840	N170M1
	1	69B-81B	OP-UA5	Heat medium heater 69B		104840	N170M1
	1	69B-81C	OP-UA5	Heat medium heater 69C		104840	N170M1
	1	69K-11A	OP-UA15	Booster compressors lube oil vent		104840	N170M1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	69K-11ATK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	69K-40A	OP-UA15	Residue compressor lube oil vent		104840	N170M1
	1	69K-40ATK	OP-UA15	Lube oil run down tank vent		104840	N170M1
	1	AU1	OP-UA10, OP-UA15	Amine unit 1	Y	104840	N170M1
	1	AU2	OP-UA10, OP-UA15	Amine unit 2	Y	104840	N170M1
	1	AU3	OP-UA10, OP-UA15	Amine unit 3	Y	104840	N170M1
	1	AU4	OP-UA10, OP-UA15	Amine unit 4	Y	104840	N170M1
	1	CT	OP-UA11	Combustion turbine		104840	N170M1
	1	FUG-TREAT	OP-UA12	Fugitive emissions - Trains 1, 2, 3		104840	N170M1
	1	FUG-TRN4	OP-UA12	Fugitive emissions - Train 4		104840	N170M1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	LUBVENT	OP-UA15	Lube oil vent		104840	N170M1
	1	PTF4FLRPSV	OP-UA15	PSV/compressor & pump seal vents to flare-Train 4	Y	104840	N170M1
	1	PTFEAC-1	OP-UA2	Emergency air compressor		104840	N170M1
	1	PTFEAC-2	OP-UA2	Emergency air compressor		104840	N170M1
	1	PTFEACT-1	OP-UA3	Emergency air compressor diesel tank		104840	N170M1
	1	PTFEACT-1	OP-UA4	Emergency air compressor tank unloading		104840	N170M1
	1	PTFEACT-2	OP-UA3	Emergency air compressor diesel tank		104840	N170M1
	1	PTFEACT-2	OP-UA4	Emergency air compressor tank unloading		104840	N170M1
	1	PTFEG-1	OP-UA2	Emergency generator (DFEJ)		104840	N170M1
	1	PTFEG-2	OP-UA2	Emergency generator (DFEJ)		104840	N170M1

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	PTFEG-3	OP-UA2	Emergency generator (DFEJ)		104840	N170M1
	1	PTFEG-4	OP-UA2	Emergency generator (DQFAH)		104840	N170M1
	1	PTFEG-5	OP-UA2	Emergency generator (DQFAH)		104840	N170M1
	1	PTFEG-6	OP-UA2	Emergency generator (DFEJ)		104840	N170M1
	1	PTFEGT-1	OP-UA3	Emergency generator (DFEJ) diesel tank		104840	N170M1
	1	PTFEGT-1	OP-UA4	Emergency generator (DFEJ) tank unloading		104840	N170M1
	1	PTFEGT-2	OP-UA3	Emergency generator (DFEJ) diesel tank		104840	N170M1
	1	PTFEGT-2	OP-UA4	Emergency generator (DFEJ) tank unloading		104840	N170M1
	1	PTFEGT-3	OP-UA3	Emergency generator (DFEJ) diesel tank		104840	N170M1
	1	PTFEGT-3	OP-UA4	Emergency generator (DFEJ) tank unloading		104840	N170M1

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	PTFEGT-4	OP-UA3	Emergency generator (DQFAH) diesel tank		104840	N170M1
	1	PTFEGT-4	OP-UA4	Emergency generator (DQFAH) tank unloading		104840	N170M1
	1	PTFEGT-5	OP-UA3	Emergency generator (DQFAH) diesel tank		104840	N170M1
	1	PTFEGT-5	OP-UA4	Emergency generator (DQFAH) tank unloading		104840	N170M1
	1	PTFEGT-6	OP-UA3	Emergency generator (DFEJ) diesel tank		104840	N170M1
	1	PTFEGT-6	OP-UA4	Emergency generator (DFEJ) tank unloading		104840	N170M1
	1	PTFFLARE	OP-UA7, OP-UA15	PTF flare	Y	104840	N170M1
	1	PTFFLAREMSS	OP-UA15	MSS vent to flare	Y	104840	N170M1
	1	PTFFLRPSV	OP-UA15	PSV/compressor & pump seal vents flare-Train 1,2,3	Y	104840	N170M1
	1	PTFFWP	OP-UA2	Fire water pump		104840	N170M1

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	PTFFWP2	OP-UA2	Fire water pump (TRAIN 4)		104840	N170M1
	1	PTFFWPT-1	OP-UA3	Fire water pump tank 1		104840	N170M1
	1	PTFFWPT-1	OP-UA4	Fire water pump tank unloading		104840	N170M1
	1	PTFFWPT-2	OP-UA3	Fire water pump tank 2		104840	N170M1
	1	PTFFWPT-2	OP-UA4	Fire water pump tank 2 unloading		104840	N170M1
	1	PTFHMT	OP-UA3	Heat medium tank - Trains 1, 2, 3		104840	N170M1
	1	PTFHMT	OP-UA4	Heat medium tank unloading - Trains 1, 2, 3		104840	N170M1
	1	PTFHMT-T4	OP-UA3, OP-UA4	Heat medium tank - Trains 4		104840	N170M1
	1	PTFOWT	OP-UA3	Oily water tank - Trains 1, 2, 3		104840	N170M1
	1	PTFOWT	OP-UA4	Oily water tank loading - Trains 1, 2, 3		104840	N170M1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	PTFOWT-T4	OP-UA3	Oily water tank - Trains 1, 2, 3		104840	N170M1
	1	PTFOWT-T4	OP-UA4	Oily water tank loading - Trains 1, 2, 3		104840	N170M1
	1	PTFSOT	OP-UA3	Oily water tank - Train 4		104840	N170M1
	1	PTFSOT	OP-UA4	Oily water tank loading - Train 4		104840	N170M1
	1	PTFSOT-T4	OP-UA3	Slop oil tank - Trains 1, 2, 3		104840	N170M1
	1	PTFSOT-T4	OP-UA4	Slop oil tank loading - Trains 1, 2, 3		104840	N170M1

Attachment 2
TCEQ OP-ACPS Form

**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 01/20/2026	Regulated Entity No.: RN106481500	Permit No.: O3958
Company Name: Freeport LNG Development, L.P.		Area Name: Pretreatment Facility

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
<p>* <i>For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</i></p> <p><i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i></p>	

Attachment 3
TCEQ OP-REQ1 Form

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N170M1	12/19/2025	NO _x			

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/20/2026	O3958	RN106481500

For SOP applications, answer ALL questions unless otherwise directed.

- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
104840	12/19/2025				

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.122	09/04/2000	106.532	09/04/2000		
106.263	11/01/2001				
106.265	09/04/2000				
106.352	11/22/2012				
106.355	11/01/2001				
106.412	09/04/2000				
106.452	09/04/2000				
106.472	09/04/2000				

- ◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

Attachment 4
Major NSR Summary Table

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
65B-81A	Heating Medium Heater A	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81B	Heating Medium Heater B	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81C	Heating Medium Heater C	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81D	Heating Medium Heater D	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
65B-81E	Heating Medium Heater E	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81A through 81E	Heating Medium Heaters A through E Annual Emissions Cap	NOx	-	4.58	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	-	13.94			
		VOC	-	5.70			
		PM	-	5.29			
		PM10	-	5.29			
		PM2.5	-	5.29			
		SO2	-	11.33			
H2SO4 (7)	-	0.87					
69B-81A	Heating Medium Heater 69A	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
NH3	0.62	-					
69B-81B	Heating Medium Heater 69B	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
NH3	0.62	-					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
69B-81C	Heating Medium Heater 69C	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
69B-81A through 81C	Heating Medium Heaters, A through C Annual Emission Cap	NOx	-	2.80	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	-	4.27			
		VOC	-	2.18			
		PM	-	8.09			
		PM10	-	8.09			
		PM2.5	-	8.09			
		SO2	-	17.34			
		H2SO4 (7)	-	1.33			
TO1	Amine Unit/ Thermal Oxidizer 61	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
TO2	Amine Unit/ Thermal Oxidizer 62	H2S	0.12	0.54	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		NOx	0.28	1.21			
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
H2SO4 (7)	0.08	0.36					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
TO3	Amine Unit/ Thermal Oxidizer 63	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
TO4	Amine Unit/ Thermal Oxidizer 64	H2S	0.12	0.54	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		NOx	0.28	1.21			
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
CT	Combustion Turbine	H2SO4 (7)	0.08	0.36	3, 9, 10, 13, 18, 19, 20, 21, 22	3, 9, 10, 13, 19, 20, 21, 22, 36	3, 18, 19, 20, 21
		H2S	0.12	0.54			
		NOx	8.09	30.73			
		NOx (MSS)	87.00				
		CO	9.85	37.07			
		CO (MSS)	57.00				
		VOC	0.34	1.27			
		VOC (MSS)	1.27				
		PM	10.00	43.80			
		PM (MSS)	2.90				
		PM10	10.00	43.80			
		PM10 (MSS)	2.90				
		PM2.5	10.00	43.80			
		PM2.5 (MSS)	2.90				
LUBVENT	Lube Oil Vent	SO2	4.08	11.98			
		H2SO4 (7)	0.43	0.73			
		NH3	14.95	56.27			
		VOC	0.05	0.22			
		PM	0.05	0.22			
		PM10	0.05	0.22			
		PM2.5	0.05	0.22			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFFLARE	PTF Flare (Before construction of flare gas recovery and Train 4)	NO _x	149.31	39.60	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	2010.41				
		CO	594.63	155.37			
		CO (MSS)	8006.66				
		VOC	39.15	1.36			
		VOC (MSS)	420.38				
		SO ₂	5.37	1.47			
		SO ₂ (MSS)	52.66				
H ₂ S	0.01	<0.01					
H ₂ S (MSS)	0.11						
PTFFLARE	PTF Flare (Before construction of Train 4 and after construction of flare gas recovery)	NO _x	0.27	4.99	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	1861.37				
		CO	1.06	19.88			
		CO (MSS)	7413.09				
		VOC	0.05	0.22			
		VOC (MSS)	381.28				
		SO ₂	0.01	0.23			
		SO ₂ (MSS)	47.30				
H ₂ S	<0.01	<0.01					
H ₂ S (MSS)	0.10						
PTFFLARE	PTF Flare (After construction of Train 4 and flare gas recovery)	NO _x	0.27	5.47	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	2037.28				
		CO	1.06	21.78			
		CO (MSS)	8113.70				
		VOC	0.05	0.49			
		VOC (MSS)	479.64				
		SO ₂	0.01	0.23			
		SO ₂ (MSS)	47.31				
H ₂ S	<0.01	<0.01					
H ₂ S (MSS)	0.10						
PTFFWP	Fire Water Pump	NO _x	2.56	0.13	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.67	0.03			
		VOC	0.09	<0.01			
		PM	0.08	<0.01			
		PM10	0.08	<0.01			
		PM2.5	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		H ₂ SO ₄ (7)	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFFWP2	Fire Water Pump (Train 4)	NOx	2.56	0.13	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.67	0.03			
		VOC	0.09	<0.01			
		PM	0.08	<0.01			
		PM10	0.08	<0.01			
		PM2.5	0.08	<0.01			
		SO2	<0.01	<0.01			
H2SO4 (7)	<0.01	<0.01					
PTFEG-1	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
H2SO4 (7)	<0.01	<0.01					
PTFEG-2	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
H2SO4 (7)	<0.01	<0.01					
PTFEG-3	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
H2SO4	<0.01	<0.01					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEG-4	Emergency Generator (DQFAH)	NOx	1.38	0.03	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	2.00	0.05			
		VOC	0.13	<0.01			
		PM	0.07	<0.01			
		PM10	0.07	<0.01			
		PM2.5	0.07	<0.01			
		SO2	0.02	<0.01			
		H2SO4	<0.01	<0.01			
PTFEG-5	Emergency Generator (DQFAH)	NH3	0.51	0.01	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		NOx	1.38	0.03			
		CO	2.00	0.05			
		VOC	0.13	<0.01			
		PM	0.07	<0.01			
		PM10	0.07	<0.01			
		PM2.5	0.07	<0.01			
		SO2	0.02	<0.01			
PTFEG-6	Emergency Generator (DFEJ)	H2SO4	<0.01	<0.01	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		NOx	8.57	0.21			
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
PTFEAC-1	Emergency Air Compressor	H2SO4	<0.01	<0.01	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		NOx	1.87	0.05			
		CO	1.73	0.04			
		VOC	0.10	<0.01			
		PM	0.10	<0.01			
		PM10	0.10	<0.01			
		PM2.5	0.10	<0.01			
		SO2	<0.01	<0.01			
PTFEAC-1	Emergency Air Compressor	H2SO4	<0.01	<0.01	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		NH3	0.14	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEAC-2	Emergency Air Compressor	NOx	1.87	0.05	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	1.73	0.04			
		VOC	0.10	<0.01			
		PM	0.10	<0.01			
		PM10	0.10	<0.01			
		PM2.5	0.10	<0.01			
		SO2	<0.01	<0.01			
		H2SO4	<0.01	<0.01			
FUG-TREAT	Pretreatment 1-3 VOC Fugitives (6)	VOC	1.05	4.62	14, 15, 16, 17	14, 15, 16, 17, 36	14, 17
		VOC (8)	1.08	4.72			
		H2S	<0.01	<0.01			
FUG-TRN4	Pretreatment Train 4 VOC Fugitives (6)	VOC	0.35	1.54	14, 15, 16, 17	14, 15, 16, 17, 36	14, 17
		VOC (8)	0.39	1.71			
		H2S	<0.01	<0.01			
FUG-CT	Pretreatment Ammonia Fugitives (6)	NH3	0.12	0.51	13	13, 36	
FUG-HTR	Heater Ammonia Fugitives (6)	NH3	0.12	0.51	13	13, 36	
67Z-97-Z1	Ammonia Loading	NH3	<0.01	<0.01	13	13, 36	
PTFSOT	Slop Oil Tank	VOC	<0.01	<0.01			
PTFOWT	Oily Water Tank	VOC	<0.01	<0.01			
PTFHMT	Heating Medium Tank	VOC	3.57	0.01			
PTFSOT-T4	Slop Oil Tank	VOC	<0.01	<0.01			
PTFOWT-T4	Oily Water Tank	VOC	<0.01	<0.01			
PTFHMT-T4	Heating Medium Tank	VOC	3.57	0.01			
67T-90	Amine Storage Tank	VOC	<0.01	<0.01			
PTFFWPT-1	Diesel Firewater Pump Tank	VOC	0.01	<0.01			
PTFFWPT-2	Diesel Fire Water Pump Tank 2	VOC	0.01	<0.01			
PTFEGT-1	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEGT-2	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			
PTFEGT-3	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			
PTFEGT-4	Diesel Emergency Generator (DQFAH) Tank	VOC	0.01	<0.01			
PTFEGT-5	Diesel Emergency Generator (DQFAH) Tank	VOC	0.01	<0.01			
PTFEGT-6	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			
PTFEACT-1	Diesel Emergency Air Compressor Tank	VOC	0.01	<0.01			
PTFEACT-2	Diesel Emergency Air Compressor Tank	VOC	0.01	<0.01			
60K-11A	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11B	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11C	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-11A	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
60K-11ATK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11BTK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11CTK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-11ATK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40A	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40B	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40C	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-40A	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K40ATK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
60K40BTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K40CTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K40CTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
64K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: 12/19/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
64K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
64K-40	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
MSS-FUG1-3	Fugitives - Train 1- 3 Vessel Opening for Maintenance	VOC	5.05	0.01	32, 33, 34	32, 33, 34,36	32, 33, 34
		H ₂ S	<0.01	<0.01			
MSS-FUG4	Fugitives - Train 4 Vessel Opening for Maintenance	VOC	5.05	<0.01	32, 33, 34	32, 33, 34, 36	32, 33, 34
		H ₂ S	<0.01	<0.01			

Major NSR Summary Table							
Permit Numbers: 104840 and N170M1				Issuance Date: 12/19/2025			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
All	Sitewide Emissions	Individual HAPs	---	10.00			
		Total HAPs	---	25.00			

(1) Emission point identification – either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM2.5

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

SO₂ - sulfur dioxide

H₂SO₄ - sulfuric acid mist

H₂S - hydrogen sulfide

NH₃ - ammonia

MSS - maintenance, startup, and shutdown

HAPs - hazardous air pollutant as listed in §112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. Annual emission rates for each source include planned SS emissions.

(5) Planned startup and shutdown (SS) lbs/hr emission for pollutants are authorized even if not specifically identified as SS.

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(7) Sulfuric acid mist is a subset of PM2.5 emissions.

(8) After construction of the flare gas recovery project.

From: Kyle Murray <Kyle.Murray@tceq.texas.gov>

Sent: Wednesday, December 17, 2025 8:34 AM

To: Thong Man <TMan@FreeportLNG.com>

Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>; Sophia Gray <Sophia.Gray@trinityconsultants.com>

Subject: RE: [EXTERNAL]: WDP -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility

Good morning all,

I have reviewed your comments on the WDP and have listed some minor items that I will need in order to document your requested changes. You may wait until the pending NSR Amendments have been finalized before submitting the OP-REQ1. I will not provide a deadline at this time but will continue to monitor the status of those updates.

1. **Form OP-SUMR** - Please submit Form OP-SUMR depicting the additional non-attainment permit, N170M1, that was added as an NSR authorization for several units.
2. **Form OP-ACPS** – Please submit an updated Form OP-ACPS now that the existing compliance situation has been resolved. I will update your permit terms and remove the compliance schedule.
3. **Form OP-REQ1** – Part of this update is associated with the pending NSR amendment for this site. Please submit an updated OP-REQ1, Page 88 & 89, with the most recent issuance dates for all listed authorizations.
4. **Major NSR Summary Table** – Please review the Major NSR Summary Table and provide any necessary updates associated with the pending NSR updates. If there are no further updates required, then please confirm this.

Let me know if you would have any questions. Thank you!

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Thong Man <TMan@FreeportLNG.com>
Sent: Thursday, December 4, 2025 10:25 AM
To: Kyle Murray
Cc: Michael Stephenson; Scott Brooks; Deborah Walden-Hersh; Sophia Gray
Subject: RE: [EXTERNAL]: WDP -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility
Attachments: WDP - O3958 Freeport LNG (Significant, 38288)_Comments.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Kyle,

We reviewed the Working Draft Permit (WDP) for O3958 and had some comments. Please let us know if you have any questions.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Kyle Murray <Kyle.Murray@tceq.texas.gov>
Sent: Thursday, November 20, 2025 7:42 PM
To: Thong Man <TMan@FreeportLNG.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Cc: Sophia Gray <Sophia.Gray@trinityconsultants.com>; Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: [EXTERNAL]: WDP -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility

Good evening all,

I have conducted a technical review of the significant revision application for Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Please review the WDP and submit to me any

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Nonattainment (NA) Permits	
NA Permit No.: N170M1	Issuance Date: Pending10/02/2020
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 104840	Issuance Date: Pending10/02/2020
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.352	Version No./Date: 11/22/2012
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

Commented [IM1]: Kyle, just inserting this as a placeholder for future updating.

Commented [IM2]: Kyle, just inserting this as a placeholder for future updating.

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
60K-11A	BOOSTER COMPRESSORS LUBE OIL VENT	104840, N470N170M1
60K-11ATK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
60K-11B	BOOSTER COMPRESSORS LUBE OIL VENT	104840, N470N170M1
60K-11BTK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
60K-11C	BOOSTER COMPRESSORS LUBE OIL VENT	104840, N470N170M1
60K-11CTK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
60K-40A	RESIDUE COMPRESSOR LUBE OIL VENT	104840, N470N170M1
60K-40ATK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
60K-40B	RESIDUE COMPRESSOR LUBE OIL VENT	104840, N470N170M1
60K-40BTK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
60K-40C	RESIDUE COMPRESSOR LUBE OIL VENT	104840, N470N170M1
60K-40CTK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
60V-89	CLOSED DRAIN DRUM	104840, N470N170M1
61K-30	REGEN GAS COMPRESSOR LUBE OIL VENT	104840, N470N170M1
61K-43A	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
61K-43B	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
61V-89	CLOSED DRAIN DRUM	104840, N470N170M1
62K-30	REGEN GAS COMPRESSOR LUBE OIL VENT	104840, N470N170M1
62K-43A	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
62K-43B	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
62V-89	CLOSED DRAIN DRUM	104840, N470N170M1

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
63K-30	REGEN GAS COMPRESSOR LUBE OIL VENT	104840, N470N170M1
63K-43A	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
63K-43B	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
63V-89	CLOSED DRAIN DRUM	104840, N470N170M1
64K-30	REGEN GAS COMPRESSOR LUBE OIL VENT	104840, N470N170M1
64K-40	REGEN GAS COMPRESSOR LUBE OIL VENT	104840, N470N170M1
64K-43A	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
64K-43B	DEBUTANIZER OVERHEAD COMPRESSOR LUBE OIL VENT	104840, N470N170M1
65B-81A	HEAT MEDIUM HEATER A	104840, N470N170M1
65B-81B	HEAT MEDIUM HEATER B	104840, N470N170M1
65B-81C	HEAT MEDIUM HEATER C	104840, N470N170M1
65B-81D	HEAT MEDIUM HEATER D	104840, N470N170M1
65B-81E	HEAT MEDIUM HEATER E	104840, N470N170M1
65U-60	OILY WATER STORMCEPTOR - UNIT 60	106.532/09/04/2000
65U-61	OILY WATER STORMCEPTOR - UNIT 61	106.532/09/04/2000
65U-62	OILY WATER STORMCEPTOR - UNIT 62	106.532/09/04/2000
65U-63	OILY WATER STORMCEPTOR - UNIT 63	106.532/09/04/2000
65U-64	OILY WATER STORMCEPTOR - UNIT 64	106.532/09/04/2000
65U-65	OILY WATER STORMCEPTOR - UNIT 65	106.532/09/04/2000
65U-66	OILY WATER STORMCEPTOR - UNIT 66	106.532/09/04/2000
65U-67	OILY WATER STORMCEPTOR - UNIT 67	106.532/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
65U-68	OILY WATER STORMCEPTOR - UNIT 68	106.532/09/04/2000
65U-69	OILY WATER STORMCEPTOR - UNIT 69	106.532/09/04/2000
67T-90	AMINE TANK	104840, N470N170M1
67T-90	AMINE TANK UNLOADING	104840, N470N170M1
69B-81A	HEAT MEDIUM HEATER 69A	104840, N470N170M1
69B-81B	HEAT MEDIUM HEATER 69B	104840, N470N170M1
69B-81C	HEAT MEDIUM HEATER 69C	104840, N470N170M1
69K-11A	BOOSTER COMPRESSORS LUBE OIL VENT	104840, N470N170M1
69K-11A-Z1	BOOSTER COMPRESSOR LUBE OIL SKID	106.352/11/22/2012
69K-11A-Z1-V3	BOOSTER COMPRESSOR LUBE OIL RUNDOWN TANK	106.352/11/22/2012
69K-11ATK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
69K-40A	RESIDUE COMPRESSOR LUBE OIL VENT	104840, N470N170M1
69K-40A-Z1	RESIDUE GAS COMPRESSOR LUBE OIL SKID	106.352/11/22/2012
69K-40A-Z1-V3	RESIDUE GAS COMPRESSOR LUBE OIL RUNDOWN TANK	106.352/11/22/2012
69K-40ATK	LUBE OIL RUN DOWN TANK VENT	104840, N470N170M1
69T-90	AMINE STORAGE TANK TRAIN 4	106.472/09/04/2000
69T-90	AMINE STORAGE TANK TRAIN 4 UNLOADING	106.472/09/04/2000
AU1	AMINE UNIT 1	104840, N470N170M1
AU2	AMINE UNIT 2	104840, N470N170M1
AU3	AMINE UNIT 3	104840, N470N170M1
AU4	AMINE UNIT 4	104840, N470N170M1

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
CT	COMBUSTION TURBINE	104840, N470N170M1
FUG-TREAT	FUGITIVE EMISSIONS - TRAINS 1, 2, 3	104840, N470N170M1
FUG-TRN4	FUGITIVE EMISSIONS - TRAIN 4	104840, N470N170M1
LUBVENT	LUBE OIL VENT	104840, N470N170M1
PTF4FLRPSV	PSV/COMPRESSOR & PUMP SEAL VENTS TO FLARE-TRAIN 4	104840, N470N170M1
PTFEAC-1	EMERGENCY AIR COMPRESSOR	104840, N470N170M1
PTFEAC-2	EMERGENCY AIR COMPRESSOR	104840, N470N170M1
PTFEACT-1	EMERGENCY AIR COMPRESSOR DIESEL TANK	104840, N470N170M1
PTFEACT-1	EMERGENCY AIR COMPRESSOR TANK UNLOADING	104840, N470N170M1
PTFEACT-2	EMERGENCY AIR COMPRESSOR DIESEL TANK	104840, N470N170M1
PTFEACT-2	EMERGENCY AIR COMPRESSOR TANK UNLOADING	104840, N470N170M1
PTFEG-1	EMERGENCY GENERATOR (DFEJ)	104840, N470N170M1
PTFEG-2	EMERGENCY GENERATOR (DFEJ)	104840, N470N170M1
PTFEG-3	EMERGENCY GENERATOR (DFEJ)	104840, N470N170M1
PTFEG-4	EMERGENCY GENERATOR (DQFAH)	104840, N470N170M1
PTFEG-5	EMERGENCY GENERATOR (DQFAH)	104840, N470N170M1
PTFEG-6	EMERGENCY GENERATOR (DFEJ)	104840, N470N170M1
PTFEGT-1	EMERGENCY GENERATOR (DFEJ) DIESEL TANK	104840, N470N170M1
PTFEGT-1	EMERGENCY GENERATOR (DFEJ) TANK UNLOADING	104840, N470N170M1
PTFEGT-2	EMERGENCY GENERATOR (DFEJ) DIESEL TANK	104840, N470N170M1
PTFEGT-2	EMERGENCY GENERATOR (DFEJ) TANK UNLOADING	104840, N470N170M1

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PTFEGT-3	EMERGENCY GENERATOR (DFEJ) DIESEL TANK	104840, N470N170M1
PTFEGT-3	EMERGENCY GENERATOR (DFEJ) TANK UNLOADING	104840, N470N170M1
PTFEGT-4	EMERGENCY GENERATOR (DQFAH) DIESEL TANK	104840, N470N170M1
PTFEGT-4	EMERGENCY GENERATOR (DQFAH) TANK UNLOADING	104840, N470N170M1
PTFEGT-5	EMERGENCY GENERATOR (DQFAH) DIESEL TANK	104840, N470N170M1
PTFEGT-5	EMERGENCY GENERATOR (DQFAH) TANK UNLOADING	104840, N470N170M1
PTFEGT-6	EMERGENCY GENERATOR (DFEJ) DIESEL TANK	104840, N470N170M1
PTFEGT-6	EMERGENCY GENERATOR (DFEJ) TANK UNLOADING	104840, N470N170M1
PTFFLARE	PTF FLARE	104840, N470N170M1
PTFFLAREMSS	MSS VENT TO FLARE	104840, N470N170M1
PTFFLRPSV	PSV/COMPRESSOR & PUMP SEAL VENTS FLARE-TRAIN 1,2,3	104840, N470N170M1
PTFFWP	FIRE WATER PUMP	104840, N470N170M1
PTFFWP2	FIRE WATER PUMP (TRAIN 4)	104840, N470N170M1
PTFFWPT-1	FIRE WATER PUMP TANK 1	104840, N470N170M1
PTFFWPT-1	FIRE WATER PUMP TANK UNLOADING	104840, N470N170M1
PTFFWPT-2	FIRE WATER PUMP TANK 2	104840, N470N170M1
PTFFWPT-2	FIRE WATER PUMP TANK 2 UNLOADING	104840, N470N170M1
PTFHMT	HEAT MEDIUM TANK - TRAINS 1, 2, 3	104840, N470N170M1
PTFHMT	HEAT MEDIUM TANK UNLOADING - TRAINS 1, 2, 3	104840, N470N170M1
PTFHMT-T4	HEAT MEDIUM TANK - TRAIN 4	104840, N470N170M1
PTFHMT-T4	HEAT MEDIUM TANK LOADING - TRAIN 4	104840, N470N170M1

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PTFOWT	OILY WATER TANK - TRAINS 1, 2, 3	104840, N170N170M1
PTFOWT	OILY WATER TANK LOADING - TRAINS 1, 2, 3	104840, N170N170M1
PTFOWT-T4	OILY WATER TANK - TRAIN 4	104840, N170N170M1
PTFOWT-T4	OILY WATER TANK LOADING - TRAIN 4	104840, N170N170M1
PTFSOT	SLOP OIL TANK - TRAINS 1, 2, 3	104840, N170N170M1
PTFSOT	SLOP OIL TANK LOADING - TRAINS 1, 2, 3	104840, N170N170M1
PTFSOT-T4	SLOP OIL TANK - TRAIN 4	104840, N170N170M1
PTFSOT-T4	SLOP OIL TANK LOADING - TRAIN 4	104840, N170N170M1

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PTFFLARE	Permit 104840	CO	Permit 104840 GC 8 & SC1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 104840, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas.	
3. Non-compliance Situation Description				
CO emissions from the flare are above the Permit 104840 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			
6. Previously Submitted Compliance Plan(s)	Type of Action			Date Submitted
	N/A			08/09/2022
7. Progress Report Submission Schedule	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			

Commented [IM3]: Kyle, this compliance schedule is resolved via this significant revision. Is there anything we need to send you to remove this compliance schedule?

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PTFFLARE	Permit 104840	NOX	Permit 104840 GC 8 & SC 1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 104840, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas.	
3. Non-compliance Situation Description				
NOx emissions from the flare are above the Permit 104840 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			
6. Previously Submitted Compliance Plan(s)	Type of Action			Date Submitted
	NA			08/09/2022
7. Progress Report Submission Schedule	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			

Commented [IM4]: Kyle, this compliance schedule is resolved via this significant revision. Is there anything we need to send you to remove this compliance schedule?

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PTFFLARE	Permit 104840	VOC	Permit 104840 GC 8 & SC 1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 104840, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas.	
3. Non-compliance Situation Description				
VOC emissions from the flare are above the Permit 104840 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			
6. Previously Submitted Compliance Plan(s)	Type of Action			Date Submitted
	NA			08/09/2022
7. Progress Report Submission Schedule	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			

Commented [IM5]: Kyle, this compliance schedule is resolved via this significant revision. Is there anything we need to send you to remove this compliance schedule?

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PTFFLARE	Permit 104840	SO2	Permit 104840 GC 8 & SC 1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 104840, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas.	
3. Non-compliance Situation Description				
SO2 emissions from the flare are above the Permit 104840 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			
6. Previously Submitted Compliance Plan(s)	Type of Action			Date Submitted
	NA			08/09/2022
7. Progress Report Submission Schedule	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			

Commented [IM6]: Kyle, this compliance schedule is resolved via this significant revision. Is there anything we need to send you to remove this compliance schedule?

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PTFFLARE	Permit 104840	H2S	Permit 104840 GC 8 & SC 1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 104840, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas.	
3. Non-compliance Situation Description				
H2S emissions from the flare are above the Permit 104840 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			
6. Previously Submitted Compliance Plan(s)	Type of Action			Date Submitted
	NA			08/09/2022
7. Progress Report Submission Schedule	The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022.			

Commented [IM7]: Kyle, this compliance schedule is resolved via this significant revision. Is there anything we need to send you to remove this compliance schedule?

comments you have on the working draft permit by **Friday, December 5th** . I have also included some notes below.

- I have included the Major NSR Summary Table in the WDP as depicted in your application. The issuance date is still pending as I am sure you are aware. When the NSR permit is issued I will need you make any applicable updates to the Major NSR Summary Table (most likely just the issuance date). I will also need you to update the issuance dates on the OP-REQ1 (Pages 88-89). I will be prepared to issue the Public Notice Authorization Package (PNAP) as soon as possible, but until then we are just waiting for the issuance of the NSR permit (No. 104840/N170M1).

Please review the second portion of the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

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From: Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Sent: Thursday, November 20, 2025 3:03 PM
To: Kyle Murray
Cc: Thong Man; Michael Stephenson; Scott Brooks; Sophia Gray
Subject: Freeport LNG Pretreatment Facility - Permit O3958 - Editable Major NSR Summary Table
Attachments: PTF NSR Summary Table (2025-1120).xlsx
Follow Up Flag: Follow up
Flag Status: Flagged

Kyle,

Per our conversation today, please find attached an editable version of the Major NSR Summary table that was included in the O3958 application. It is in Excel, rather than Word, but hopefully that is helpful to you.

Thanks,
Deborah

Deborah Walden-Hersh
Principal Consultant

P 512.349.5800 x4426 M 512.608.1070
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9737 Great Hills Trail, Suite 340, Austin, Texas 78759



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 [Book time to meet with me](#)

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
65B-81A	Heating Medium Heater A	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
65B-81B	Heating Medium Heater B	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
65B-81C	Heating Medium Heater C	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
65B-81D	Heating Medium Heater D	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
65B-81E	Heating Medium Heater E	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
65B-81A through 81E	Heating Medium Heaters A through E Annual Emissions Cap	NOx	-	4.58	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	-	13.94			
		VOC	-	5.70			
		PM	-	5.29			
		PM10	-	5.29			
		PM2.5	-	5.29			
		SO2	-	11.33			
		H2SO4 (7)	-	0.87			
69B-81A	Heating Medium Heater 69A	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
		NH3	0.62	-			
69B-81B	Heating Medium Heater 69B	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
		NH3	0.62	-			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
69B-81C	Heating Medium Heater 69C	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
		NH3	0.62	-			
69B-81A through 81C	Heating Medium Heaters, A through C Annual Emission Cap	NOx	-	2.80	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	-	4.27			
		VOC	-	2.18			
		PM	-	8.09			
		PM10	-	8.09			
		PM2.5	-	8.09			
		SO2	-	17.34			
		H2SO4 (7)	-	1.33			
		NH3	-	5.43			
TO1	Amine Unit/ Thermal Oxidizer 61	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
		H2S	0.12	0.54			
TO2	Amine Unit/ Thermal Oxidizer 62	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
		H2S	0.12	0.54			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
T03	Amine Unit/ Thermal Oxidizer 63	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
		H2S	0.12	0.54			
T04	Amine Unit/ Thermal Oxidizer 64	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
		H2S	0.12	0.54			
CT	Combustion Turbine	NOx	8.09	30.73	3, 9, 10, 13, 18, 19, 20, 21, 22	3, 9, 10, 13, 19, 20, 21, 22, 36	3, 18, 19, 20, 21
		NOx (MSS)	87.00				
		CO	9.85	37.07			
		CO (MSS)	57.00				
		VOC	0.34	1.27			
		VOC (MSS)	1.27				
		PM	10.00	43.80			
		PM (MSS)	2.90				
		PM10	10.00	43.80			
		PM10 (MSS)	2.90				
		PM2.5	10.00	43.80			
		PM2.5 (MSS)	2.90				
		SO2	4.08	11.98			
		H2SO4 (7)	0.43	0.73			
		NH3	14.95	56.27			
LUBVENT	Lube Oil Vent	VOC	0.05	0.22			
		PM	0.05	0.22			
		PM10	0.05	0.22			
		PM2.5	0.05	0.22			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFFLARE	PTF Flare (Before construction of flare gas recovery and Train 4)	NO _x	149.31	39.60	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	2010.41				
		CO	594.63	155.37			
		CO (MSS)	8006.66				
		VOC	39.15	1.36			
		VOC (MSS)	420.38				
		SO ₂	5.37	1.47			
		SO ₂ (MSS)	52.66				
		H ₂ S	0.01	<0.01			
H ₂ S (MSS)	0.11						
PTFFLARE	PTF Flare (Before construction of Train 4 and after construction of flare gas recovery)	NO _x	0.27	4.99	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	1861.37				
		CO	1.06	19.88			
		CO (MSS)	7413.09				
		VOC	0.05	0.22			
		VOC (MSS)	381.28				
		SO ₂	0.01	0.23			
		SO ₂ (MSS)	47.30				
		H ₂ S	<0.01	<0.01			
H ₂ S (MSS)	0.10						
PTFFLARE	PTF Flare (After construction of Train 4 and flare gas recovery)	NO _x	0.27	5.47	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	2037.28				
		CO	1.06	21.78			
		CO (MSS)	8113.70				
		VOC	0.05	0.49			
		VOC (MSS)	479.64				
		SO ₂	0.01	0.23			
		SO ₂ (MSS)	47.31				
		H ₂ S	<0.01	<0.01			
H ₂ S (MSS)	0.10						
PTFFWP	Fire Water Pump	NO _x	2.56	0.13	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.67	0.03			
		VOC	0.09	<0.01			
		PM	0.08	<0.01			
		PM ₁₀	0.08	<0.01			
		PM _{2.5}	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		H ₂ SO ₄ (7)	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFFWP2	Fire Water Pump (Train 4)	NOx	2.56	0.13	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.67	0.03			
		VOC	0.09	<0.01			
		PM	0.08	<0.01			
		PM10	0.08	<0.01			
		PM2.5	0.08	<0.01			
		SO2	<0.01	<0.01			
		H2SO4 (7)	<0.01	<0.01			
PTFEG-1	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
		H2SO4 (7)	<0.01	<0.01			
PTFEG-2	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
		H2SO4 (7)	<0.01	<0.01			
PTFEG-3	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
		H2SO4	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEG-4	Emergency Generator (DQFAH)	NOx	1.38	0.03	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	2.00	0.05			
		VOC	0.13	<0.01			
		PM	0.07	<0.01			
		PM10	0.07	<0.01			
		PM2.5	0.07	<0.01			
		SO2	0.02	<0.01			
		H2SO4	<0.01	<0.01			
		NH3	0.51	0.01			
PTFEG-5	Emergency Generator (DQFAH)	NOx	1.38	0.03	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	2.00	0.05			
		VOC	0.13	<0.01			
		PM	0.07	<0.01			
		PM10	0.07	<0.01			
		PM2.5	0.07	<0.01			
		SO2	0.02	<0.01			
		H2SO4	<0.01	<0.01			
		NH3	0.51	0.01			
PTFEG-6	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
		H2SO4	<0.01	<0.01			
PTFEAC-1	Emergency Air Compressor	NOx	1.87	0.05	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	1.73	0.04			
		VOC	0.10	<0.01			
		PM	0.10	<0.01			
		PM10	0.10	<0.01			
		PM2.5	0.10	<0.01			
		SO2	<0.01	<0.01			
		H2SO4	<0.01	<0.01			
		NH3	0.14	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEAC-2	Emergency Air Compressor	NOx	1.87	0.05	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	1.73	0.04			
		VOC	0.10	<0.01			
		PM	0.10	<0.01			
		PM10	0.10	<0.01			
		PM2.5	0.10	<0.01			
		SO2	<0.01	<0.01			
		H2SO4	<0.01	<0.01			
		NH3	0.14	<0.01			
FUG-TREAT	Pretreatment 1-3 VOC Fugitives (6)	VOC	1.05	4.62	14, 15, 16, 17	14, 15, 16, 17, 36	14, 17
		VOC (8)	1.08	4.72			
		H2S	<0.01	<0.01			
FUG-TRN4	Pretreatment Train 4 VOC Fugitives (6)	VOC	0.35	1.54	14, 15, 16, 17	14, 15, 16, 17, 36	14, 17
		VOC (8)	0.39	1.71			
		H2S	<0.01	<0.01			
FUG-CT	Pretreatment Ammonia Fugitives	NH3	0.12	0.51	13	13, 36	
FUG-HTR	Heater Ammonia Fugitives (6)	NH3	0.12	0.51	13	13, 36	
67Z-97-Z1	Ammonia Loading	NH3	<0.01	<0.01	13	13, 36	
PTFSOT	Slop Oil Tank	VOC	<0.01	<0.01			
PTFOWT	Oily Water Tank	VOC	<0.01	<0.01			
PTFHMT	Heating Medium Tank	VOC	3.57	0.01			
PTFSOT-T4	Slop Oil Tank	VOC	<0.01	<0.01			
PTFOWT-T4	Oily Water Tank	VOC	<0.01	<0.01			
PTFHMT-T4	Heating Medium Tank	VOC	3.57	0.01			
67T-90	Amine Storage Tank	VOC	<0.01	<0.01			
PTFFWPT-1	Diesel Firewater Pump Tank	VOC	0.01	<0.01			
PTFFWPT-2	Diesel Fire Water Pump Tank 2	VOC	0.01	<0.01			
PTFEGT-1	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEGT-2	Diesel Emergency Generator (DFEJ) Tank	VOC	0.01	<0.01			
PTFEGT-3	Diesel Emergency Generator (DFEJ) Tank	VOC	0.01	<0.01			
PTFEGT-4	Diesel Emergency Generator (DQFAH) Tank	VOC	0.01	<0.01			
PTFEGT-5	Diesel Emergency Generator (DQFAH) Tank	VOC	0.01	<0.01			
PTFEGT-6	Diesel Emergency Generator (DFEJ) Tank	VOC	0.01	<0.01			
PTFEACT-1	Diesel Emergency Air Compressor Tank	VOC	0.01	<0.01			
PTFEACT-2	Diesel Emergency Air Compressor Tank	VOC	0.01	<0.01			
60K-11A	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11B	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11C	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-11A	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

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Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
60K-11ATK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11BTK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11CTK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-11ATK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40A	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40B	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40C	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-40A	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K40ATK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

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Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
60K40BTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K40CTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K40CTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
64K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

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Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
64K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
64K-40	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
MSS-FUG1-3	Fugitives - Train 1- 3 Vessel Opening for Maintenance	VOC	5.05	0.01	32, 33, 34	32, 33, 34,36	32, 33, 34
		H ₂ S	<0.01	<0.01			
MSS-FUG4	Fugitives - Train 4 Vessel Opening for Maintenance	VOC	5.05	<0.01	32, 33, 34	32, 33, 34, 36	32, 33, 34
		H ₂ S	<0.01	<0.01			

Major NSR Summary Table							
Permit Numbers: 104840 and N170M1				Issuance Date: TBD			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
All	Sitewide Emissions	Individual HAPs	---	10.00			
		Total HAPs	---	25.00			

(1) Emission point identification – either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM2.5

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

SO₂ - sulfur dioxide

H₂SO₄ - sulfuric acid mist

H₂S - hydrogen sulfide

NH₃ - ammonia

MSS - maintenance, startup, and shutdown

HAPs - hazardous air pollutant as listed in §112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. Annual emission rates for each source include planned SS emissions.

(5) Planned startup and shutdown (SS) lbs/hr emission for pollutants are authorized even if not specifically identified as SS.

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(7) Sulfuric acid mist is a subset of PM2.5 emissions.

(8) After construction of the flare gas recovery project.

From: Thong Man <TMan@FreeportLNG.com>
Sent: Monday, November 17, 2025 9:43 AM
To: Kyle Murray
Cc: Michael Stephenson; Scott Brooks; Deborah Walden-Hersh; Sophia Gray
Subject: RE: [EXTERNAL]: Technical Review -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility

Good morning Kyle,

Thank you for the introduction email. We look forward to working with you on these projects. Please feel free to let us know if you have any questions.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Kyle Murray <Kyle.Murray@tceq.texas.gov>
Sent: Friday, November 14, 2025 2:07 PM
To: Thong Man <TMan@FreeportLNG.com>
Subject: [EXTERNAL]: Technical Review -- FOP O3958/Project 39288, Freeport LNG Development, L.P. - Freeport LNG Pretreatment Facility

Good afternoon Mr. Man,

I have been assigned to the Federal Operating Permit (FOP) significant revision application of Permit No. O3958 for Freeport LNG Development, L.P. – Freeport LNG Pretreatment Facility. This application has been assigned Project No. 39288. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking. Please confirm receipt of this email and CC all pertinent individuals.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency – please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.

- c. High level terms in the SOP Applicable Requirement Summary Table.
The high-level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

This is a generic email template sent at the beginning of each of my reviews and nothing is required from you at this time. This project has been expedited, and I will do my best to fast-track the application process.

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

Steven Piper

From: eNotice TCEQ
Sent: Tuesday, November 4, 2025 3:46 PM
To: joan.huffman@senate.texas.gov; cody.vasut@house.texas.gov
Subject: TCEQ Notice - Permit Number O3958
Attachments: TCEQ Notice - O3958_39288.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Rhyan Stone with the Air Permits Division at (512) 239-1293.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 4, 2025

THE HONORABLE JOAN HUFFMAN
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 39288
Permit Number: O3958
Freeport LNG Development, L.P.
Freeport Lng Pretreatment Facility
Freeport, Brazoria County
Regulated Entity Number: RN106481500
Customer Reference Number: CN601720345

Dear Senator Huffman:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.306944,28.979166&level=13>.

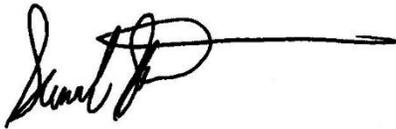
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Joan Huffman
Page 2
November 4, 2025

Re: Accepted Federal Operating Permit Significant Revision Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 4, 2025

THE HONORABLE CODY VASUT
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 39288
Permit Number: O3958
Freeport LNG Development, L.P.
Freeport Lng Pretreatment Facility
Freeport, Brazoria County
Regulated Entity Number: RN106481500
Customer Reference Number: CN601720345

Dear Representative Vasut:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.306944,28.979166&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", with a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Texas Commission on Environmental Quality

Title V Existing

3958

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG PRETREATMENT FACILITY
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	2363 CR 690
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.979166
Longitude (W) (-###.#####)	95.306944
Primary SIC Code	1321
Secondary SIC Code	
Primary NAICS Code	211130
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN106481500
What is the name of the Regulated Entity (RE)?	FREEPORT LNG PRETREATMENT FACILITY
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	2363 CR 690 APPROXIMATELY 0.25 MI NORTH OF THE INTERSECTION OF CR 690 AND CR 891
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9791
Longitude (W) (-###.#####)	-95.3069
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	MOPPERT
Suffix	
Credentials	
Title	CHIEF OPERATING OFFICER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	7134158744
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mmoppert@freeporlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Prefix	FREEPORT LNG DEVELOPMENT LP
First	MR
Middle	MICHAEL
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST

Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
Zip	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeporlng.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	New Contact
Organization Name	Freeport LNG Development LP
Prefix	MR
First	Thong
Middle	
Last	Man
Suffix	
Credentials	PE
Title	Regulatory Compliance Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	9792304820
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	tman@freeporlng.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 58 Min 45 Sec
3) Permit Longitude Coordinate:	95 Deg 18 Min 25 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Significant Revision
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	N/A

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

Final PTF TV Significant Revision (2025-1103).pdf

Hash

0D633614EF7A6C66514EC051CA6D040B2ED720DD1744738AD440CF277BB2369A

MIME-Type

application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	Yes
1.1. Can the applicant demonstrate that the purpose of this application will benefit the	Yes

economy of this state or an area of this state?

1.2. Select the applicable expedited surcharge.

\$10,000

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3958.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.137.206
Signature Date:	2025-11-04
Signature Hash:	D90074A386FF35E1EF533EEC55540921C926101CA23462BE3A2B4EA86E4E65BB
Form Hash Code at time of Signature:	48F53D607BDFB5B36115E122886C40082A65D2362C253D560C629AF2BE6B7400

Fee Payment

Transaction by:	The expedited fee payment transaction was made by ER039513/Deborah Walden-Hersh
Paid by:	The expedited fee was paid by DEBORAH WALDEN-HERSH
Fee Amount:	\$10000.00
Paid Date:	The expedited fee was paid on 2025-11-04
Transaction/Voucher number:	The transaction number is 582EA000693152 and the voucher number is 791883

Submission

Reference Number:	The application reference number is 814151
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2025-11-04 at 13:29:12 CST
Submitted From:	The application was submitted from IP address 163.116.137.206
Confirmation Number:	The confirmation number is 690252
Steers Version:	The STEERS version is 6.93
Permit Number:	The permit number is 3958

Additional Information

Application Creator: This account was created by Jeremy Harrison

TITLE V SIGNIFICANT REVISION
Permit 03958



**Freeport LNG Development, L.P./
Pretreatment Facility**

Prepared By:

Deborah Walden-Hersh, P.E. – Principal Consultant
Sophia Gray, E.I.T – Consultant
Jeremy Harrison – Consultant
Ishita Mathur – Consultant

TRINITY CONSULTANTS

9737 Great Hills Trail
Suite 340
Austin, TX 78759
(512) 349-5800

November 2025

Project 254404.0012



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2. PROCESS DESCRIPTION	2-1
3. TCEQ FORM OP-1	3-1
4. TCEQ FORM OP-2	4-1
5. TCEQ FORM OP-REQ1	5-1
6. MAJOR NSR SUMMARY TABLE	6-1

1. EXECUTIVE SUMMARY

Freeport LNG Development, L.P. (Freeport LNG) owns and operates a natural gas Pretreatment Facility (PTF) located near Freeport, Texas, to purify pipeline quality natural gas to be sent to its downstream Liquefaction Plant for the production of liquefied natural gas (LNG). The Pretreatment Facility is located approximately 3.5 miles inland to the northeast of the Quintana Island Terminal along Freeport LNG's existing 42-inch natural gas pipeline route. Freeport LNG has been assigned Texas Commission on Environmental Quality (TCEQ) Customer Number (CN) 601720345. The Pretreatment Facility has been assigned TCEQ Air Quality Account No. BL-A057-E and Regulated Entity Number (RN) 106481500. The Pretreatment Facility is authorized under TCEQ New Source Review (NSR) Permit No. 104840 and Title V Permit No. O3958.

PTF is located in Brazoria County, which is currently classified as a "severe" nonattainment area for the 2008 8-hr ozone standard, "serious" nonattainment for the 2015 8-hour ozone standard, and attainment or unclassified for all other pollutants.¹

Freeport LNG received a draft permit for the approval of an amendment to NSR Permit No. 104840 and Nonattainment New Source Review (NNSR) Permit No. N170M1, which authorizes "as-built" changes and a flare gas recovery project at PTF. Because the changes being authorized are retrospective, Freeport LNG is submitting this application for a significant revision to the existing Title V Permit No. O3958 for the inclusion of the NSR amendment prior to the issuance of the NSR permit and requests expedited review of this Title V application so that the Title V permit may be issued expeditiously after the issuance of the NSR permit.

1.1 Changes at the Site

The following changes have been authorized at PTF as part of the NSR Permit Amendment.

"As-built" changes:

- ▶ Additional streams controlled by the flare (Emission Point Number [EPN] PTFFLARE) are being added, including those associated with seal gas venting and proposed maintenance, start-up, and shutdown (MSS) events;
- ▶ Adjustment to fugitive emissions resulting from ground truthing of component counts (EPNs FUG-TREAT and FUG-TRN4);
- ▶ Increase in sulfur dioxide emissions from the heaters (EPNs 65B-81A through 65B-81E and 69B-81A through 69B-81C) and regenerative thermal oxidizers (RTOs) (EPNs TO1 through TO4). This is a result of a proposed increase in the allowance for sulfur compounds in the feed and fuel gas to allow for greater flexibility in operation;
- ▶ Addition of vessel opening emissions from maintenance activities (EPN MSS-FUG1-3 and MSS-FUG4); and
- ▶ Updates to representations presented in previous permit applications.

Flare gas recovery project changes:

- ▶ Flare gas recovery project, which will reduce seal gas vented to the flare; and
- ▶ Increased number of existing fugitive components associated with this project.

¹ https://www3.epa.gov/airquality/greenbook/anayo_tx.html, last accessed June 2025.

Of these changes, none result in a change to equipment, controls, or rule applicability for any emission sources in the Title V permit and there are no new emission sources required to be added to the permit. In addition, no new emission units are subject to Compliance Assurance Monitoring (CAM). Therefore, the revision is being made only to update the Major NSR Summary Table, NSR and NNSR permit references throughout the Title V permit.

1.2 Revision Application Contents

The enclosed SOP revision application for Freeport LNG consists of the following forms along with supplemental information. The technical contact page of Form OP-1 is included to update the technical contact for this permit.

- ▶ Section 2: Process Description
- ▶ Section 3: TCEQ Form OP-1
- ▶ Section 4: TCEQ Form OP-2
- ▶ Section 5: TCEQ Form OP-REQ1
- ▶ Section 6: Major NSR Summary Table

2. PROCESS DESCRIPTION

This section includes a process description of the operations on PTF sources. A process flow diagram is included at the end of this section.

The PTF is located near Freeport, Texas approximately 3.5 miles inland to the northeast of the Quintana Island Freeport LNG Liquefaction Plant. The PTF is comprised of the following:

- ▶ Four natural gas pretreatment systems and associated natural gas liquids (NGL) removal units;
- ▶ Emergency warm and cold flare systems (Unit ID No. PTFFLARE);
- ▶ Combustion turbine/waste heat recovery system;
- ▶ Heating medium heaters;
- ▶ Emergency air compressors;
- ▶ Emergency generators;
- ▶ Firewater pump systems; and
- ▶ Miscellaneous process vessels.

Each natural gas pretreatment system for Trains 1 through 4 also includes the following:

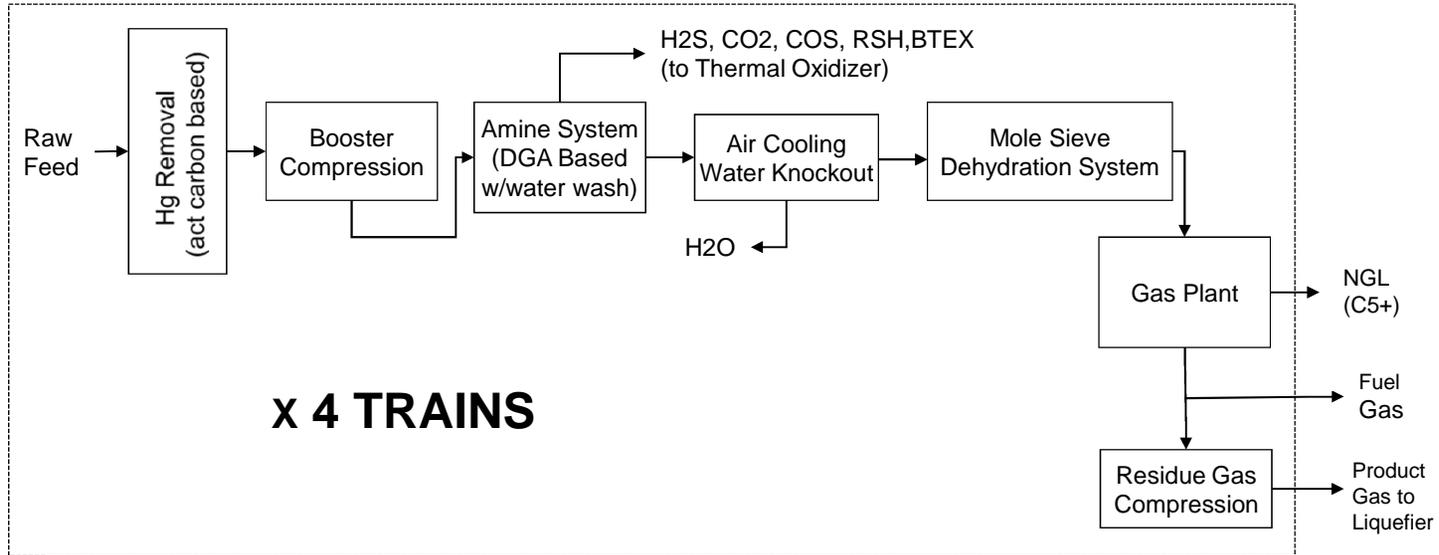
- ▶ Amine treatment system (Unit ID Nos. AU1 through AU4) and associated RTO (Unit ID Nos. TO1 through TO4) to remove carbon dioxide (CO₂) and sulfur compounds;
- ▶ Molecular sieve dehydration system to remove water from the incoming natural gas stream;
- ▶ Mercury removal unit (in-line unit);
- ▶ Additional electrical compression units and connecting laterals for natural gas supply to the Liquefaction Plant; and
- ▶ Miscellaneous storage vessels.

Each pretreatment train consists of processing steps to prepare the natural gas stream for use in the downstream liquefaction units. The processing steps are as follows:

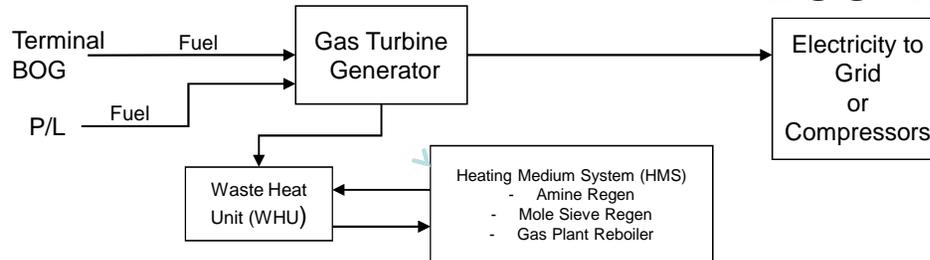
- ▶ Mercury removal;
- ▶ Booster compression;
- ▶ Acid gas removal;
- ▶ Dehydration;
- ▶ Natural gas liquids extraction; and
- ▶ Residue gas compression.



Pretreatment System (PTS)



BOG HANDLING



3. TCEQ FORM OP-1

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Thong Man
Technical Contact Title: Regulatory Compliance Engineer
Employer Name: Freeport LNG Development, L.P.
Mailing Address: 1500 Lamar St
City: Quintana
State: Texas
ZIP Code: 77541
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 979-230-4820
Fax No.:
Email: tman@freeportlng.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator:
B. State Representative:
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required:

4. TCEQ FORM OP-2

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 11/03/2025
Permit No.: O3958
Regulated Entity No.: RN106481500
Company Name: Freeport LNG Development, L.P.
For Submissions to EPA
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
I. Application Type
Indicate the type of application:
<input type="checkbox"/> Renewal
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)
<input checked="" type="checkbox"/> Significant Revision
<input type="checkbox"/> Revision Requesting Prior Approval
<input type="checkbox"/> Administrative Revision
<input type="checkbox"/> Response to Reopening
II. Qualification Statement
For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (continued)
Texas Commission on Environmental Quality**

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

VOC NO_x SO₂ PM₁₀ CO Pb HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? YES NO N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program
 Application for Permit Revision/Renewal
 Form OP-2-Table 2
 Texas Commission on Environmental Quality**

Date: 11/03/2025
Permit No.: O3958
Regulated Entity No.: RN106481500
Company Name: Freeport LNG Development, L.P.

Using the table below, provide a description of the revision.

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	SIG-E	NO		OP-REQ1	104840	Updating NSR Permit No. 104840 and EPA Permit N170M1 issuance date.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Date: 11/03/2025	
Permit No.: O3958	
Regulated Entity No.: RN106481500	
Company Name: Freeport LNG Development, L.P.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

**Federal Operating Permit Program
 Application for Permit Revision/Renewal
 Form OP-2-Table 3
 Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions
Volatile organic compounds	Increase in pollutant emissions as a result of the significant revision.
Nitrogen oxides	Increase in pollutant emissions as a result of the significant revision.
Carbon monoxide	Increase in pollutant emissions as a result of the significant revision.
Sulfur dioxide	Increase in pollutant emissions as a result of the significant revision.
Sulfuric acid	Increase in pollutant emissions as a result of the significant revision.
Hydrogen sulfide	Increase in pollutant emissions as a result of the significant revision.

5. TCEQ FORM OP-REQ1

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/03/2025	O3958	RN106481500

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N170M1	TBD	NO _x			

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/03/2025	O3958	RN106481500

For SOP applications, answer ALL questions unless otherwise directed.

- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
104840	TBD				

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.122	09/04/2000	106.532	09/04/2000		
106.263	11/01/2001				
106.265	09/04/2000				
106.352	11/22/2012				
106.355	11/01/2001				
106.412	09/04/2000				
106.452	09/04/2000				
106.472	09/04/2000				

- ◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

6. MAJOR NSR SUMMARY TABLE

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
65B-81A	Heating Medium Heater A	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81B	Heating Medium Heater B	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81C	Heating Medium Heater C	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81D	Heating Medium Heater D	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
65B-81E	Heating Medium Heater E	NOx	0.80	-	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	2.44	-			
		VOC	1.00	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
H2SO4 (7)	0.15	-					
65B-81A through 81E	Heating Medium Heaters A through E Annual Emissions Cap	NOx	-	4.58	3, 11, 9, 18, 19, 20, 23, 24	3, 11, 9, 18, 19, 20, 23, 24, 36	3, 18, 19, 20
		CO	-	13.94			
		VOC	-	5.70			
		PM	-	5.29			
		PM10	-	5.29			
		PM2.5	-	5.29			
		SO2	-	11.33			
H2SO4 (7)	-	0.87					
69B-81A	Heating Medium Heater 69A	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
NH3	0.62	-					
69B-81B	Heating Medium Heater 69B	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
NH3	0.62	-					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
69B-81C	Heating Medium Heater 69C	NOx	0.32	-	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	0.49	-			
		VOC	0.25	-			
		PM	0.92	-			
		PM10	0.92	-			
		PM2.5	0.92	-			
		SO2	1.98	-			
		H2SO4 (7)	0.15	-			
69B-81A through 81C	Heating Medium Heaters, A through C Annual Emission Cap	NOx	-	2.80	3, 11, 9, 13, 18, 19, 20, 21, 23, 24	3, 11, 9, 13, 18, 19, 20, 21, 23, 24, 36	3, 18, 19, 20
		CO	-	4.27			
		VOC	-	2.18			
		PM	-	8.09			
		PM10	-	8.09			
		PM2.5	-	8.09			
		SO2	-	17.34			
		H2SO4 (7)	-	1.33			
TO1	Amine Unit/ Thermal Oxidizer 61	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
TO2	Amine Unit/ Thermal Oxidizer 62	H2S	0.12	0.54	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		NOx	0.28	1.21			
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
H2SO4 (7)	0.08	0.36					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
TO3	Amine Unit/ Thermal Oxidizer 63	NOx	0.28	1.21	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
		H2SO4 (7)	0.08	0.36			
TO4	Amine Unit/ Thermal Oxidizer 64	H2S	0.12	0.54	9, 18, 19, 25, 26, 27, 28, 29, 30, 31	9, 19, 25, 26, 27, 28, 29, 31, 36	18, 19
		NOx	0.28	1.21			
		CO	2.91	12.76			
		VOC	2.12	2.42			
		PM	1.29	5.65			
		PM10	1.29	5.65			
		PM2.5	1.29	5.65			
		SO2	1.08	4.72			
CT	Combustion Turbine	H2SO4 (7)	0.08	0.36	3, 9, 10, 13, 18, 19, 20, 21, 22	3, 9, 10, 13, 19, 20, 21, 22, 36	3, 18, 19, 20, 21
		H2S	0.12	0.54			
		NOx	8.09	30.73			
		NOx (MSS)	87.00				
		CO	9.85	37.07			
		CO (MSS)	57.00				
		VOC	0.34	1.27			
		VOC (MSS)	1.27				
		PM	10.00	43.80			
		PM (MSS)	2.90				
		PM10	10.00	43.80			
		PM10 (MSS)	2.90				
		PM2.5	10.00	43.80			
		PM2.5 (MSS)	2.90				
LUBVENT	Lube Oil Vent	SO2	4.08	11.98			
		H2SO4 (7)	0.43	0.73			
		NH3	14.95	56.27			
		VOC	0.05	0.22			
		PM	0.05	0.22			
		PM10	0.05	0.22			
		PM2.5	0.05	0.22			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFFLARE	PTF Flare (Before construction of flare gas recovery and Train 4)	NO _x	149.31	39.60	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	2010.41				
		CO	594.63	155.37			
		CO (MSS)	8006.66				
		VOC	39.15	1.36			
		VOC (MSS)	420.38				
		SO ₂	5.37	1.47			
		SO ₂ (MSS)	52.66				
		H ₂ S	0.01	<0.01			
H ₂ S (MSS)	0.11						
PTFFLARE	PTF Flare (Before construction of Train 4 and after construction of flare gas recovery)	NO _x	0.27	4.99	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	1861.37				
		CO	1.06	19.88			
		CO (MSS)	7413.09				
		VOC	0.05	0.22			
		VOC (MSS)	381.28				
		SO ₂	0.01	0.23			
		SO ₂ (MSS)	47.30				
		H ₂ S	<0.01	<0.01			
H ₂ S (MSS)	0.10						
PTFFLARE	PTF Flare (After construction of Train 4 and flare gas recovery)	NO _x	0.27	5.47	5, 6, 31, 33	5, 6, 31, 33, 36	5
		NO _x (MSS)	2037.28				
		CO	1.06	21.78			
		CO (MSS)	8113.70				
		VOC	0.05	0.49			
		VOC (MSS)	479.64				
		SO ₂	0.01	0.23			
		SO ₂ (MSS)	47.31				
		H ₂ S	<0.01	<0.01			
H ₂ S (MSS)	0.10						
PTFFWP	Fire Water Pump	NO _x	2.56	0.13	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.67	0.03			
		VOC	0.09	<0.01			
		PM	0.08	<0.01			
		PM10	0.08	<0.01			
		PM2.5	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		H ₂ SO ₄ (7)	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFFWP2	Fire Water Pump (Train 4)	NOx	2.56	0.13	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.67	0.03			
		VOC	0.09	<0.01			
		PM	0.08	<0.01			
		PM10	0.08	<0.01			
		PM2.5	0.08	<0.01			
		SO2	<0.01	<0.01			
H2SO4 (7)	<0.01	<0.01					
PTFEG-1	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
H2SO4 (7)	<0.01	<0.01					
PTFEG-2	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
H2SO4 (7)	<0.01	<0.01					
PTFEG-3	Emergency Generator (DFEJ)	NOx	8.57	0.21	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
		SO2	<0.01	<0.01			
H2SO4	<0.01	<0.01					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEG-4	Emergency Generator (DQFAH)	NOx	1.38	0.03	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	2.00	0.05			
		VOC	0.13	<0.01			
		PM	0.07	<0.01			
		PM10	0.07	<0.01			
		PM2.5	0.07	<0.01			
		SO2	0.02	<0.01			
		H2SO4	<0.01	<0.01			
PTFEG-5	Emergency Generator (DQFAH)	NH3	0.51	0.01	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		NOx	1.38	0.03			
		CO	2.00	0.05			
		VOC	0.13	<0.01			
		PM	0.07	<0.01			
		PM10	0.07	<0.01			
		PM2.5	0.07	<0.01			
		SO2	0.02	<0.01			
PTFEG-6	Emergency Generator (DFEJ)	H2SO4	<0.01	<0.01	3, 4, 7, 8	3, 4, 7, 8, 36	3, 4, 7
		NH3	0.51	0.01			
		NOx	8.57	0.21			
		CO	0.70	0.02			
		VOC	0.13	<0.01			
		PM	0.05	<0.01			
		PM10	0.05	<0.01			
		PM2.5	0.05	<0.01			
PTFEAC-1	Emergency Air Compressor	SO2	<0.01	<0.01	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		H2SO4	<0.01	<0.01			
		NOx	1.87	0.05			
		CO	1.73	0.04			
		VOC	0.10	<0.01			
		PM	0.10	<0.01			
		PM10	0.10	<0.01			
		PM2.5	0.10	<0.01			
NH3	0.14	<0.01					

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEAC-2	Emergency Air Compressor	NOx	1.87	0.05	3, 4, 7, 8, 13	3, 4, 7, 8, 13, 36	3, 4, 7
		CO	1.73	0.04			
		VOC	<0.01	<0.01			
		PM	0.10	<0.01			
		PM10	0.10	<0.01			
		PM2.5	0.10	<0.01			
		SO2	<0.01	<0.01			
		H2SO4	<0.01	<0.01			
FUG-TREAT	Pretreatment 1-3 VOC Fugitives (6)	VOC	1.05	4.62	14, 15, 16, 17	14, 15, 16, 17, 36	14, 17
		VOC (8)	1.08	4.72			
		H2S	<0.01	<0.01			
FUG-TRN4	Pretreatment Train 4 VOC Fugitives (6)	VOC	0.35	1.54	14, 15, 16, 17	14, 15, 16, 17, 36	14, 17
		VOC (8)	0.39	1.71			
		H2S	<0.01	<0.01			
FUG-CT	Pretreatment Ammonia Fugitives (6)	NH3	0.12	0.51	13	13, 36	
FUG-HTR	Heater Ammonia Fugitives (6)	NH3	0.12	0.51	13	13, 36	
67Z-97-Z1	Ammonia Loading	NH3	<0.01	<0.01	13	13, 36	
PTFSOT	Slop Oil Tank	VOC	<0.01	<0.01			
PTFOWT	Oily Water Tank	VOC	<0.01	<0.01			
PTFHMT	Heating Medium Tank	VOC	3.57	0.01			
PTFSOT-T4	Slop Oil Tank	VOC	<0.01	<0.01			
PTFOWT-T4	Oily Water Tank	VOC	<0.01	<0.01			
PTFHMT-T4	Heating Medium Tank	VOC	3.57	0.01			
67T-90	Amine Storage Tank	VOC	<0.01	<0.01			
PTFFWPT-1	Diesel Firewater Pump Tank	VOC	0.01	<0.01			
PTFFWPT-2	Diesel Fire Water Pump Tank 2	VOC	0.01	<0.01			
PTFEGT-1	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
PTFEGT-2	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			
PTFEGT-3	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			
PTFEGT-4	Diesel Emergency Generator (DQFAH) Tank	VOC	0.01	<0.01			
PTFEGT-5	Diesel Emergency Generator (DQFAH) Tank	VOC	0.01	<0.01			
PTFEGT-6	Diesel Emergency Generator (DFE) Tank	VOC	0.01	<0.01			
PTFEACT-1	Diesel Emergency Air Compressor Tank	VOC	0.01	<0.01			
PTFEACT-2	Diesel Emergency Air Compressor Tank	VOC	0.01	<0.01			
60K-11A	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11B	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11C	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-11A	Booster Compressors Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
60K-11ATK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11BTK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-11CTK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-11ATK	Lube Oil Run Down Tank	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40A	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40B	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K-40C	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K-40A	Residue Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K40ATK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
60K40BTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
60K40CTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
69K40CTK	Lube Oil Run Down Tank Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
64K-43A	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 104840 and N170M1					Issuance Date: TBD		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
64K-43B	Debutanizer Overhead Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
61K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
62K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
63K-30	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
64K-40	Regen Gas Compressor Lube Oil Vent	VOC	<0.01	<0.01			
		PM	<0.01	<0.01			
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
MSS-FUG1-3	Fugitives - Train 1- 3 Vessel Opening for Maintenance	VOC	5.05	0.01	32, 33, 34	32, 33, 34,36	32, 33, 34
		H ₂ S	<0.01	<0.01			
MSS-FUG4	Fugitives - Train 4 Vessel Opening for Maintenance	VOC	5.05	<0.01	32, 33, 34	32, 33, 34, 36	32, 33, 34
		H ₂ S	<0.01	<0.01			

Major NSR Summary Table							
Permit Numbers: 104840 and N170M1				Issuance Date: TBD			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
All	Sitewide Emissions	Individual HAPs	---	10.00			
		Total HAPs	---	25.00			

(1) Emission point identification – either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM2.5

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

SO₂ - sulfur dioxide

H₂SO₄ - sulfuric acid mist

H₂S - hydrogen sulfide

NH₃ - ammonia

MSS - maintenance, startup, and shutdown

HAPs - hazardous air pollutant as listed in §112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. Annual emission rates for each source include planned SS emissions.

(5) Planned startup and shutdown (SS) lbs/hr emission for pollutants are authorized even if not specifically identified as SS.

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(7) Sulfuric acid mist is a subset of PM2.5 emissions.

(8) After construction of the flare gas recovery project.