

Executive Summary – Enforcement Matter – Case No. 61133
Corpus Christi Liquefaction, LLC
RN104104716
Docket No. 2021-1033-AIR-E

Order Type:

1660 Agreed Order

Findings Order Justification:

N/A

Media:

AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

Corpus Christi Liquefaction, 622 Highway 35, Gregory, San Patricio County

Type of Operation:

Liquefied natural gas terminal

Other Significant Matters:

Additional Pending Enforcement Actions: No

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: December 23, 2022

Comments Received: No

Penalty Information

Total Penalty Assessed: \$114,750

Amount Deferred for Expedited Settlement: \$22,950

Total Paid to General Revenue: \$45,900

Total Due to General Revenue: \$0

Payment Plan: N/A

Supplemental Environmental Project (“SEP”) Conditional Offset: \$15,989

Name of SEP: Texas A&M University - Corpus Christi (Third-Party Pre-Approved)

Supplemental Environmental Project (“SEP”) Conditional Offset: \$29,911

Name of SEP: Texas Congress of Parents and Teachers dba Texas PTA (Third-Party Pre-Approved)

Compliance History Classifications:

Person/CN - Satisfactory

Site/RN - Satisfactory

Major Source: Yes

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: January 2021

Investigation Information

Complaint Date(s): N/A

Complaint Information: N/A

Date(s) of Investigation: May 12, 2021 through May 26, 2021

Date(s) of NOE(s): July 23, 2021

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Violation Information

1. Failed to comply with the maximum allowable emissions rates ("MAERs"). Specifically, the Respondent exceeded the nitrogen oxides ("NOx") MAER of 106.23 pounds per hour ("lbs/hr") by 23.33 lbs/hr for one hour on January 22, 2020 and the volatile organic compounds ("VOC") MAER of 7.85 lbs/hr by a range from 0.16 lb/hr to 37.47 lbs/hr for a total of 17 hours on May 2, 2020, October 14, 2020, November 17, 2020, and November 22, 2020 for the Marine Flare, Emissions Point Number ("EPN") MRNFLR, resulting in 23.33 pounds ("lbs") of unauthorized NOx emissions and 154.93 lbs of unauthorized VOC emissions [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), New Source Review ("NSR") Permit Nos. 105710 and PSDTX1306M1, Special Conditions ("SC") No. 1, Federal Operating Permit ("FOP") No. O3580, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b)].
2. Failed to comply with the MAER. Specifically, the Respondent exceeded the VOC MAER of 0.43 ton per year ("tpy") based on a 12-month rolling period for the 12-month period ending on October 2020 for the Condensate Tank, EPN IFRTK1, resulting in approximately 0.11 ton of unauthorized VOC emissions [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b)].
3. Failed to comply with the minimum outlet temperature for the thermal oxidizer. Specifically, the Respondent established the minimum outlet temperature for the Thermal Oxidizer to be 1,740 °F on an hourly average basis when waste gas is directed to the Thermal Oxidizer, but the outlet temperature was below 1,740 °F for a total of 24 hours from January 1, 2020 to April 19, 2020 and a total of seven hours from September 6, 2020 to October 29, 2020 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(c) and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 10, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b)].
4. Failed to replace the carbon canisters after exceeding the VOC concentration limit. Specifically, the carbon canisters of the carbon absorption system for the Wastewater Tank exceeded the VOC concentration limit of 100 parts per million on January 6, 2020 and on September 9, 2020, but the carbon canisters were not replaced in a timely manner [30 TEX. ADMIN. CODE §§ 101.20(1) and (3), 115.112(c)(1), 116.115(c), and 122.143(4), 40 CODE OF FEDERAL REGULATIONS § 60.112b(a)(3), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 2.B, FOP No. O3580, GTC and STC Nos. 1.A, 4, and 8, and TEX. HEALTH & SAFETY CODE § 382.085(b)].
5. Failed to comply with the MAER. Specifically, the Respondent exceeded the carbon monoxide MAER of 106.20 lbs/hr by 35.80 lbs/hr and 50.80 lbs/hr for two hours on January 24, 2020 for the Wet/Dry Gas Flare 2, EPN WTDYFLR2, resulting in 86.60 lbs of unauthorized carbon monoxide emissions [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1,

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SC No. 1, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

6. Failed to comply with the MAER. Specifically, the Respondent exceeded the VOC MAER of 5.21 lbs/hr by a range from 0.37 lb/hr to 29.8 lbs/hr for four hours on February 20, 2020 and two hours on October 23, 2020 for the Wet/Dry Gas Flare 1, EPN WTDYFLR1, resulting in 48.80 lbs of unauthorized VOC emissions [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:

The Respondent implemented the following corrective measures:

- a. By September 9, 2020, replaced the carbon canisters of the carbon absorption system for the Wastewater Tank;
- b. On November 4, 2020, obtained an amendment for NSR Permit Nos. 105710 and PSDTX1306M1 that increased the VOC MAER for the Condensate Tank, EPN IFRTK1, the carbon monoxide hourly MAER for the Wet/Dry Gas Flare 2, EPN WTDYFLR2, and the VOC hourly MAER for the Wet/Dry Gas Flare 1, EPN WTDYFLR1;
- c. By November 10, 2020, adjusted the outlet temperature setpoint for the Thermal Oxidizer and by conducting a performance test that established the minimum outlet temperature as 1,699 °F on an hourly average basis when waste gas is directed to the Thermal Oxidizer;
- d. By November 30, 2020, demonstrated compliance with the VOC annual MAER for the Condensate Tank, EPN IFRTK1; and
- e. By June 10, 2021, adjusted the preventative maintenance schedule to replace the carbon canisters of the carbon absorption system for the Wastewater Tank more frequently in order to comply with the periodic monitoring requirements.

Technical Requirements:

1. The Order will require the Respondent to implement and complete two SEPs (see SEP Attachments A and B).
2. The Order will also require the Respondent to:
 - a. Within 30 days, implement measures and/or procedures designed to comply with the NOx and VOC hourly MAERs for the Marine Flare, EPN MRNFLR; and

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b. Within 45 days, submit written certification to demonstrate compliance with a.

Contact Information

TCEQ Attorney: N/A

TCEQ Enforcement Coordinator: Yuliya Dunaway, Enforcement Division, Enforcement Team 2, MC R-13, (210) 403-4077; Michael Parrish, Enforcement Division, MC 219, (512) 239-2548

TCEQ SEP Coordinator: Stuart Beckley, SEP Coordinator, Enforcement Division, MC 219, (512) 239-3565

SEP Third-Party Administrator: Texas A&M University - Corpus Christi, 6300 Ocean Drive, NRC #2200, Unit 5844, Corpus Christi, Texas 78412

SEP Third-Party Administrator: Texas PTA, 408 West 11th Street, Austin, Texas 78701

Respondent: Maas Hinz, Vice President and General Manager, Corpus Christi Liquefaction, LLC, P.O. Box 162, Gregory, Texas 78359

Respondent's Attorney: N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 5 (January 28, 2021)

PCW Revision February 11, 2021

DATES	Assigned	26-Jul-2021	Screening	3-Aug-2021	EPA Due	
	PCW	7-Nov-2022				

RESPONDENT/FACILITY INFORMATION	
Respondent	Corpus Christi Liquefaction, LLC
Reg. Ent. Ref. No.	RN104104716
Facility/Site Region	14-Corpus Christi
Major/Minor Source	Major

CASE INFORMATION			
Enf./Case ID No.	61133	No. of Violations	6
Docket No.	2021-1033-AIR-E	Order Type	1660
Media Program(s)	Air	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	Yuliya Dunaway
		EC's Team	Enforcement Team 4
Admin. Penalty \$ Limit Minimum	\$0	Maximum	\$25,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)	Subtotal 1	\$112,500
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ADJUSTMENTS (+/-) TO SUBTOTAL 1	Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.	
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Compliance History	22.0% Adjustment	Subtotals 2, 3, & 7	\$24,750
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Notes: Enhancement for one NOV with same/similar violations, one NOV with dissimilar violations, and one order containing a denial of liability. Reduction for three notices of intent to conduct an audit and one disclosure of violations.

Culpability	No	0.0% Enhancement	Subtotal 4	\$0
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Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply Total Adjustments	Subtotal 5	-\$22,500
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Economic Benefit	0.0% Enhancement*	Subtotal 6	\$0
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Total EB Amounts	\$2,898	*Capped at the Total EB \$ Amount
Estimated Cost of Compliance	\$43,900	

SUM OF SUBTOTALS 1-7	Final Subtotal	\$114,750
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OTHER FACTORS AS JUSTICE MAY REQUIRE	0.0% Adjustment	\$0
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Reduces or enhances the Final Subtotal by the indicated percentage.

Notes:

Final Penalty Amount	\$114,750
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STATUTORY LIMIT ADJUSTMENT	Final Assessed Penalty	\$114,750
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DEFERRAL	20.0% Reduction	Adjustment	-\$22,950
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Reduces the Final Assessed Penalty by the indicated percentage.

Notes: Deferral offered for expedited settlement.

PAYABLE PENALTY	\$91,800
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Screening Date 3-Aug-2021

Docket No. 2021-1033-AIR-E

PCW

Respondent Corpus Christi Liquefaction, LLC

Policy Revision 5 (January 28, 2021)

Case ID No. 61133

PCW Revision February 11, 2021

Reg. Ent. Reference No. RN104104716

Media Air

Enf. Coordinator Yuliya Dunaway

Compliance History Worksheet

>> Compliance History *Site Enhancement (Subtotal 2)*

Component	Number of...	Number	Adjust.
NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	1	5%
	Other written NOVs	1	2%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	1	20%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgments or consent decrees meeting criteria</i>)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which notices were submitted</i>)	3	-3%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	1	-2%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 22%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Satisfactory Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

Enhancement for one NOV with same/similar violations, one NOV with dissimilar violations, and one order containing a denial of liability. Reduction for three notices of intent to conduct an audit and one disclosure of violations.

Total Compliance History Adjustment Percentage (Subtotals 2, 3, & 7) 22%

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100% 22%

Screening Date 3-Aug-2021 **Docket No.** 2021-1033-AIR-E **PCW**
Respondent Corpus Christi Liquefaction, LLC *Policy Revision 5 (January 28, 2021)*
Case ID No. 61133 *PCW Revision February 11, 2021*
Reg. Ent. Reference No. RN104104716
Media Air
Enf. Coordinator Yuliya Dunaway

Violation Number 1
Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), New Source Review ("NSR") Permit Nos. 105710 and PSDTX1306M1, Special Conditions ("SC") No. 1, Federal Operating Permit ("FOP") No. O3580, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") No. 9, and Tex. Health & Safety Code § 382.085(b)
Violation Description Failed to comply with the maximum allowable emissions rates ("MAERs"). Specifically, the Respondent exceeded the nitrogen oxides ("NOx") MAER of 106.23 pounds per hour ("lbs/hr") by 23.33 lbs/hr for one hour on January 22, 2020 and the volatile organic compounds ("VOC") MAER of 7.85 lbs/hr by a range from 0.16 lb/hr to 37.47 lbs/hr for a total of 17 hours on May 2, 2020, October 14, 2020, November 17, 2020, and November 22, 2020 for the Marine Flare, Emissions Point Number ("EPN") MRNFLR, resulting in 23.33 pounds ("lbs") of unauthorized NOx emissions and 154.93 lbs of unauthorized VOC emissions.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR	Release	Harm			Percent
		Major	Moderate	Minor	
		Actual			
Potential					

>> Programmatic Matrix

	Falsification	Major	Moderate	Minor	Percent
					0.0%

Matrix Notes Human health or the environment has been exposed to insignificant amounts of pollutants that do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 3 5 Number of violation days

daily	
weekly	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty \$22,500

Three quarterly events are recommended for the instances of non-compliance that occurred on January 22, 2020, on May 2, 2020, and from October 14, 2020 to November 22, 2020.

Good Faith Efforts to Comply 0.0% Reduction \$0

Before NOE/NOV NOE/NOV to EDPRP/Settlement Offer

Extraordinary		
Ordinary		
N/A	x	

Notes The Respondent does not meet the good faith criteria for this violation.

Violation Subtotal \$22,500

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount \$1,637 **Violation Final Penalty Total** \$27,450

This violation Final Assessed Penalty (adjusted for limits) \$27,450

Economic Benefit Worksheet

Respondent Corpus Christi Liquefaction, LLC
Case ID No. 61133
Reg. Ent. Reference No. RN104104716
Media Air
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	22-Jan-2020	1-May-2023	3.27	\$1,637	n/a	\$1,637

Notes for DELAYED costs

Estimated cost to implement measures and/or procedures designed to comply with the NOx and VOC hourly MAERs for the Marine Flare, EPN MRNFLR. The Date Required is the initial date of non-compliance and the Final Date is the estimated date of compliance.

Avoided Costs

ANNUALIZE avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$10,000

TOTAL

\$1,637

Screening Date 3-Aug-2021 **Docket No.** 2021-1033-AIR-E **PCW**
Respondent Corpus Christi Liquefaction, LLC *Policy Revision 5 (January 28, 2021)*
Case ID No. 61133 *PCW Revision February 11, 2021*
Reg. Ent. Reference No. RN104104716
Media Air
Enf. Coordinator Yuliya Dunaway

Violation Number

Rule Cite(s)
 30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and Tex. Health & Safety Code § 382.085(b)

Violation Description
 Failed to comply with the MAER. Specifically, the Respondent exceeded the VOC MAER of 0.43 ton per year ("tpy") based on a 12-month rolling period for the 12-month period ending on October 2020 for the Condensate Tank, EPN IFRTK1, resulting in approximately 0.11 ton of unauthorized VOC emissions.

Base Penalty

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input type="text"/>	<input type="text"/>	<input checked="" type="text" value="x"/>	<input type="text" value="30.0%"/>
Potential	<input type="text"/>	<input type="text"/>	<input type="text"/>	

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0.0%"/>

Matrix Notes
 Human health or the environment has been exposed to insignificant amounts of pollutants that do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment

Violation Events

Number of Violation Events Number of violation days

daily	<input type="text"/>
weekly	<input type="text"/>
monthly	<input checked="" type="text" value="x"/>
quarterly	<input type="text"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty

One monthly event is recommended for the period of non-compliance that occurred during October 2020.

Good Faith Efforts to Comply Reduction

	Before NOE/NOV	NOE/NOV to EDPRP/Settlement Offer
Extraordinary	<input type="text"/>	<input type="text"/>
Ordinary	<input checked="" type="text" value="x"/>	<input type="text"/>
N/A	<input type="text"/>	<input type="text"/>

Notes
 The Respondent completed the corrective measures by November 30, 2020, prior to the Notice of Enforcement ("NOE") dated July 23, 2021.

Violation Subtotal

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount **Violation Final Penalty Total**

This violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Corpus Christi Liquefaction, LLC
Case ID No. 61133
Reg. Ent. Reference No. RN104104716
Media Air
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling	\$1,500	1-Oct-2020	30-Nov-2020	0.16	\$12	n/a	\$12
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs	\$900	24-Jan-2020	4-Nov-2020	0.78	\$35	n/a	\$35
Other (as needed)				0.00	\$0	n/a	\$0

Notes for DELAYED costs

Actual cost to obtain an amendment for NSR Permit Nos. 105710 and PSDTX1306M1 that increased the VOC annual MAER for the Condensate Tank, EPN IFRTK1, the CO hourly MAER for the Wet/Dry Gas Flare 2, EPN WTDYFLR2, and the VOC hourly MAER for the Wet/Dry Gas Flare 1, EPN WTDYFLR1, (\$900) and estimated cost to demonstrate compliance with the VOC annual MAER for the Condensate Tank, EPN IFRTK1, (\$1,500). The Dates Required are the initial dates of non-compliance and the Final Dates are the dates of compliance.

Avoided Costs

ANNUALIZE avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$2,400

TOTAL

\$47

Screening Date 3-Aug-2021 **Docket No.** 2021-1033-AIR-E **PCW**
Respondent Corpus Christi Liquefaction, LLC *Policy Revision 5 (January 28, 2021)*
Case ID No. 61133 *PCW Revision February 11, 2021*
Reg. Ent. Reference No. RN104104716
Media Air
Enf. Coordinator Yuliya Dunaway

Violation Number 3

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3), 116.115(c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 10, FOP No. O3580, GTC and STC No. 9, and Tex. Health & Safety Code § 382.085(b)

Violation Description
 Failed to comply with the minimum outlet temperature for the thermal oxidizer. Specifically, the Respondent established the minimum outlet temperature for the Thermal Oxidizer to be 1,740 °F on an hourly average basis when waste gas is directed to the Thermal Oxidizer, but the outlet temperature was below 1,740 °F for a total of 24 hours from January 1, 2020 to April 19, 2020 and a total of seven hours from September 6, 2020 to October 29, 2020.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual			x	30.0%
Potential				

>> Programmatic Matrix

Falsification	Harm			Percent
	Major	Moderate	Minor	
				0.0%

Matrix Notes
 Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 6 31 Number of violation days

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty \$45,000

Six monthly events are recommended for the instances of non-compliance that occurred from January 1, 2020 to April 19, 2020 and from September 6, 2020 to October 29, 2020.

Good Faith Efforts to Comply 25.0% Reduction \$11,250

	Before NOE/NOV	NOE/NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		

Notes
 The Respondent completed the corrective measures by November 10, 2020, prior to the NOE dated July 23, 2021.

Violation Subtotal \$33,750

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount \$430 **Violation Final Penalty Total** \$43,650

This violation Final Assessed Penalty (adjusted for limits) \$43,650

Economic Benefit Worksheet

Respondent Corpus Christi Liquefaction, LLC
Case ID No. 61133
Reg. Ent. Reference No. RN104104716
Media Air
Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	1-Jan-2020	10-Nov-2020	0.86	\$430	n/a	\$430
Notes for DELAYED costs	Estimated cost to adjust the outlet temperature setpoint for the Thermal Oxidizer and to conduct a performance test that established the minimum outlet temperature as 1,699 °F on an hourly average basis when waste gas is directed to the Thermal Oxidizer. The Date Required is the date of the first non-compliance and the Final Date is the date of compliance.						

Avoided Costs ANNUALIZE avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Notes for AVOIDED costs							

Approx. Cost of Compliance	\$10,000	TOTAL	\$430
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Screening Date 3-Aug-2021 **Docket No.** 2021-1033-AIR-E **PCW**
Respondent Corpus Christi Liquefaction, LLC *Policy Revision 5 (January 28, 2021)*
Case ID No. 61133 *PCW Revision February 11, 2021*
Reg. Ent. Reference No. RN104104716
Media Air
Enf. Coordinator Yuliya Dunaway

Violation Number 4

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(1) and (3), 115.112(c)(1), 116.115(c), and 122.143(4), 40 Code of Federal Regulations § 60.112b(a)(3), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 2.B, FOP No. O3580, GTC and STC Nos. 1.A, 4, and 8, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to replace the carbon canisters after exceeding the VOC concentration limit. Specifically, the carbon canisters of the carbon absorption system for the Wastewater Tank exceeded the VOC concentration limit of 100 parts per million on January 6, 2020 and on September 9, 2020, but the carbon canisters were not replaced in a timely manner.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual			x	30.0%
Potential				

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0.0%

Matrix Notes Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 2 2 Number of violation days

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty \$15,000

Two monthly events are recommended for the instances of non-compliance that occurred on January 6, 2020 and September 9, 2020.

Good Faith Efforts to Comply

25.0% Reduction \$3,750

	Before NOE/NOV	NOE/NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		

Notes The Respondent completed the corrective measures by June 10, 2021, prior to the NOE dated July 23, 2021.

Violation Subtotal \$11,250

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$784

Violation Final Penalty Total \$14,550

This violation Final Assessed Penalty (adjusted for limits) \$14,550

Economic Benefit Worksheet

Respondent Corpus Christi Liquefaction, LLC
Case ID No. 61133
Reg. Ent. Reference No. RN104104716
Media Air
Violation No. 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System	\$1,500	6-Jan-2020	10-Jun-2021	1.43	\$107	n/a	\$107
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$20,000	6-Jan-2020	9-Sep-2020	0.68	\$677	n/a	\$677

Notes for DELAYED costs

Estimated costs to replace the carbon canisters of the carbon absorption system for the Wastewater Tank (\$10,000 per carbon canister) and to adjust the preventative maintenance schedule to replace the carbon canisters of the carbon absorption system for the Wastewater Tank more frequently in order to comply with the periodic monitoring requirements (\$1,500). The Dates Required are the initial date of non-compliance and the Final Dates are the dates of compliance.

Avoided Costs

ANNUALIZE avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$21,500

TOTAL

\$784

Screening Date 3-Aug-2021 **Docket No.** 2021-1033-AIR-E **PCW**
Respondent Corpus Christi Liquefaction, LLC *Policy Revision 5 (January 28, 2021)*
Case ID No. 61133 *PCW Revision February 11, 2021*
Reg. Ent. Reference No. RN104104716
Media Air
Enf. Coordinator Yuliya Dunaway

Violation Number 5

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and Tex. Health & Safety Code § 382.085(b)

Violation Description
 Failed to comply with the MAER. Specifically, the Respondent exceeded the carbon monoxide ("CO") MAER of 106.20 lbs/hr by 35.80 lbs/hr and 50.80 lbs/hr for two hours on January 24, 2020 for the Wet/Dry Gas Flare 2, EPN WTDYFLR2, resulting in 86.60 lbs of unauthorized CO emissions.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR	Release	Harm			Percent
		Major	Moderate	Minor	
	Actual			x	30.0%
	Potential				

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0.0%

Matrix Notes
 Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 1 Number of violation days 1

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty \$7,500

One monthly event is recommended for the instances of non-compliance that occurred on January 24, 2020.

Good Faith Efforts to Comply 25.0% Reduction \$1,875

	Before NOE/NOV	NOE/NOV to EDRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		

Notes
 The Respondent completed the corrective measures on November 4, 2020, prior to the NOE dated July 23, 2021.

Violation Subtotal \$5,625

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount \$0 **Violation Final Penalty Total** \$7,275

This violation Final Assessed Penalty (adjusted for limits) \$7,275

Economic Benefit Worksheet

Respondent Corpus Christi Liquefaction, LLC
Case ID No. 61133
Reg. Ent. Reference No. RN104104716
Media Air
Violation No. 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)				0.00	\$0	n/a	\$0

Notes for DELAYED costs

See the Economic Benefit for Violation No. 2.

Avoided Costs

ANNUALIZE avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance \$0

TOTAL \$0

Screening Date 3-Aug-2021 **Docket No.** 2021-1033-AIR-E **PCW**
Respondent Corpus Christi Liquefaction, LLC *Policy Revision 5 (January 28, 2021)*
Case ID No. 61133 *PCW Revision February 11, 2021*
Reg. Ent. Reference No. RN104104716
Media Air
Enf. Coordinator Yuliya Dunaway

Violation Number 6

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to comply with the MAER. Specifically, the Respondent exceeded the VOC MAER of 5.21 lbs/hr by a range from 0.37 lb/hr to 29.80 lbs/hr for four hours on February 20, 2020 and two hours on October 23, 2020 for the Wet/Dry Gas Flare 1, EPN WTDYFLR1, resulting in 48.80 lbs of unauthorized VOC emissions.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR	Release	Harm			Percent
		Major	Moderate	Minor	
		Actual			
Potential					

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0.0%

Matrix Notes Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 2 2 Number of violation days

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty \$15,000

Two monthly events are recommended for the instances of non-compliance that occurred on February 20, 2020 and October 23, 2020.

Good Faith Efforts to Comply 25.0% Reduction \$3,750

	Before NOE/NOV	NOE/NOV to EDRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		

Notes The Respondent completed the corrective measures on November 4, 2020, prior to the NOE dated July 23, 2021.

Violation Subtotal \$11,250

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount \$0 **Violation Final Penalty Total** \$14,550

This violation Final Assessed Penalty (adjusted for limits) \$14,550

Economic Benefit Worksheet

Respondent Corpus Christi Liquefaction, LLC
Case ID No. 61133
Reg. Ent. Reference No. RN104104716
Media Air
Violation No. 6

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)				0.00	\$0	n/a	\$0

Notes for DELAYED costs

See the Economic Benefit for Violation No. 2.

Avoided Costs

ANNUALIZE avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$0

TOTAL

\$0

The TCEQ is committed to accessibility.

To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.



Compliance History Report

Compliance History Report for CN604136374, RN104104716, Rating Year 2021 which includes Compliance History (CH) components from September 1, 2016, through August 31, 2021.

Customer, Respondent, or Owner/Operator:	CN604136374, Corpus Christi Liquefaction, LLC	Classification:	SATISFACTORY	Rating:	2.24
Regulated Entity:	RN104104716, CORPUS CHRISTI LIQUEFACTION	Classification:	SATISFACTORY	Rating:	2.24
Complexity Points:	13	Repeat Violator:	NO		
CH Group:	14 - Other				
Location:	622 STATE HIGHWAY 35, GREGORY, SAN PATRICIO COUNTY, TEXAS				
TCEQ Region:	REGION 14 - CORPUS CHRISTI				

ID Number(s):

AIR OPERATING PERMITS PERMIT 3580

PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2050079

AIR NEW SOURCE PERMITS EPA PERMIT GHGPSDTX123

AIR NEW SOURCE PERMITS EPA PERMIT PSDTX1496

AIR NEW SOURCE PERMITS PERMIT 139479

AIR NEW SOURCE PERMITS PERMIT AMOC212

AIR NEW SOURCE PERMITS EPA PERMIT GHGPSDTX123M1

WASTEWATER PERMIT WQ0005367000

AIR EMISSIONS INVENTORY ACCOUNT NUMBER SDA005E

TAX RELIEF ID NUMBER 23975

TAX RELIEF ID NUMBER 23760

TAX RELIEF ID NUMBER 24547

TAX RELIEF ID NUMBER 23912

TAX RELIEF ID NUMBER 23494

TAX RELIEF ID NUMBER 23762

TAX RELIEF ID NUMBER 22908

TAX RELIEF ID NUMBER 22931

TAX RELIEF ID NUMBER 22919

TAX RELIEF ID NUMBER 22590

TAX RELIEF ID NUMBER 22988

TAX RELIEF ID NUMBER 22929

TAX RELIEF ID NUMBER 22913

TAX RELIEF ID NUMBER 23056

TAX RELIEF ID NUMBER 22589

TAX RELIEF ID NUMBER 22910

TAX RELIEF ID NUMBER 22917

TAX RELIEF ID NUMBER 22925

TAX RELIEF ID NUMBER 22912

TAX RELIEF ID NUMBER 22906

TAX RELIEF ID NUMBER 22928

TAX RELIEF ID NUMBER 23058

TAX RELIEF ID NUMBER 22915

TAX RELIEF ID NUMBER 24021

TAX RELIEF ID NUMBER 24570

AIR OPERATING PERMITS ACCOUNT NUMBER SDA005E

AIR NEW SOURCE PERMITS PERMIT 105710

AIR NEW SOURCE PERMITS EPA PERMIT GHGPSDTX157

AIR NEW SOURCE PERMITS EPA PERMIT PSDTX1306

AIR NEW SOURCE PERMITS REGISTRATION 167968

AIR NEW SOURCE PERMITS EPA PERMIT PSDTX1306M1

AIR NEW SOURCE PERMITS AFS NUM 4840900071

WASTEWATER EPA ID TX0134002

TAX RELIEF ID NUMBER 24569

TAX RELIEF ID NUMBER 24545

TAX RELIEF ID NUMBER 23498

TAX RELIEF ID NUMBER 23495

TAX RELIEF ID NUMBER 23911

TAX RELIEF ID NUMBER 23761

TAX RELIEF ID NUMBER 23763

TAX RELIEF ID NUMBER 23057

TAX RELIEF ID NUMBER 22923

TAX RELIEF ID NUMBER 22989

TAX RELIEF ID NUMBER 22916

TAX RELIEF ID NUMBER 22907

TAX RELIEF ID NUMBER 22930

TAX RELIEF ID NUMBER 22909

TAX RELIEF ID NUMBER 22920

TAX RELIEF ID NUMBER 22924

TAX RELIEF ID NUMBER 23297

TAX RELIEF ID NUMBER 22918

TAX RELIEF ID NUMBER 22927

TAX RELIEF ID NUMBER 22922

TAX RELIEF ID NUMBER 22926

TAX RELIEF ID NUMBER 22921

TAX RELIEF ID NUMBER 22610

TAX RELIEF ID NUMBER 22914

TAX RELIEF ID NUMBER 24546

TAX RELIEF ID NUMBER 24568

Compliance History Period: September 01, 2016 to August 31, 2021 **Rating Year:** 2021 **Rating Date:** 09/01/2021

Date Compliance History Report Prepared: August 17, 2022

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: August 17, 2017 to August 17, 2022

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Yuliya Dunaway

Phone: (210) 403-4077

Site and Owner/Operator History:

- | | |
|--|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period? | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO |

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

See addendum for information regarding federal actions.

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	October 10, 2017	(1779568)
Item 2	November 30, 2017	(1449601)
Item 3	January 23, 2018	(1779584)
Item 4	April 11, 2018	(1779539)
Item 5	June 13, 2018	(1467137)
Item 6	July 26, 2018	(1779559)
Item 8	October 24, 2018	(1779569)
Item 10	January 24, 2019	(1779585)
Item 11	February 19, 2019	(1538368)
Item 12	April 23, 2019	(1779540)
Item 13	July 23, 2019	(1779555)
Item 14	August 14, 2019	(1578932)
Item 15	August 27, 2019	(1578942)
Item 17	October 23, 2019	(1779570)
Item 18	November 25, 2019	(1610691)
Item 19	November 26, 2019	(1605788)
Item 20	January 22, 2020	(1779586)
Item 21	January 28, 2020	(1603853)
Item 22	February 11, 2020	(1617950)
Item 23	March 06, 2020	(1632574)
Item 24	April 20, 2020	(1779541)
Item 25	May 14, 2020	(1645407)
Item 26	May 21, 2020	(1646900)
Item 27	June 24, 2020	(1652577)
Item 28	July 23, 2020	(1779556)
Item 29	August 13, 2020	(1622660)
Item 30	October 06, 2020	(1679110)
Item 31	October 09, 2020	(1622659)
Item 32	October 23, 2020	(1678317)
Item 33	October 26, 2020	(1779576)
Item 34	October 29, 2020	(1685520)
Item 35	November 13, 2020	(1659743)
Item 36	November 17, 2020	(1690485)
Item 37	December 17, 2020	(1697140)
Item 38	December 23, 2020	(1697125)
Item 39	January 19, 2021	(1779592)
Item 40	January 25, 2021	(1692337)
Item 41	April 15, 2021	(1706110)
Item 43	April 22, 2021	(1779546)
Item 44	May 13, 2021	(1706400)
Item 45	June 28, 2021	(1711699)

Item 46	June 30, 2021	(1711751)
Item 47	July 22, 2021	(1779557)
Item 48	October 19, 2021	(1779572)
Item 49	November 17, 2021	(1785844)
Item 51	January 18, 2022	(1800730)
Item 52	February 15, 2022	(1808558)
Item 53	March 16, 2022	(1815616)
Item 54	April 13, 2022	(1822172)
Item 55	May 12, 2022	(1831072)
Item 56	June 08, 2022	(1837322)
Item 57	June 16, 2022	(1819375)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

- 1 Date: 08/31/2021 (1779577)
Self Report? YES Classification: Moderate
Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to meet the limit for one or more permit parameter

- 2 Date: 06/17/2022 (1805519)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT IIII 60.4211(a)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 2C PERMIT
Special Term and Condition No. 1A OP
Special Term and Condition No. 9 OP
Description: Failure to comply with applicable emissions requirements provided by 40 Code of Federal Regulations (CFR) Part 60 Subpart IIII for non-emergency engines.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.8(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT KKKK 60.4400(a)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 20E PERMIT
Special Condition No. 11D PERMIT
Special Term and Condition No. 1A OP
Special Term and Condition No. 6B OP
Special Term and Condition No. 9 OP
Description: Failure to conduct an Initial Demonstration of Compliance Stack Test by the required deadline.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Description: Failure to report all instances of deviations on previous deviation reports.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 23I PERMIT
Special Condition No. 16I PERMIT
Special Term and Condition No. 9 OP
Description: Failure to repair a leak within fifteen calendar days from the date of detection.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 1 PERMIT
Special Term and Condition No. 9 OP

Description: Failure to comply with permitted emission rates for refrigeration compressor turbine 16 (EPN TRB16).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 1 PERMIT
Special Term and Condition No. 9 OP

Description: Failure to comply with permitted emission rates for thermal oxidizer 1 (EPN TO-1).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 1 PERMIT
Special Term and Condition No. 9 OP

Description: Failure to comply with permitted emission rates for thermal oxidizer 2 (EPN TO-2).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 1 PERMIT
Special Term and Condition No. 9 OP

Description: Failure to comply with permitted emission rates for thermal oxidizer 3 (EPN TO-3).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 7A PERMIT
Special Term and Condition No. 9 OP

Description: Failure to limit hydrogen sulfide (H₂S) content of fuel utilized by thermal oxidizers and flare pilots to four (4) parts per million volume (ppmv).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 23F PERMIT
Special Term and Condition No. 9 OP

Description: Failure to perform quarterly LDAR monitoring of all components.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
PSDTX1306M1, Special Condition No. 1 PERMIT
Special Term and Condition No. 9 OP

Description: Failure to comply with permitted emissions rates for marine flare (EPN MRNFLR).

F. Environmental audits:

Notice of Intent Date: 09/13/2018 (1519121)

Disclosure Date: 07/30/2019

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT 28M

Description: Failure to conduct quarterly monitoring on the LNG rundown line from Tank A to marine loading.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.H

Description: Failure to complete an initial repair attempt within 5 days of discovery.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.I

Description: Failure to make a final repair attempt within 15 days of discovery.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.H

Description: Failure to complete an initial repair attempt within five days of discovery.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.I

Description: Failure to conduct a final repair attempt with 15 days of discovery.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.H

Description: Failure to conduct an initial repair attempt within 5 days of discovery.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.I

Description: Failure to conduct a final repair attempt within 15 days of discovery.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT SC 18.D

Description: Failure to maintain a list identifying difficult and unsafe to monitor components as required by NSR 105710.

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT 18.F

Description: Failure to monitor certain LDAR components within 90 days of initial in-service date.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter C 122.221(a)

Description: Failure to obtain Title V authorization for "as-built" changes that were operated before Title V Permit O3580 was revised.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter C 122.210(a)

Description: Failure to operate a fuel dispensing facility authorized by a permit by rule greater than 12 months and prior to submitted Title V O3580 application.

Notice of Intent Date: 06/25/2020 (1664219)

No DOV Associated

Notice of Intent Date: 10/23/2020 (1691239)

No DOV Associated

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

Addendum to Compliance History Federal Enforcement Actions

Reg Entity Name: **CORPUS CHRISTI LIQUEFACTION, LLC**

Reg Entity Add: 2 LAQUINTA RD. @ LAQUINTA CHANNEL

Reg Entity City: GREGORY

Reg Entity No: **RN104104716**

EPA Case No: **06-2019-1806**

Order Issue Date (yyyymmdd): 20190724

Case Result: Final Order No Penalty

Statute: CWA

Sect of Statute: 301/402

Classification: Minor

Program: NPDES - Base Program (**Citation:**

Violation Type: Effluent Limit Violations,Not
Otherwise Specified

Cite Sect:

Cite Part:

Enforcement Action: Administrative Compliance Orders

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



IN THE MATTER OF AN
ENFORCEMENT ACTION
CONCERNING
CORPUS CHRISTI LIQUEFACTION, LLC
RN104104716

§
§
§
§
§

BEFORE THE
TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

AGREED ORDER DOCKET NO. 2021-1033-AIR-E

I. JURISDICTION AND STIPULATIONS

On _____, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Corpus Christi Liquefaction, LLC (the "Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent together stipulate that:

1. The Respondent owns and operates a liquefied natural gas terminal located at 622 State Highway 35 in Gregory, San Patricio County, Texas (the "Plant"). The Plant consists or consisted of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
2. The Executive Director and the Respondent agree that the TCEQ has jurisdiction to enter this Order pursuant to TEX. WATER CODE §§ 7.002, 7.051, and 7.073, and that the Respondent is subject to TCEQ's jurisdiction. The TCEQ has jurisdiction in this matter pursuant to TEX. WATER CODE § 5.013 because it alleges violations of TEX. HEALTH & SAFETY CODE ch. 382 and the rules of the TCEQ.
3. The occurrence of any violation is in dispute and the entry of this Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
4. An administrative penalty in the amount of \$114,750 is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent paid \$45,900 of the penalty and \$22,950 of the penalty is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Order and shall be waived only upon full compliance with all the terms and conditions of this Order. If the Respondent fails to timely and satisfactorily comply with any of the terms and conditions contained in this Order, the Executive Director may demand payment of all or part of the deferred penalty amount.

Pursuant to TEX. WATER CODE § 7.067, \$45,900 of the penalty shall be conditionally offset by the Respondent's timely and satisfactory completion of the Supplemental Environmental Projects ("SEPs") as defined in the attached SEP Agreements ("Attachment A" and "Attachment B", incorporated herein by reference). The Respondent's obligation to pay the conditionally offset portion of the penalty shall be discharged upon full compliance with all the terms and conditions of this Order, which includes the timely

and satisfactory completion of all provisions of the SEP Agreements, as determined by the Executive Director.

5. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 TEX. ADMIN. CODE § 70.10(a). Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
6. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Order.
7. This Order represents the complete and fully-integrated agreement of the parties. The provisions of this Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Order unenforceable, the remaining provisions shall be valid and enforceable.
8. This Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Order, whichever is later.
9. The Executive Director recognizes that the Respondent implemented the following corrective measures at the Plant:
 - a. By September 9, 2020, replaced the carbon canisters of the carbon absorption system for the Wastewater Tank;
 - b. On November 4, 2020, obtained an amendment for New Source Review ("NSR") Permit Nos. 105710 and PSDTX1306M1 that increased the volatile organic compounds ("VOC") maximum allowable emissions rate ("MAER") for the Condensate Tank, Emissions Point Number ("EPN") IFRTK1, the carbon monoxide ("CO") hourly MAER for the Wet/Dry Gas Flare 2, EPN WTDYFLR2, and the VOC hourly MAER for the Wet/Dry Gas Flare 1, EPN WTDYFLR1;
 - c. By November 10, 2020, adjusted the outlet temperature setpoint for the Thermal Oxidizer and by conducting a performance test that established the minimum outlet temperature as 1,699 °F on an hourly average basis when waste gas is directed to the Thermal Oxidizer;
 - d. By November 30, 2020, demonstrated compliance with the VOC annual MAER for the Condensate Tank, EPN IFRTK1; and
 - e. By June 10, 2021, adjusted the preventative maintenance schedule to replace the carbon canisters of the carbon absorption system for the Wastewater Tank more frequently in order to comply with the periodic monitoring requirements.

II. ALLEGATIONS

During a record review for the Plant conducted from May 12, 2021 through May 26, 2021, an investigator documented that the Respondent:

1. Failed to comply with the MAERs, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, Special Conditions ("SC") No. 1, Federal Operating Permit ("FOP") No. O3580, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent exceeded the nitrogen oxides ("NOx") MAER of 106.23 pounds per hour ("lbs/hr") by 23.33 lbs/hr for one hour on January 22, 2020 and the VOC MAER of 7.85 lbs/hr by a range from 0.16 lb/hr to 37.47 lbs/hr for a total of 17 hours on May 2, 2020, October 14, 2020, November 17, 2020, and November 22, 2020 for the Marine Flare, EPN MRNFLR, resulting in 23.33 pounds ("lbs") of unauthorized NOx emissions and 154.93 lbs of unauthorized VOC emissions.
2. Failed to comply with the MAER, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent exceeded the VOC MAER of 0.43 ton per year ("tpy") based on a 12-month rolling period for the 12-month period ending on October 2020 for the Condensate Tank, EPN IFRTK1, resulting in approximately 0.11 ton of unauthorized VOC emissions.
3. Failed to comply with the minimum outlet temperature for the thermal oxidizer, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(c) and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 10, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent established the minimum outlet temperature for the Thermal Oxidizer to be 1,740 °F on an hourly average basis when waste gas is directed to the Thermal Oxidizer, but the outlet temperature was below 1,740 °F for a total of 24 hours from January 1, 2020 to April 19, 2020 and a total of seven hours from September 6, 2020 to October 29, 2020.
4. Failed to replace the carbon canisters after exceeding the VOC concentration limit, in violation of 30 TEX. ADMIN. CODE §§ 101.20(1) and (3), 115.112(c)(1), 116.115(c), and 122.143(4), 40 CODE OF FEDERAL REGULATIONS § 60.112b(a)(3), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 2.B, FOP No. O3580, GTC and STC Nos. 1.A, 4, and 8, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the carbon canisters of the carbon absorption system for the Wastewater Tank exceeded the VOC concentration limit of 100 parts per million on January 6, 2020 and on September 9, 2020, but the carbon canisters were not replaced in a timely manner.
5. Failed to comply with the MAER, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent exceeded the CO MAER of 106.20 lbs/hr by 35.80 lbs/hr and 50.80 lbs/hr for two hours on January 24, 2020 for the Wet/Dry Gas Flare 2, EPN WTDYFLR2, resulting in 86.60 lbs of unauthorized CO emissions.
6. Failed to comply with the MAER, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and (c), and 122.143(4), NSR Permit Nos. 105710 and PSDTX1306M1, SC No. 1, FOP No. O3580, GTC and STC No. 9, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent exceeded the VOC MAER of 5.21 lbs/hr by a range from 0.37 lb/hr to 29.8 lbs/hr for four hours on February 20, 2020 and two hours on October 23, 2020 for the Wet/Dry Gas Flare 1, EPN WTDYFLR1, resulting in 48.80 lbs of unauthorized VOC emissions.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. The Respondent is assessed a penalty as set forth in Section I, Paragraph No. 4. The payment of this penalty and the Respondent's compliance with all of the requirements set forth in this Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Corpus Christi Liquefaction, LLC, Docket No. 2021-1033-AIR-E" to:

Financial Administration Division, Revenue Operations Section
Attention: Cashier's Office, MC 214
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

2. The Respondent shall implement and complete the SEPs as set forth in Section I, Paragraph No. 4. The amount of \$45,900 of the assessed penalty is conditionally offset based on the Respondent's implementation and completion of the SEPs pursuant to the terms of the SEP Agreements, as defined in Attachment A and Attachment B. Penalty payments for any portion of the SEPs deemed by the Executive Director as not complete shall be paid within 30 days after the date the Executive Director demands payment.
3. The Respondent shall undertake the following technical requirements at the Plant:
 - a. Within 30 days after the effective date of this Order, implement measures and/or procedures designed to comply with the NOx and VOC hourly MAERs for the Marine Flare, EPN MRNFLR.
 - b. Within 45 days after the effective date of this Order, submit written certification, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 3.a. The certification shall be signed by the Respondent and shall include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

The certification shall be submitted to:

Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Section Manager
Corpus Christi Regional Office
Texas Commission on Environmental Quality
500 North Shoreline Boulevard, Suite 500
Corpus Christi, Texas 78401

4. All relief not expressly granted in this Order is denied.
5. The duties and provisions imposed by this Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of this Order to personnel who maintain day-to-day control over the Plant operations referenced in this Order.
6. If the Respondent fails to comply with any of the Ordering Provisions in this Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
7. The Executive Director may grant an extension of any deadline in this Order or in any plan, report, or other document submitted pursuant to this Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director. Extension requests shall be sent to the Enforcement Division at the address listed above.
8. This Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
9. This Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized

by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms: electronic transmission, owner, person, writing, and written, shall have the meanings assigned to them under TEX. BUS. ORG. CODE § 1.002.

10. The effective date of this Order is the date it is signed by the Commission. A copy of this fully executed Order shall be provided to each of the parties.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

Date



For the Executive Director

1/27/2023

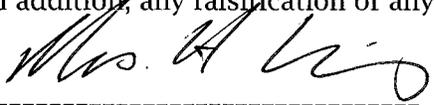
Date

I, the undersigned, have read and understand the attached Order. I am authorized to agree to the attached Order, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

I also understand that failure to comply with the Ordering Provisions, if any, in this Order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- Referral of this case to the OAG for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the OAG of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.



Signature

11/17/2022

Date

MAAS HINZ

VP & GM

Name (Printed or typed)
Authorized Representative of
Corpus Christi Liquefaction, LLC

Title

If mailing address has changed, please check this box and provide the new address below:

Instructions: Send the original, signed Order with penalty payment to the Financial Administration Division, Revenue Operations Section at the address in Ordering Provision 1 of this Order.

Attachment A
Docket Number: 2021-1033-AIR-E
SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Corpus Christi Liquefaction, LLC
Payable Penalty Amount:	\$91,800
SEP Offset Amount:	\$15,989
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Texas A&M University - Corpus Christi
Project Name:	<i>AutoCheck</i>
Location of SEP:	Aransas, Bee, Brooks, Calhoun, DeWitt, Duval, Goliad, Jackson, Jim Wells, Kenedy, Kleberg, Lavaca, Live Oak, McMullen, Nueces, Refugio, San Patricio, and Victoria Counties

The Texas Commission on Environmental Quality (“TCEQ”) agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project (“SEP”). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Texas A&M University – Corpus Christi** for the *Autocheck* project. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the “Project”). Specifically, the SEP Offset Amount will be used for vehicle repairs by approved automotive repair shops for maintenance, repair, and calibration of the AutoCheck equipment by a contractor; for replacement of equipment if necessary; for fuel to transport the equipment to event sites and for generators necessary to operate the equipment during events; the salary of a Program Operator whose position is devoted to the AutoCheck program; and for printer ink and card stock to print emissions test results to provide to participating motorists. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used solely for the direct cost of implementing the Project, including but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director (“ED”), be applied to another pre-approved SEP.

The Respondent’s signature affixed to this Agreed Order certifies that the Respondent has no prior commitment to make this contribution and that it is being contributed solely to settle this enforcement action. The Respondent shall not profit from this SEP.

b. Environmental Benefit

According to local emissions inventories of the Corpus Christi area, approximately 35% of air pollution is caused by vehicles. The vehicle operator may not know that the vehicle is polluting or may not have the resources to have emissions-reducing repairs performed on the vehicle. This Project addresses emissions by informing motorists that their vehicles are polluting, providing them with information regarding the clean air benefits of a well-maintained vehicle, and providing resources to repair polluting vehicles to bring them up to clean emissions standards.

c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Texas A&M University - Corpus Christi SEP** and shall mail the contribution with a copy of the Agreed Order to:

Program Manager
Pollution Prevention Partnership
Texas A&M University - Corpus Christi
6300 Ocean Drive, NRC #2200, Unit 5844
Corpus Christi, Texas 78412

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, the Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality
Enforcement Division
Attention: SEP Coordinator, MC 219
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

Corpus Christi Liquefaction, LLC
Docket No. 2021-1033-AIR-E
Agreed Order - Attachment A

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality"; and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of the Respondent must include a clear statement that **the project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Recognition

The Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Attachment A and in the attached Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

Attachment B
Docket Number: 2021-1033-AIR-E
SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Corpus Christi Liquefaction, LLC
Payable Penalty Amount:	\$91,800
SEP Offset Amount:	\$29,911
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Texas Congress of Parents and Teachers dba Texas PTA
Project Name:	<i>Texas PTA Clean School Bus Replacement Program</i>
Location of SEP:	Texas Air Quality Control Region 214: Corpus Christi-Victoria - Preference for San Patricio County

The Texas Commission on Environmental Quality (“TCEQ”) agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project (“SEP”). The SEP Offset Amount is set forth above and such offset is conditioned upon completion of the project in accordance with the terms of this Attachment B.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Texas Congress of Parents and Teachers dba Texas PTA** for the *Texas PTA Clean School Bus Replacement Program*. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the “Project”). Specifically, the contribution will be used to reduce nitrogen oxides, volatile organic compounds, carbon monoxide, and particulate matter emissions by replacing older diesel buses with newer buses that meet more stringent emission standards. The Third-Party Administrator shall use the SEP Offset Amount for up to 100% of the purchase price of a model year 2010 or newer bus to replace a diesel school bus that is model year 2002 or older. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used solely for the direct cost of the Project, including but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director (“ED”), be applied to another pre-approved SEP.

The Respondent’s signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

b. Environmental Benefit

This SEP will directly benefit air quality by reducing harmful exhaust emissions which contribute to the formation of ozone and may cause or exacerbate many respiratory diseases, including asthma. In addition, by encouraging less school bus idling, this SEP contributes to public awareness of environmental matters.

c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Texas Congress of Parents and Teachers SEP** and shall mail the contribution with a copy of the Agreed Order to:

Texas PTA
408 West 11th Street
Austin, Texas 78701

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, the Respondent shall provide the Enforcement Division SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount due to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality
Enforcement Division
Attention: SEP Coordinator, MC 219
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment B, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality"; and shall mail it to:

Corpus Christi Liquefaction, LLC
Docket No. 2021-1033-AIR-E
Agreed Order - Attachment B

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent, must include a clear statement that **the Project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Recognition

The Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.