

From: TVAPPS
Sent: Wednesday, April 23, 2025 3:10 PM
To: Miguel Gallegos
Cc: APIRT
Subject: FW: STEERS/TV 38064 / 3580 - STREAMLINE - CORPUS CHRISTI LIQUEFACTION

-----Original Message-----

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Wednesday, April 23, 2025 8:31 AM
To: RFCAIR14 <rfcair14@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by Nishita Singh. The submittal was received at 04/23/2025 08:30 AM.

The Reference number for this submittal is 780327

The confirmation number for this submittal is 648317.

The Area ID for this submittal is 3580.

The Project ID for this submittal is 38064.

The hash code for this submittal is E32D8E0CB74B3B5E2AC763D7E00DC9A142CDB1382C94C22923ABD897C4D928F5.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at <https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes>.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.



9737 Great Hills Trail, Suite 340, Austin, TX 78759 / P 713-955-1230 / F (713) 955-1201 / trinityconsultants.com

April 22, 2025

Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC 161
12100 Park 35 Circle
Building C, Third Floor
Austin, TX 78753

*RE: Application for Minor Revision
Title V Permit O3580
Corpus Christi Liquefaction LLC
CN604136374/RN104104716*

Dear APIRT:

On behalf of Corpus Christi Liquefaction, LLC, Trinity Consultants is hereby submitting this application for a minor revision of Site Operating Permit No. O3580 for the Corpus Christi Liquefaction in San Patricio County, TX.

If you have any questions or require additional information, please feel free to contact me at 512-639-4191 or Kelley.Oswalt@trinityconsultants.com.

Sincerely,

TRINITY CONSULTANTS

A handwritten signature in black ink that reads "Kelley Oswalt". The signature is written in a cursive, flowing style.

Kelley Oswalt
Senior Consultant

Attachments

cc: Mr. Craig Kondoff, Air Quality Manager, Cheniere, Houston, TX (email)
Mr. Guadalupe Lopez, Air Section Manager, TCEQ Region 14, Corpus Christi, TX
EPA, Region 6. (R6AirPermitsTX@epa.gov)

HEADQUARTERS

12700 Park Central Dr, Ste 2100, Dallas, TX 75251 / P 800.229.6655 / P 972.661.8100 / F 972.385.9203

MINOR REVISION APPLICATION

Site Operating Permit 03580

**Corpus Christi Liquefaction, LLC / Corpus Christi
Liquefaction
CN604136374
RN104104716**

Prepared By:

Kelley Oswalt – Senior Consultant
Heriberto Quintanilla, P.E. – Staff Consultant

TRINITY CONSULTANTS

9737 Great Hills Trail
Suite 340
Austin, TX 78759
512-693-4191

April 2025

Project 254404.0195



TABLE OF CONTENTS

1. PROJECT INFORMATION	1-1
2. ADMINISTRATIVE FORMS	2-1
3. APPLICABLE REQUIREMENTS SUMMARY FORMS	3-1
4. MAJOR NSR SUMMARY TABLES	4-2

1. PROJECT INFORMATION

Corpus Christi Liquefaction, LLC (CCL) owns and operates a liquefied natural gas terminal in San Patricio County, Texas. Facilities at the site are operated under Site Operating Permit (SOP) O3580. The purpose of this application is to revise the SOP.

As part of this minor revision application, the following revisions are being requested:

- ▶ Form OP-REQ1 has been updated to incorporate the latest issuance date of NSR 105710/GHGPSDTX123M1/PSDTX1306M1 on 03/18/2025. The Major NSR Summary Table will also be updated to include this issuance date and the changes made to the MAERT and Special Conditions.
- ▶ Remove unit STG1_2GF from the permit, the unit was never installed.

The Major NSR Summary Tables are being revised in this permit action. Electronic Major NSR Summary Table files using "tracked-changes" to identify the updates in the latest issuance of NSR Permit No. 105710/GHGPSDTX123M1/PSDTX1306M1 will be provided when requested by the permit reviewer. The latest updates from the NSR amendment project 327940, completed on 03/18/2025, will be incorporated in this minor revision. The other pending NSR projects are not to be incorporated at this time.

2. ADMINISTRATIVE FORMS

This section contains the following forms and information:

- ▶ OP-2 – Application for Permit Revision/Renewal
- ▶ OP-SUMR – Individual Unit Summary for Revisions

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

Date:	04/22/2025													
Permit No.:	03580													
Regulated Entity No.:	RN104104716													
Company Name:	Corpus Christi Liquefaction, LLC													
For Submissions to EPA														
Has an electronic copy of this application been submitted (or is being submitted) to EPA?										X	YES		NO	
I. Application Type														
Indicate the type of application:														
	Renewal													
X	Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)													
	Significant Revision													
	Revision Requesting Prior Approval													
	Administrative Revision													
	Response to Reopening													
II. Qualification Statement														
For SOP Revisions Only										X	YES		NO	
For GOP Revisions Only											YES		NO	
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:														
<i>(Check the appropriate box[es].)</i>														
X	VOC	X	NO _x		SO ₂	X	PM ₁₀	X	CO		Pb	X	HAPs	
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)?										X	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:	04/22/2025
Permit No.:	03580
Regulated Entity No.:	RN104104716
Company Name:	Corpus Christi Liquefaction, LLC

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

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	N/A	N/A	OP-REQ1	105710, GHGPSDTX123M1, PSDTX1306M1	Form OP-REQ1 has been updated to incorporate the latest issuance date of NSR 105710/GHGPSDTX123M1/PSDTX1306M1 on 03/18/2025. The Major NSR Summary Table will also be updated to include this issuance date and the changes made to the MAERT and Special Conditions.
2	MS-C	NO	STG1_2GF	OP-UA7	105710, GHGPSDTX123M1, PSDTX1306M1	Remove unit STG1_2GF from the permit, the unit was never installed.

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.
04/22/2025	03580	RN104104716

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
D	2	STG1_2GF	OP-UA7	ENCLOSED GROUND FLARE		105710	GHGPSDTX123M1, PSDTX1306M1

3. APPLICABLE REQUIREMENTS SUMMARY FORMS

This section contains the following forms and information:

- ▶ Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information

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.
04/22/2025	O3580	RN104104716

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):
GHGPSDTX123 M1	03/18/2025	GHG			
PSDTX1306M1	03/18/2025	CO, NO _x , PM, VOC, SO ₂			

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):

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.
04/22/2025	O3580	RN104104716

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
105710	03/18/2025				

- ◆ **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
106.261	11/01/2003	106.511	09/04/2000		
106.262	11/01/2003	106.512	06/13/2001		
106.263	11/01/2001				
106.355	11/01/2001				
106.359	09/10/2013				
106.472	09/04/2000				
106.473	09/04/2000				
106.478	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

4. MAJOR NSR SUMMARY TABLES

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TRB1	Propane Refrigeration Turbines Emission rates are per turbine	NOx	39.60	See Annual CAP limits below.	2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, <u>7</u> , 18, 20, 21, 24, 27, 28	2, 3, 20
TRB2		CO	24.10				
TRB7		VOC	0.90				
TRB8		SO ₂	0.44				
TRB13		H ₂ S	<0.01				
TRB14		PM	0.98				
		PM ₁₀	0.98				
		PM _{2.5}	0.98				
TRB3	Ethylene Refrigeration Turbines Emission rates are per turbine	NOx	39.60		2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, <u>7</u> , 18, 20, 21, 24, 27, 28	2, 3, 20
TRB4		CO	24.10				
TRB9		VOC	0.90				
TRB10		SO ₂	0.44				
TRB15		H ₂ S	<0.01				
TRB16		PM	0.98				
		PM ₁₀	0.98				
		PM _{2.5}	0.98				
TRB5	Methane Refrigeration Turbines	NOx	39.60		2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, <u>7</u> , 18, 20, 21, 24, 27, 28	2, 3, 20
TRB6		CO	24.10				
		VOC	0.90				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TRB11	Emission rates are per turbine	SO ₂	0.44				
TRB12		H ₂ S	<0.01				
TRB17		PM	0.98				
		PM ₁₀	0.98				
TRB18		PM _{2.5}	0.98				
TRB1-TRB18	Annual CAP Six Propane. Six Ethylene. and Six Methane Refrigeration Turbines	NO _x	See hourly limits per turbine above.	3121.92	2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, 7 , 18, 20, 21, 24, 27, 28	2, 3, 20
		CO		1900.26			
		VOC		71.28			
		SO ₂		34.74			
		H ₂ S		0.18			
		PM		77.58			
		PM ₁₀		77.58			
		PM _{2.5}		77.58			
TO-1	Thermal Oxidizer	NO _x	4.69	17.31	7, 13, 18, 20, 24	7 , 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			

Major NSR Summary Table

		PM _{2.5}	0.58	2.15			
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Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 <u>March 18, 2025</u>		
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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TO-2	Thermal Oxidizer	NOx	4.69	17.31	7, 13, 18, 20, 24	<u>7</u> , 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			
		PM _{2.5}	0.58	2.15			
TO-3	Thermal Oxidizer	NOx	4.69	17.31	7, 13, 18, 20, 24	<u>7</u> , 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			
		PM _{2.5}	0.58	2.15			
					7, 13, 14, 24	<u>7</u> , 14, 24, <u>28</u>	
WTDYFLR1	Wet/Dry Gas Flare 1 (Normal operation)	NOx	71.29 <u>71.02</u>	See Flare Cap limits below.			
		CO	283.93 <u>282.86</u>				
		VOC	61.26 <u>61.25</u>				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 <u>March 18, 2025</u>			
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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information	
		SO ₂	4.42					
		H ₂ S	0.05					
WTDYFLR2	Wet/Dry Gas Flare 2 (Normal operation)	NO _x	71.29 <u>71.02</u>			7, 13, 14, 24	<u>7</u> , 14, 24, <u>28</u>	
		CO	283.93 <u>282.86</u>					
		VOC	61.26 <u>61.25</u>					
		SO ₂	4.42					
		H ₂ S	0.05					
STG1_2GF	Ground Flare (Normal operation)	NO_x	71.29			7, 13, 16, 17, 24, 29	16, 17, 24	16
		CO	283.93					
		VOC	61.26					
		SO₂	4.42					
		H₂S	0.05					
WTDYFLR1_ and WTDYFLR2, and STG1_2GF	Flare Cap (Normal Operations)	NO _x	71.02	63.94 <u>57.81</u>	7, 13, 14, 16, 17, 24, 29	<u>7</u> , 14, 16, 17, 24, 28	16	
		CO	282.86	254.65 <u>339.19</u>				
		VOC	61.25	74.87 <u>75.38</u>				
		SO ₂	4.42	3.39 <u>3.48</u>				
		H ₂ S	0.05	0.04				
WTDYFLR1	Wet/Dry Gas Flare 1	NO _x	816.68	See Annual Flare Cap	7, 13, 14, 24	<u>7</u> , 14, 24, 25, 28		
		CO	3,252.52					

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 <u>March 18, 2025</u>		
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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
	(MSS)	VOC	2,895.54	(MSS) below.			
		SO ₂	2.20				
		H ₂ S	0.02				
WTDYFLR2	Wet/Dry Gas Flare 2 (MSS)	NO _x	816.68		7, 13, 14, 24	<u>7</u> , 14, 24, 25, 28	
		CO	3,252.52				
		VOC	2,895.54				
		SO ₂	2.20				
		H ₂ S	0.02				
STG1_2GF	Ground Flare (MSS)	NO_x	816.68		7, 13, 16, 17, 24, 29	16, 17, 24, 25, 28	16
		CO	3,252.52				
		VOC	2,895.54				
		SO₂	2.20				
		H₂S	0.02				
WTDYFLR1 and - WTDYFLR2 - STG1_2GF	Annual Flare Cap (MSS)	NO _x	See hourly MSS limits per flare above.	228.09	7, 13, 14, 16, 17, 24, 29	<u>7</u> , 14, 16, 17, 24, 25, 28	16
		CO		908.39			
		VOC		116.62			
		SO ₂		1.02			
		H ₂ S		0.01			
MRNFLR	Marine Flare	NO _x	106.23 <u>389.73</u>	47.66 <u>58.18</u>	7, 13, 14, <u>17</u> , 24	<u>7</u> , 14, <u>17</u> , 24, 28	
		CO	909.72 <u>1,552.05</u>	403.88 <u>414.77</u>			
		VOC	7.85 <u>394.37</u>	3.60 <u>14.59</u>			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
GEN1	Standby Generator 1	SO ₂	<0.01	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		H ₂ S	<0.01	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
GEN2	Standby Generator 2	PM ₁₀	0.16	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM _{2.5}	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
GEN3	Standby Generator 3	PM ₁₀	0.16	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM _{2.5}	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
GEN4	Standby Generator 4	PM ₁₀	0.16	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM _{2.5}	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
FWPUMP1	Diesel Firewater Pump 1	PM ₁₀	0.16	<0.01	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		PM _{2.5}	0.16	<0.01			
		NO _x	2.90	0.13			
		CO	0.69	0.03			
		VOC	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		PM	0.10	<0.01			
FWPUMP2	Diesel Firewater Pump 2	PM ₁₀	0.10	<0.01	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		PM _{2.5}	0.10	<0.01			
		NO _x	2.90	0.13			
		CO	0.69	0.03			
		VOC	0.08	<0.01			
		SO ₂	<0.01	<0.01	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		PM	0.10	<0.01			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	0.10	<0.01			
		PM _{2.5}	0.10	<0.01			
IFRTK1	Condensate Tank	VOC	0.60	1.27	2, 3, 8, 17 , 24	2, 8, 17 , 24, 28	2, 3
TRKLD	Truck Loading	VOC	1.33	1.91	11, 24	24, 28	
TRKVCU	Condensate Truck Loading VCU	NO _x	5.11	22.40	11, 12, 24	12, 24, 28	
		CO	2.96	12.99			
		VOC	1.02	1.47			
		SO ₂	0.02	0.09			
		PM	0.28	1.21			
		PM ₁₀	0.28	1.21			
		PM _{2.5}	0.28	1.21			
WWLD	Wastewater Truck Loading	VOC	3.95	0.03	24	24, 28	
WWTK1	Wastewater Tank	VOC	0.18	<0.01	2, 24	2, 24, 28	2
TK1902	Spent Scavenger Tank	VOC	0.01	<0.01	2, 10, 24	2, 24, 28	2
SCAVLD	Spent Scavenger Loading	VOC	<0.01	<0.01	24	24, 28	
DSLTK1	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
DSLTK2	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
DSLTK3	Diesel Tank	VOC	0.08	<0.01	24	24, 28	

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 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 Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
DSLTK4	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
FWPTK1	Diesel Tank	VOC	0.05	<0.01	24	24, 28	
FWPTK2	Diesel Tank	VOC	0.05	<0.01	24	24, 28	
GDFTK1	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
GDFTK2	Gasoline Tank	VOC	14.52	0.31	9, 24	24, 28	
AMNTK1	Amine Storage Tank	VOC	<0.01	<0.01	24	24, 28	
AMNSRG1	Amine Surge Tank -	VOC	<0.01	<0.01	24	24, 28	
AMNSRG2	Amine Surge Tank -	VOC	<0.01	<0.01	24	24, 28	
AMNSRG3	Amine Surge Tank -	VOC	<0.01	<0.01	24	24, 28	
FUG	Fugitive Emissions (6)	VOC	18.12	79.40	23	23, 28	23
		H ₂ S	<0.01	<0.01			
TRKMSS	Truck Loading (MSS)	VOC	43.05	0.49	11, 24	24, 28	

Footnotes:

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 H₂S - hydrogen sulfide
- (4) Planned startup and shutdown (SS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as SS.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations

Major NSR Summary Table

Permit Numbers: GHGPSDTX123M1				Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TRB1-TRB18	Annual cap Six Propane, Six Ethylene, and Six Methane Refrigeration Turbines	CO ₂ (5)	3,963,366	2, 5, 4211, 4716, 4817, 4918	2, 5, 4211, 4716, 4918, 2019, 2420, 2221	
		CH ₄ (5)	75			
		N ₂ O (5)	8			
		CO ₂ e	3,967,486			
TO-1	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 4410, 4312, 4413, 4514, 4716, 4817, 4918	5, 6, 4410, 4312, 4413, 4514, 4716, 4918, 2019, 2420, 2221	4410
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
TO-2	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 4410, 4312, 4413, 4514, 4716, 4817, 4918	5, 6, 4410, 4312, 4413, 4514, 4716, 4918, 2019, 2420, 2221	4410
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
TO-3	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 4410, 4312, 4413, 4514, 4716, 4817, 4918	5, 6, 4410, 4312, 4413, 4514, 4716, 4918, 2019, 2420, 2221	4410
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
WTDYFLR1, WTDYFLR2, STG1-2GF	Annual Flare Cap (Continuous and MSS)	CO ₂ (5)(6)	321,707 339,287	5, 6, 7, 9, 4716, 4817	5, 7, 4716, 2420, 2221	
		CH ₄ (5)(6)	1,543 21,682			
		N ₂ O (5)(6)	<1			
		CO ₂ e (6)	360,439 381,499			

Major NSR Summary Table

Permit Numbers: GHGPSDTX123M1				Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
MRNFLR	Marine Flare	CO ₂ (5)	85,176 87,889	5, 6, 7, 4716, 4817	5, 7, 4716, 2420, 2221	
		CH ₄ (5)	6666 72.6			
		N ₂ O (5)	<1			
		CO ₂ e	401,844 104,759			
GEN1	Standby Generator 1	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN2	Standby Generator 2	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN3	Standby Generator 3	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN4	Standby Generator 4	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			

Major NSR Summary Table

Permit Numbers: GHGPSDTX123M1				Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
FWPUMP1	Diesel Firewater Pump 1	CO ₂ (5)	24	5, 4716 , 4817	4, 5, 4716 , 2420 , 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	24			
FWPUMP2	Diesel Firewater Pump 2	CO ₂ (5)	24	5, 4716 , 4817	4, 5, 4716 , 2420 , 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	24			
TRKVCU	Condensate Truck Loading VCU (6)	CO ₂ (5)	21,859	4716 , 4817	4716 , 2420 , 2221	
		CH ₄ (5)	1			
		N ₂ O (5)	<1			
		CO ₂ e	21,947			
FUG	Fugitive Emissions (5)(6)	CO ₂ (5)	12	4615	4615 , 2420 , 2221	4615
		CH ₄ (5)	143			
		CO ₂ e	3,590			
MSS-BOG	BOG Compressor MSS Venting	CH ₄ (5)	1	4716	4716 , 2420 , 2221	
		CO ₂ e	19			

Footnotes:

- (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)

CO ₂	-	carbon dioxide
N ₂ O	-	nitrous oxide
CH ₄	-	methane
HFCs	-	hydrofluorocarbons
PFCs	-	perfluorocarbons
SF ₆	-	sulfur hexafluoride
CO ₂ e	-	carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):
		CO ₂ (1), N ₂ O (298), CH ₄ (25), SF ₆ (22,800), HFC (various), PFC (various)
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.
- (6) Emissions updated to be consistent with the records required by 30 TAC § 116.164(b)

Texas Commission on Environmental Quality

Title V Existing

3580

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CORPUS CHRISTI LIQUEFACTION
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	97.269166
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN104104716
What is the name of the Regulated Entity (RE)?	CORPUS CHRISTI LIQUEFACTION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	622 HWY 35
City	GREGORY
State	TX
ZIP	78359
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	-97.269166
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)?	CN604136374
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Corpus Christi Liquefaction, LLC
Texas SOS Filing Number	801612887
Federal Tax ID	
State Franchise Tax ID	32048261799
State Sales Tax ID	
Local Tax ID	
DUNS Number	79435874
Number of Employees	
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	CORPUS CHRISTI LIQUEFACTION LLC
Prefix	MS
First	Nishita
Middle	
Last	Singh
Suffix	
Credentials	
Title	Vice President and General Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY
State	TX
ZIP	78359
Phone (###-###-####)	3619771212
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	nishita.singh@Cheniere.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JESSICA MUENNINK(CHENIERE ENERGY...)
Organization Name	CHENIERE ENERGY INC
Prefix	MRS
First	JESSICA
Middle	
Last	MUENNINK
Suffix	
Credentials	
Title	HEALTH SAFETY AND ENVIRONMENTAL MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY
State	TX
Zip	78359
Phone (###-###-####)	3619771342
Extension	

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

jessica.muennink@cheniere.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

Corpus Christi Liquefaction LLC

Prefix

MR

First

Craig

Middle

Last

Kondoff

Suffix

Credentials

Title

Manager, Air Quality

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

845 TEXAS ST STE 1250

Routing (such as Mail Code, Dept., or Attn:)

City

HOUSTON

State

TX

ZIP

77002

Phone (###-###-####)

7133756613

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

craig.kondoff@cheniere.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

27 Deg 52 Min 59 Sec

3) Permit Longitude Coordinate:

97 Deg 16 Min 9 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?

Streamlined 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?

No

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	CCL SOP O3580 Minor Revision Application final.pdf
Hash	E062FEBDE24D9B634D04291235241B1C8B89C441CAC95C2DBFB6AAE3F1A81132
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?

No

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 Jessica R Muennink, the owner of the STEERS account ER021841.
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 3580.
- 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: Jessica R Muennink OWNER OPERATOR

Account Number:	ER021841
Signature IP Address:	8.29.109.51
Signature Date:	2025-04-23
Signature Hash:	C86C4EEF8777A6078DA4EE5C100F5D88B6EC6FFF3162C54BF4B6C2831EC02EE4
Form Hash Code at time of Signature:	E32D8E0CB74B3B5E2AC763D7E00DC9A142CDB1382C94C22923ABD897C4D928F5

Submission

Reference Number:	The application reference number is 780327
Submitted by:	The application was submitted by ER021841/Jessica R Muennink
Submitted Timestamp:	The application was submitted on 2025-04-23 at 08:30:34 CDT
Submitted From:	The application was submitted from IP address 8.29.109.51
Confirmation Number:	The confirmation number is 648317
Steers Version:	The STEERS version is 6.90
Permit Number:	The permit number is 3580

Additional Information

Application Creator: This account was created by Heriberto Quintanilla