BHE GT&S, LLC
10700 Energy Way
Glen Allen, VA 23060

October 29, 2026

BY ELECTRONIC SUBMITTAL

John Artes
Air Quality Compliance Program/Administrator
Air and Radiation Management Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230-1720
john.artes@maryland.gov
mdeair.othercompliance@maryland.gov

RE: Cove Point LNG, LP
Title V Permit 24-009-0021
Quarterly LDAR Report
Third Quarter 2026

Dear Mr. Artes:

Please find attached the Quarterly Leak Detection and Repair (LDAR) Summary Reports for the Cove Point Liquefied Natural Gas (LNG) Terminal's Liquefaction Facility (Facility) in Lusby, Maryland covering the period of July 1, 2026 through September 30, 2026. The reports provide data and information required by the Facility's Title V Permit 24-009-0021.

There were no known deviations of the LDAR Program for third quarter 2026. An estimated total of 0.05% of the components monitored during the reporting period were reported as leaking. Of these components, 43.9% were repaired within 1 day and, on average, a repair not considered for delay of repair was completed within 2.5 days.

A summary of the emissions are as follows:

LDAR Emissions – Cove Point Liquefaction Export Terminal				
Month	Monthly Block Emissions (tons)		12-Month Rolling Emissions (tons)	
	CO_2e	VOC	CO_2e	VOC
July 2026	26.7	0.53	294.5	5.86
August 2026	24.7	0.52	299.7	5.89
September 2026	27.2	0.54	297.1	5.99

If you have any questions, please contact Joseph Pietro at Joseph.Pietro@bhegts.com.

Sincerely,

Jeffrey R. Zehner, P.E.
Environmental Manager

Attachments (3)

Document Certification

Facility Name: Cove Point LNG, LP

Facility Location: 2100 Cove Point Road, Lusby, Maryland 20657

County: Calvert

Type of Submittal: Cove Point LNG, LP Terminal; Quarterly LDAR Report: July 1, 2026 through September 30, 2026; Title V Permit 24-009-0021.

Certification: As required under COMAR 26.11.03, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Also, according to 40 CFR 71, I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name of Responsible Official: Andy Francis

Title: Director, LNG Operations (Authorized Representative/Responsible Official)

Telephone: (410) 286 - 5117

Signature: 

Date: 10/26/2026

Cove Point LNG, LP
2100 Cove Point Road
Lusby, MD 20657

Date: August 17, 2026

To: Joe Pietro, BHE GT&S Senior Environmental Specialist (Air)
Jeff Zehner, BHE GT&S Environmental Manager (Air)
Justin Daniel, Cove Point LNG LDAR Technician
Aidan Lasky, Onterris LDAR Project Coordinator
Jordan Edwards, Onterris LDAR Field Technician

From: Matt Ballantine, Cove Point Environmental Compliance Manager

Subject: Cove Point LNG, LP July 2026 Monthly Leak Detection and Repair Report

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INTRODUCTION

Estimated fugitive emissions for the above referenced reporting period at the Cove Point LNG, LP liquefaction facility in Lusby, MD (the Facility) have been calculated based on Montrose Environmental (Montrose) leak survey data. Montrose has developed software to estimate fugitive emissions using a database of the components and results of the Leak Detection and Repair (LDAR) monitoring. The purpose of this memorandum is to document the basis for the emissions estimates and to present the results thereof.

GENERAL ASSUMPTIONS

The following notes provide the methodologies and assumptions used in estimating emissions from leaks at the Facility.

- As required by the Certificate of Public Convenience and Necessity (CPCN), and discussed in the LDAR Monitoring Plan, the calculation methodologies used to estimate emissions from leaks under all scenarios are based on the EPA's *Protocol for Equipment Leak Emissions Estimates (*EPA's *Protocol)* and TCEQ 28 LAER.

Monthly Summary Tables for Emission Reporting	
Total # of Components	119,458
No. of deviations from the LDAR Monitoring Plan	0
No. of Components surveyed by OGI (estimated) (liquefaction only)	98,830
No. of Components surveyed by M21 (liquefaction only)	7,414
No. of Leaks Identified	27
Percent of Surveyed Components Leaking	0.03
Average No. of Days to Repair	1.8

Monthly Summary Tables for Emission Reporting	
No. of Repairs Completed within 1 Day / Percent of Leaks Repaired within 1 Day	14 / 51.9
No. of Components Placed on Delay of Repair List (based on the leaks detected during the reporting period)	3
No. of Components Removed from Delay of Repair List (based on repairs made during the reporting period only)	2

- The monthly emissions are provided in Attachment A. Information pertaining to how the emissions are calculated is presented below.

- Throughout the course of routine monitoring, new components may occasionally be found that were insulated before the component was identified and added to the LDAR database. These components are mostly flanges and connectors that are not easily identifiable in design documents and in the field. Since they are insulated, they are exempt from monitoring. However, upon discovery, they are documented in the LDAR monitoring component database, and they become incorporated into the emissions calculations on a monthly basis. Similar to how leaking components are handled, all past emissions for the 12-month rolling average are incorporated into the emissions for the month in which the component is discovered. This includes all non-leak emissions and leak emissions using the appropriate leak factors and control efficiencies described above. Details of any newly discovered components are provided below. Also provided below is a table providing the monthly emissions from components that have been added to the database for the past 12 months. It is important to note that following discovery and date of addition to the database, the emissions are included in the facility-wide emission report (Attachment A). However, emissions from prior to the date of addition to the database are not included in the emission report (Attachment A) but are added to the Results Summary section of this report and shown in the New Components for Reporting Period table below.

Components Discovered Under Insulation for Reporting Period

Component ID	Date Added to Database	VOC Emissions to Add for Reporting Period (lbs)	CO2e Emissions to Add for Reporting Period (lbs)
None			

Monthly Emissions for Components Discovered Under Insulation

Month / Year	VOC Emissions (lbs)	CO2e Emissions (lbs)
January 2026	0.0	0.0
February 2026	0.0	0.0
March 2026	0.0	0.0
April 2026	0.0	0.0
May 2026	0.0	0.0
June 2026	0.0	0.0
July 2026	0.0	0.0

- For the components monitored by Method 21 (M21):
  - Correlation equations are used for components that are monitored using M21 (1 ppmv to 40,000 ppmv).
  - Zero-leak emission factors are used for components with a screening value of 0 ppmv (M21) when the minimum detection limit (MDL) of the instrument is less than 1 ppmv or when a repair has been confirmed to be non-leaking.
  - Pegged emission factors are used for components leaking at or above 40,000 ppmv, as detected by the M21 instrument. Emission factors used are for 100,000 ppmv pegged value.
- For the remaining components, emissions were estimated using the Average O&G EFs[1] with applicable control efficiency, including components monitored using OGIC only.
- Average O&G EFs with no control efficiency are applied for unsafe components and any Delay of Repair (DOR) components that are not measured with M21.
- The stream composition information from the heat and material balances (H&MBs) was used to estimate the fraction of total emissions (estimated using EPA's *Protocol*) that are considered VOCs and greenhouse gases (GHGs). VOCs were estimated based on the sum of the mass fraction of hydrocarbon compounds higher than C2, i.e., C3+ (propane, butane, pentane, etc.). GHG emissions were estimated in carbon dioxide equivalents based on the mass fraction of carbon dioxide (CO_2), the mass fraction of methane (CH_4), and the methane 100-year global warming potential (GWP) of 25. Stream composition data is reviewed annually to determine if any updates are necessary. In February 2026, seven of the most prominent LDAR-applicable stream compositions were reviewed. These streams were selected because there are online analyzers, they are widespread, and they are controlling

[1] [EPA-453/R-95-017]. The emission factors from Table 2-4 of the EPA Guidance are also referred to as the Average Oil and Gas Emission Factors.

streams for other vapor and liquid streams. The average stream composition from these streams in 2025 was compiled and compared to the stream composition used in 2025. The data show that there were no significant changes when comparing online analyzers and the stream composition being used for emission calculations. The next review will occur in early-2027.

- For both vapor and light liquid streams on the H&MB, the stream vapor pressure was calculated using the vapor pressure and mole fraction of each chemical present in the stream, as listed in the H&MB, pure chemical at 68°F (20°C). Streams with a vapor pressure less than 0.002 psia (@ 68°F) are exempt from emission calculations.

  Some components may be exempt from being included in the emission totals due to stream composition. For example, several of the amine and glycol streams have vapor pressures less than 0.002 psia (@ 68°F), so, while listed as a component in the component database, they are not included in the emission calculations. Updates to the stream composition database will be reflected in the emission calculations.

- A leak is assumed to commence at the midpoint between the previous monitoring period and the current monitoring period (when identified) and last until it is repaired. Under the alternative work practice (AWP) published in 40 CFR §60.18, monitoring is performed bi-monthly. Leaks must be repaired within 15 days of identification. May 1, 2018 was used as the starting date for the LDAR monitoring program (leak identification).

- The component count as of the end of the reporting period is shown in the Monthly Summary Table for Emission Reporting.

  When an update to the component database results in changes to a past month's component count, the difference in the past month's emissions will be added to the reporting period to which the component was added to the database and an explanation will be provided in that month's report.

  The table below shows the component count changes in 2026.

Month	Number of Components	Notes
January 2026	118,815	Field validation resulted in removing the recently applied exemption status from 190 components.
February 2026	118,740	Field validation resulted in exempting 75 components for reasons such as being small diameter tubing.
March 2026	119,188	Field validation resulted in removing the recently applied exemption status from 448 components.
April 2026	119,444	Field validation resulted in removing the recently applied exemption status from 256 components.
May 2026	119,459	Field validation resulted in removing an exemption status from 15 components.
June 2026	119,459	No changes.
July 2026	119,458	Removal of 1 component due to removal from service.

- The Facility uses an AWP-based LDAR program, i.e., bi-monthly OGIC monitoring and annual Method 21 monitoring.

  Additional information is available in Section 5.0 and Appendix C of the LDAR Monitoring Plan.

- Mandatory, facility-wide reporting data for the Maryland Methane Reduction Program is provided below.

  (i) Date of the survey;

  July 1, 2026 to July 31, 2026 – Began the second of 6 bimonthly OGIC events for the 2026-2027 monitoring year and continued the annual 2026-2027 Method 21 survey for the Liquefaction Facility. The third quarter 2026 Non-Liquefaction Facility OGI survey is scheduled for late-August/early-September 2026.

  Liquefaction Facility Surveys: Bimonthly OGI (1st: May 1 to June 30, 2nd: July 1 to August 31, 3rd: September 1 to October 31, 4th: November 1 to December 31, 5th: January 1 to February 28/29, 6th: March 1 to April 30) and Annual Method 21 (May 1 to April 30)

  Non-Liquefaction Facility Surveys: Quarterly (typically completed in March, June, September, and December)

(ii) A list of each fugitive emission and repair;

See Attachment B.

(iii) Any deviations from the initial methane monitoring plan or a statement that there were no deviations from the initial methane monitoring plan;

There were no deviations from the CPL monitoring plans referenced under COMAR 26.11.41.03C. CPL is not required to submit an Initial Methane Monitoring Plan under COMAR 26.11.41.03A(5).

(iv) Number and type of components for which fugitive emissions were detected;

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	7	17	0	0	0	2	1

(v) Number and type of difficult-to-monitor fugitive emission components monitored;

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	0	0	0

(vi) Instrument reading of each fugitive emissions component that requires repair when EPA Method 21 (40 CFR 60, Appendix A-7) is used for monitoring;

See Attachment B (column "Initial PPM Reading").

(vii) Number and type of fugitive emissions components that were not repaired;

Note 1: Emissions found during the reporting period may be repaired in the next reporting period based on the detection date and required repair duration and may not be captured in this report. A leak reported below may have been repaired by the time the report is submitted and reviewed.

Note 2: The table below does not include those leaks placed on DOR. Leaks placed on DOR are identified in (viii).

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	0	0	0

(viii) Number and type of fugitive emission components placed on delay of repair and explanation for each delay of repair;

See Attachment B (column "DOR Reason") and table below.

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	2	0	0	0	0	1	0

(ix) The date of successful repair of the fugitive emissions component; and

See Attachment B (column "Repair Status" and "Repair Status Date").

(x) Instrumentation used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding;

See Attachment B (column "Repair Confirmation Method").

RESULTS SUMMARY

Fugitive Emissions	
VOC (ton)	**CO2e (tons)**
0.53	26.66

No known deviations occurred during the reporting period.

Attachments

A - Export LDAR Emissions Report
B - Export/Import Leak Detail Report

ATTACHMENT A

Export LDAR Emissions Report

Day	TOC (lbs)	VOC (lbs)	CH4 (lbs)	CO2 (lbs)	Butane (lbs)	Pentane (lbs)	Hexane (lbs)	Heptane (lbs)	Octane (lbs)	Benzene (lbs)	DGA (lbs)	H2S (lbs)	Mercury (lbs)	Propanol (lbs)	Total GHG in CO2 eq. (lbs)
7/1/2026	188.19	36.36	135.94	0.81	1.26	0.61	0.50	0.00	0.00	0.03	0.28	0.00	0.00	0.03	3399.31
7/2/2026	107.20	33.74	63.24	0.56	0.67	0.41	0.35	0.00	0.00	0.01	0.28	0.00	0.00	0.03	1581.56
7/3/2026	107.20	33.74	63.24	0.56	0.67	0.41	0.35	0.00	0.00	0.01	0.28	0.00	0.00	0.03	1581.56
7/4/2026	107.20	33.74	63.24	0.56	0.67	0.41	0.35	0.00	0.00	0.01	0.28	0.00	0.00	0.03	1581.56
7/5/2026	107.20	33.74	63.24	0.56	0.67	0.41	0.35	0.00	0.00	0.01	0.28	0.00	0.00	0.03	1581.56
7/6/2026	107.30	33.83	63.24	0.56	0.67	0.41	0.35	0.00	0.00	0.01	0.28	0.00	0.00	0.12	1581.56
7/7/2026	111.98	33.90	67.51	0.58	0.70	0.41	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.07	1688.33
7/8/2026	108.80	33.80	64.66	0.57	0.68	0.40	0.34	0.00	0.00	0.01	0.28	0.00	0.00	0.07	1617.07
7/9/2026	107.20	33.73	63.24	0.56	0.67	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1581.56
7/10/2026	107.20	33.73	63.24	0.56	0.67	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1581.56
7/11/2026	107.20	33.73	63.24	0.56	0.67	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1581.56
7/12/2026	107.20	33.73	63.24	0.56	0.67	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1581.56
7/13/2026	108.35	33.77	64.28	0.56	0.68	0.40	0.34	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1607.56
7/14/2026	101.81	33.56	58.40	0.56	0.63	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1460.56
7/15/2026	230.55	37.68	174.03	0.95	1.55	0.69	0.55	0.00	0.00	0.04	0.28	0.00	0.00	0.05	4351.70
7/16/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/17/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/18/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/19/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/20/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/21/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/22/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/23/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/24/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/25/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/26/2026	106.10	33.70	62.26	0.57	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.07
7/27/2026	106.92	33.72	62.99	0.58	0.67	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1575.33
7/28/2026	106.13	33.70	62.28	0.58	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1557.58
7/29/2026	106.46	33.71	62.57	0.58	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1564.83
7/30/2026	106.46	33.71	62.57	0.58	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1564.83
7/31/2026	106.42	33.71	62.54	0.58	0.66	0.40	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1564.08
July Subtotal	**3514.07**	**1052.03**	**2131.79**	**18.24**	**22.10**	**12.95**	**10.75**	**0.00**	**0.00**	**0.37**	**8.68**	**0.00**	**0.00**	**1.56**	**53312.99**

ATTACHMENT B

Export/Import Leak Detail Report

Emission ID #	Detection Date	Component	Detection Method / Quantification Method	Initial PPM Reading	Repair Status	Repair Status Date	DOR Start Date	DOR End Date	DOR Reason	Final PPM Reading	Repair Confimation Method
34110913	07/01/2026	Connector	Optical Gas Imaging/ Method 21	40,000	Repaired	07/02/2026	-	-	-	-	Method 21 - Bubble Test
34610416	07/01/2026	Connector	Method 21/ Method 21	3,006	Repaired	07/02/2026	-	-	-	-	Method 21 - Bubble Test
34110914	07/01/2026	Connector	Optical Gas Imaging/ Method 21	40,000	Repaired	07/02/2026	-	-	-	-	Method 21 - Bubble Test
34610417	07/06/2026	Connector	Method 21/ Method 21	1,991	Repaired	07/09/2026	-	-	-	-	Method 21 - Bubble Test
34610418	07/06/2026	Connector	Method 21/ Method 21	1,328	Repaired	07/09/2026	-	-	-	-	Method 21 - Bubble Test
34110915	07/07/2026	Connector	Optical Gas Imaging/ Method 21	40,000	Repaired	07/09/2026	-	-	-	-	Method 21 - Bubble Test
34610419	07/13/2026	Connector	Method 21/ Method 21	1,496	Repaired	07/13/2026	-	-	-	-	Method 21 - Bubble Test
34610420	07/13/2026	Valve	Method 21/ Method 21	2,788	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34610421	07/13/2026	Valve	Method 21/ Method 21	8,490	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34610422	07/13/2026	Connector	Method 21/ Method 21	9,247	Repaired	07/13/2026	-	-	-	-	Method 21 - Bubble Test
34610423	07/13/2026	Valve	Method 21/ Method 21	1,371	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34610424	07/13/2026	Connector	Method 21/ Method 21	7,095	Repaired	07/13/2026	-	-	-	-	Method 21 - Bubble Test
34610425	07/13/2026	Connector	Method 21/ Method 21	2,267	Repaired	07/13/2026	-	-	-	-	Method 21 - Bubble Test
34610426	07/14/2026	Connector	Method 21/ Method 21	12,900	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34610427	07/14/2026	Connector	Method 21/ Method 21	40,000	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34610428	07/14/2026	Connector	Method 21/ Method 21	6,355	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34110916	07/15/2026	Connector	Optical Gas Imaging/ Method 21	40,000	Repaired	07/15/2026	-	-	-	-	Method 21 - Bubble Test
34110917	07/16/2026	Connector	Audio Visual Olfactory/ Other	-	Repaired	07/17/2026	-	-	-	-	Method 21 - Bubble Test
34610429	07/27/2026	Valve	Method 21/ Method 21	2,832	Repaired	08/06/2026	-	-	-	-	Method 21 - Bubble Test
34610430	07/27/2026	Connector	Method 21/ Method 21	3,641	Repaired	07/28/2026	-	-	-	-	Method 21 - Bubble Test
34610431	07/29/2026	Connector	Method 21/ Method 21	2,618	Repaired	07/29/2026	-	-	-	-	Method 21 - Bubble Test
34610432	07/29/2026	Valve	Method 21/ Method 21	2,861	Repaired	07/31/2026	-	-	-	-	Method 21 - Bubble Test
34610433	07/29/2026	Valve	Method 21/ Method 21	7,464	Delay of Repair	08/13/2026	08/13/2026	10/31/2026	Shutdown Required	-	-
34610434	07/29/2026	Valve	Method 21/ Method 21	20,000	Delay of Repair	08/13/2026	08/13/2026	10/31/2026	Isolated	-	-
34610435	07/29/2026	Other	Audio Visual Olfactory/ Other	-	Repaired	07/31/2026	-	-	-	-	Method 21 - Bubble Test
34610436	07/30/2026	Pressure Relief Device	Audio Visual Olfactory/ Other	-	Repaired	08/07/2026	-	-	-	-	-
34610437	07/31/2026	Pressure Relief Device	Audio Visual Olfactory/ Other	-	Delay of Repair	07/31/2026	07/31/2026	09/30/2026	Isolated	-	-

Cove Point LNG, LP
2100 Cove Point Road
Lusby, MD 20657

Date: September 15, 2026

To: Joe Pietro, BHE GT&S Senior Environmental Specialist (Air)
Jeff Zehner, BHE GT&S Environmental Manager (Air)
Justin Daniel, Cove Point LNG LDAR Technician
Aidan Lasky, Onterris LDAR Project Coordinator
Jordan Edwards, Onterris LDAR Field Technician

From: Matt Ballantine, Cove Point Environmental Compliance Manager

Subject: Cove Point LNG, LP August 2026 Monthly Leak Detection and Repair Report

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INTRODUCTION

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GENERAL ASSUMPTIONS

The following notes provide the methodologies and assumptions used in estimating emissions from leaks at the Facility.

- As required by the Certificate of Public Convenience and Necessity (CPCN), and discussed in the LDAR Monitoring Plan, the calculation methodologies used to estimate emissions from leaks under all scenarios are based on the EPA's *Protocol for Equipment Leak Emissions Estimates (*EPA's *Protocol)* and TCEQ 28 LAER.

Monthly Summary Tables for Emission Reporting	
Total # of Components	119,458
No. of deviations from the LDAR Monitoring Plan	0
No. of Components surveyed by OGI (estimated) (liquefaction only)	38,510
No. of Components surveyed by M21 (liquefaction only)	8,150
No. of Leaks Identified	21
Percent of Surveyed Components Leaking	0.05
Average No. of Days to Repair	2.6

Monthly Summary Tables for Emission Reporting	
No. of Repairs Completed within 1 Day / Percent of Leaks Repaired within 1 Day	4 / 19.0
No. of Components Placed on Delay of Repair List (based on the leaks detected during the reporting period)	1
No. of Components Removed from Delay of Repair List (based on repairs made during the reporting period only)	0

- The monthly emissions are provided in Attachment A. Information pertaining to how the emissions are calculated is presented below.

- Throughout the course of routine monitoring, new components may occasionally be found that were insulated before the component was identified and added to the LDAR database. These components are mostly flanges and connectors that are not easily identifiable in design documents and in the field. Since they are insulated, they are exempt from monitoring. However, upon discovery, they are documented in the LDAR monitoring component database, and they become incorporated into the emissions calculations on a monthly basis. Similar to how leaking components are handled, all past emissions for the 12-month rolling average are incorporated into the emissions for the month in which the component is discovered. This includes all non-leak emissions and leak emissions using the appropriate leak factors and control efficiencies described above. Details of any newly discovered components are provided below. Also provided below is a table providing the monthly emissions from components that have been added to the database for the past 12 months. It is important to note that following discovery and date of addition to the database, the emissions are included in the facility-wide emission report (Attachment A). However, emissions from prior to the date of addition to the database are not included in the emission report (Attachment A) but are added to the Results Summary section of this report and shown in the New Components for Reporting Period table below.

Components Discovered Under Insulation for Reporting Period

Component ID	Date Added to Database	VOC Emissions to Add for Reporting Period (lbs)	CO2e Emissions to Add for Reporting Period (lbs)
None			

Monthly Emissions for Components Discovered Under Insulation

Month / Year	VOC Emissions (lbs)	CO2e Emissions (lbs)
January 2026	0.0	0.0
February 2026	0.0	0.0
March 2026	0.0	0.0
April 2026	0.0	0.0
May 2026	0.0	0.0
June 2026	0.0	0.0
July 2026	0.0	0.0
August 2026	0.0	0.0

- For the components monitored by Method 21 (M21):
  - Correlation equations are used for components that are monitored using M21 (1 ppmv to 40,000 ppmv).
  - Zero-leak emission factors are used for components with a screening value of 0 ppmv (M21) when the minimum detection limit (MDL) of the instrument is less than 1 ppmv or when a repair has been confirmed to be non-leaking.
  - Pegged emission factors are used for components leaking at or above 40,000 ppmv, as detected by the M21 instrument. Emission factors used are for 100,000 ppmv pegged value.
- For the remaining components, emissions were estimated using the Average O&G EFs[1] with applicable control efficiency, including components monitored using OGIC only.
- Average O&G EFs with no control efficiency are applied for unsafe components and any Delay of Repair (DOR) components that are not measured with M21.
- The stream composition information from the heat and material balances (H&MBs) was used to estimate the fraction of total emissions (estimated using EPA's *Protocol*) that are considered VOCs and greenhouse gases (GHGs). VOCs were estimated based on the sum of the mass fraction of hydrocarbon compounds higher than C2, i.e., C3+ (propane, butane, pentane, etc.). GHG emissions were estimated in carbon dioxide equivalents based on the mass fraction of carbon dioxide (CO_2), the mass fraction of methane (CH_4), and the methane 100-year global warming potential (GWP) of 25. Stream composition data is reviewed annually to determine if any updates are necessary. In February 2026, seven of the most prominent LDAR-applicable stream compositions were reviewed. These streams were selected because there are online analyzers, they are widespread, and they are controlling

[1] [EPA-453/R-95-017]. The emission factors from Table 2-4 of the EPA Guidance are also referred to as the Average Oil and Gas Emission Factors.

streams for other vapor and liquid streams. The average stream composition from these streams in 2025 was compiled and compared to the stream composition used in 2025. The data show that there were no significant changes when comparing online analyzers and the stream composition being used for emission calculations. The next review will occur in early-2027.

- For both vapor and light liquid streams on the H&MB, the stream vapor pressure was calculated using the vapor pressure and mole fraction of each chemical present in the stream, as listed in the H&MB, pure chemical at 68°F (20°C). Streams with a vapor pressure less than 0.002 psia (@ 68°F) are exempt from emission calculations.

  Some components may be exempt from being included in the emission totals due to stream composition. For example, several of the amine and glycol streams have vapor pressures less than 0.002 psia (@ 68°F), so, while listed as a component in the component database, they are not included in the emission calculations. Updates to the stream composition database will be reflected in the emission calculations.

- A leak is assumed to commence at the midpoint between the previous monitoring period and the current monitoring period (when identified) and last until it is repaired. Under the alternative work practice (AWP) published in 40 CFR §60.18, monitoring is performed bi-monthly. Leaks must be repaired within 15 days of identification. May 1, 2018 was used as the starting date for the LDAR monitoring program (leak identification).

- The component count as of the end of the reporting period is shown in the Monthly Summary Table for Emission Reporting.

  When an update to the component database results in changes to a past month's component count, the difference in the past month's emissions will be added to the reporting period to which the component was added to the database and an explanation will be provided in that month's report.

  The table below shows the component count changes in 2026.

Month	Number of Components	Notes
January 2026	118,815	Field validation resulted in removing the recently applied exemption status from 190 components.
February 2026	118,740	Field validation resulted in exempting 75 components for reasons such as being small diameter tubing.
March 2026	119,188	Field validation resulted in removing the recently applied exemption status from 448 components.
April 2026	119,444	Field validation resulted in removing the recently applied exemption status from 256 components.
May 2026	119,459	Field validation resulted in removing an exemption status from 15 components.
June 2026	119,459	No changes.
July 2026	119,458	Removal of 1 component due to removal from service.
August 2026	119,458	No changes.

- The Facility uses an AWP-based LDAR program, i.e., bi-monthly OGIC monitoring and annual Method 21 monitoring.

  Additional information is available in Section 5.0 and Appendix C of the LDAR Monitoring Plan.

- Mandatory, facility-wide reporting data for the Maryland Methane Reduction Program is provided below.

  (i) Date of the survey;

  August 1–31, 2026 — Completed the second of six bimonthly OGIC monitoring events for the 2026–2027 monitoring year and continued the annual Method 21 survey at the Liquefaction Facility. The third-quarter 2026 OGI survey of the Non-Liquefaction Facility also began and is scheduled for completion in September 2026.

  Liquefaction Facility Surveys: Bimonthly OGI (1st: May 1 to June 30, 2nd: July 1 to August 31, 3rd: September 1 to October 31, 4th: November 1 to December 31, 5th: January 1 to February 28/29, 6th: March 1 to April 30) and Annual Method 21 (May 1 to April 30)

Non-Liquefaction Facility Surveys: Quarterly (typically completed in March, June, September, and December)

(ii) A list of each fugitive emission and repair;

See Attachment B.

(iii) Any deviations from the initial methane monitoring plan or a statement that there were no deviations from the initial methane monitoring plan;

There were no deviations from the CPL monitoring plans referenced under COMAR 26.11.41.03C. CPL is not required to submit an Initial Methane Monitoring Plan under COMAR 26.11.41.03A(5).

(iv) Number and type of components for which fugitive emissions were detected;

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	6	9	0	0	5	1	0

(v) Number and type of difficult-to-monitor fugitive emission components monitored;

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	0	0	0

(vi) Instrument reading of each fugitive emissions component that requires repair when EPA Method 21 (40 CFR 60, Appendix A-7) is used for monitoring;

See Attachment B (column "Initial PPM Reading").

(vii) Number and type of fugitive emissions components that were not repaired;

Note 1: Emissions found during the reporting period may be repaired in the next reporting period based on the detection date and required repair duration and may not be captured in this report. A leak reported below may have been repaired by the time the report is submitted and reviewed.

Note 2: The table below does not include those leaks placed on DOR. Leaks placed on DOR are identified in (viii).

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	0	0	0

(viii) Number and type of fugitive emission components placed on delay of repair and explanation for each delay of repair;

See Attachment B (column "DOR Reason") and table below.

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	1	0	0

(ix) The date of successful repair of the fugitive emissions component; and

See Attachment B (column "Repair Status" and "Repair Status Date").

(x) Instrumentation used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding;

See Attachment B (column "Repair Confirmation Method").

RESULTS SUMMARY

Fugitive Emissions	
VOC (ton)	**CO2e (tons)**
0.52	24.66

No known deviations occurred during the reporting period.

Attachments

A - Export LDAR Emissions Report
B - Export/Import Leak Detail Report

ATTACHMENT A

Export LDAR Emissions Report

Day	TOC (lbs)	VOC (lbs)	CH4 (lbs)	CO2 (lbs)	Butane (lbs)	Pentane (lbs)	Hexane (lbs)	Heptane (lbs)	Octane (lbs)	Benzene (lbs)	DGA (lbs)	H2S (lbs)	Mercury (lbs)	Propanol (lbs)	Total GHG in CO2 eq. (lbs)
8/1/2026	104.70	33.65	60.99	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1525.33
8/2/2026	104.70	33.65	60.99	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1525.33
8/3/2026	105.50	34.45	60.99	0.58	0.77	0.68	0.71	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1525.33
8/4/2026	104.77	33.72	60.99	0.58	0.66	0.42	0.36	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1525.33
8/5/2026	104.70	33.65	60.99	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1525.33
8/6/2026	104.66	33.65	60.96	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1524.58
8/7/2026	104.66	33.65	60.96	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1524.58
8/8/2026	104.66	33.65	60.96	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1524.58
8/9/2026	104.66	33.65	60.96	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1524.58
8/10/2026	104.66	33.65	60.96	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1524.58
8/11/2026	105.33	33.67	61.56	0.58	0.66	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1539.58
8/12/2026	225.50	33.65	181.77	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	4544.83
8/13/2026	116.58	33.65	72.87	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1822.33
8/14/2026	104.73	33.65	61.03	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.33
8/15/2026	104.73	33.65	61.03	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.33
8/16/2026	104.73	33.65	61.03	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.33
8/17/2026	104.75	33.65	61.04	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.58
8/18/2026	105.15	33.67	61.31	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1533.33
8/19/2026	105.08	33.67	61.29	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1532.83
8/20/2026	104.91	33.66	61.16	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1529.58
8/21/2026	104.76	33.66	61.02	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.08
8/22/2026	104.76	33.66	61.02	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.08
8/23/2026	104.76	33.66	61.02	0.58	0.65	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1526.08
8/24/2026	97.97	33.47	54.90	0.58	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1373.08
8/25/2026	97.52	33.45	54.50	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1363.07
8/26/2026	97.24	33.43	54.29	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.82
8/27/2026	97.24	33.43	54.29	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.82
8/28/2026	97.24	33.43	54.29	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.82
8/29/2026	97.24	33.43	54.29	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.82
8/30/2026	97.24	33.43	54.29	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.82
8/31/2026	97.24	33.43	54.29	0.57	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.82
August Subtotal	**3322.37**	**1042.42**	**1972.04**	**17.91**	**19.89**	**12.41**	**10.64**	**0.00**	**0.00**	**0.31**	**8.68**	**0.00**	**0.00**	**1.55**	**49318.91**

ATTACHMENT B

Export/Import Leak Detail Report

Emission ID #	Detection Date	Component	Detection Method / Quantification Method	Initial PPM Reading	Repair Status	Repair Status Date	DOR Start Date	DOR End Date	DOR Reason	Final PPM Reading	Repair Confimation Method
34610438	08/03/2026	Connector	Audio Visual Olfactory/ Method 21	10,500	Repaired	08/05/2026	-	-	-	-	Method 21 - Soap Bubble
34610439	08/07/2026	Pressure Relief Device	Audio Visual Olfactory/ Other	-	Repaired	08/22/2026	-	-	-	-	Method 21 - Soap Bubble
34610440	08/11/2026	Connector	Method 21/ Method 21	828	Repaired	08/13/2026	-	-	-	-	Method 21 - Soap Bubble
35610001	08/11/2026	Connector	Method 21/ Method 21	1,936	Repaired	08/13/2026	-	-	-	-	Method 21 - Soap Bubble
35610002	08/12/2026	Valve	Method 21/ Method 21	40,000	Repaired	08/14/2026	-	-	-	-	Method 21 - Soap Bubble
34610442	08/12/2026	Flange	Optical Gas Imaging/ Method 21	40,000	Repaired	08/14/2026	-	-	-	-	Method 21 - Soap Bubble
35610003	08/12/2026	Flange	Method 21/ Method 21	3,295	Delay of Repair	08/19/2026	08/19/2026	10/31/2026	Shutdown Required	-	-
35610004	08/17/2026	Connector	Method 21/ Method 21	748	Repaired	08/18/2026	-	-	-	-	Method 21 - Soap Bubble
35610005	08/18/2026	Connector	Method 21/ Method 21	3,305	Repaired	08/20/2026	-	-	-	-	Method 21 - Soap Bubble
35610006	08/18/2026	Connector	Method 21/ Method 21	9,040	Repaired	08/20/2026	-	-	-	-	Method 21 - Soap Bubble
35610007	08/19/2026	Valve	Method 21/ Method 21	672	Repaired	08/21/2026	-	-	-	-	Method 21 - Soap Bubble
35610008	08/19/2026	Flange	Method 21/ Method 21	1,323	Repaired	08/24/2026	-	-	-	-	Method 21 - Soap Bubble
35610009	08/19/2026	Valve	Method 21/ Method 21	1,258	Repaired	08/21/2026	-	-	-	-	Method 21 - Soap Bubble
35610010	08/19/2026	Connector	Method 21/ Method 21	9,104	Repaired	08/20/2026	-	-	-	-	Method 21 - Soap Bubble
35610011	08/19/2026	Connector	Method 21/ Method 21	1,409	Repaired	08/21/2026	-	-	-	-	Method 21 - Soap Bubble
35610012	08/19/2026	Flange	Method 21/ Method 21	5,409	Repaired	08/21/2026	-	-	-	-	Method 21 - Soap Bubble
35610013	08/24/2026	Flange	Method 21/ Method 21	9,023	Repaired	08/26/2026	-	-	-	-	Method 21 - Soap Bubble
35610014	08/24/2026	Connector	Method 21/ Method 21	6,390	Repaired	08/26/2026	-	-	-	-	Method 21 - Soap Bubble
35610015	08/24/2026	Valve	Method 21/ Method 21	1,509	Repaired	08/26/2026	-	-	-	-	Method 21 - Soap Bubble
35610016	08/25/2026	Valve	Method 21/ Method 21	2,209	Repaired	08/26/2026	-	-	-	-	Method 21 - Soap Bubble
35610017	08/25/2026	Valve	Method 21/ Method 21	863	Repaired	08/26/2026	-	-	-	-	Method 21 - Soap Bubble

Cove Point LNG, LP
2100 Cove Point Road
Lusby, MD 20657

Date: October 20, 2026

To: Joe Pietro, BHE GT&S Senior Environmental Specialist (Air)
Jeff Zehner, BHE GT&S Environmental Manager (Air)
Justin Daniel, Cove Point LNG LDAR Technician
Aidan Lasky, Onterris LDAR Project Coordinator
Jordan Edwards, Onterris LDAR Field Technician

From: Matt Ballantine, Cove Point Environmental Compliance Manager

Subject: Cove Point LNG, LP September 2026 Monthly Leak Detection and Repair Report

INTRODUCTION

Estimated fugitive emissions for the above referenced reporting period at the Cove Point LNG, LP liquefaction facility in Lusby, MD (the Facility) have been calculated based on Montrose Environmental (Montrose) leak survey data. Montrose has developed software to estimate fugitive emissions using a database of the components and results of the Leak Detection and Repair (LDAR) monitoring. The purpose of this memorandum is to document the basis for the emissions estimates and to present the results thereof.

GENERAL ASSUMPTIONS

The following notes provide the methodologies and assumptions used in estimating emissions from leaks at the Facility.

- As required by the Certificate of Public Convenience and Necessity (CPCN), and discussed in the LDAR Monitoring Plan, the calculation methodologies used to estimate emissions from leaks under all scenarios are based on the EPA's *Protocol for Equipment Leak Emissions Estimates (*EPA's *Protocol)* and TCEQ 28 LAER.

Monthly Summary Tables for Emission Reporting	
Total # of Components	119,439
No. of deviations from the LDAR Monitoring Plan	0
No. of Components surveyed by OGI (estimated) (liquefaction only)	11,109
No. of Components surveyed by M21 (liquefaction only)	4,727
No. of Leaks Identified	34
Percent of Surveyed Components Leaking	0.21
Average No. of Days to Repair	2.9

Monthly Summary Tables for Emission Reporting	
No. of Repairs Completed within 1 Day / Percent of Leaks Repaired within 1 Day	18 / 52.9
No. of Components Placed on Delay of Repair List (based on the leaks detected during the reporting period)	5
No. of Components Removed from Delay of Repair List (based on repairs made during the reporting period only)	69

- The monthly emissions are provided in Attachment A. Information pertaining to how the emissions are calculated is presented below.

- Throughout the course of routine monitoring, new components may occasionally be found that were insulated before the component was identified and added to the LDAR database. These components are mostly flanges and connectors that are not easily identifiable in design documents and in the field. Since they are insulated, they are exempt from monitoring. However, upon discovery, they are documented in the LDAR monitoring component database, and they become incorporated into the emissions calculations on a monthly basis. Similar to how leaking components are handled, all past emissions for the 12-month rolling average are incorporated into the emissions for the month in which the component is discovered. This includes all non-leak emissions and leak emissions using the appropriate leak factors and control efficiencies described above. Details of any newly discovered components are provided below. Also provided below is a table providing the monthly emissions from components that have been added to the database for the past 12 months. It is important to note that following discovery and date of addition to the database, the emissions are included in the facility-wide emission report (Attachment A). However, emissions from prior to the date of addition to the database are not included in the emission report (Attachment A) but are added to the Results Summary section of this report and shown in the New Components for Reporting Period table below.

Components Discovered Under Insulation for Reporting Period

Component ID	Date Added to Database	VOC Emissions to Add for Reporting Period (lbs)	CO2e Emissions to Add for Reporting Period (lbs)
None			

Monthly Emissions for Components Discovered Under Insulation

Month / Year	VOC Emissions (lbs)	CO2e Emissions (lbs)
January 2026	0.0	0.0
February 2026	0.0	0.0
March 2026	0.0	0.0
April 2026	0.0	0.0
May 2026	0.0	0.0
June 2026	0.0	0.0
July 2026	0.0	0.0
August 2026	0.0	0.0
September 2026	0.0	0.0

- For the components monitored by Method 21 (M21):
  - Correlation equations are used for components that are monitored using M21 (1 ppmv to 40,000 ppmv).
  - Zero-leak emission factors are used for components with a screening value of 0 ppmv (M21) when the minimum detection limit (MDL) of the instrument is less than 1 ppmv or when a repair has been confirmed to be non-leaking.
  - Pegged emission factors are used for components leaking at or above 40,000 ppmv, as detected by the M21 instrument. Emission factors used are for 100,000 ppmv pegged value.
- For the remaining components, emissions were estimated using the Average O&G EFs[1] with applicable control efficiency, including components monitored using OGIC only.
- Average O&G EFs with no control efficiency are applied for unsafe components and any Delay of Repair (DOR) components that are not measured with M21.
- The stream composition information from the heat and material balances (H&MBs) was used to estimate the fraction of total emissions (estimated using EPA's *Protocol*) that are considered VOCs and greenhouse gases (GHGs). VOCs were estimated based on the sum of the mass fraction of hydrocarbon compounds higher than C2, i.e., C3+ (propane, butane, pentane, etc.). GHG emissions were estimated in carbon dioxide equivalents based on the mass fraction of carbon dioxide (CO_2), the mass fraction of methane (CH_4), and the methane 100-year global warming potential (GWP) of 25. Stream composition data is reviewed annually to determine if any updates are necessary. In February 2026, seven of the most

[1] [EPA-453/R-95-017]. The emission factors from Table 2-4 of the EPA Guidance are also referred to as the Average Oil and Gas Emission Factors.

prominent LDAR-applicable stream compositions were reviewed. These streams were selected because there are online analyzers, they are widespread, and they are controlling streams for other vapor and liquid streams. The average stream composition from these streams in 2025 was compiled and compared to the stream composition used in 2025. The data show that there were no significant changes when comparing online analyzers and the stream composition being used for emission calculations. The next review will occur in early-2027.

- For both vapor and light liquid streams on the H&MB, the stream vapor pressure was calculated using the vapor pressure and mole fraction of each chemical present in the stream, as listed in the H&MB, pure chemical at 68°F (20°C). Streams with a vapor pressure less than 0.002 psia (@ 68°F) are exempt from emission calculations.

  Some components may be exempt from being included in the emission totals due to stream composition. For example, several of the amine and glycol streams have vapor pressures less than 0.002 psia (@ 68°F), so, while listed as a component in the component database, they are not included in the emission calculations. Updates to the stream composition database will be reflected in the emission calculations.

- A leak is assumed to commence at the midpoint between the previous monitoring period and the current monitoring period (when identified) and last until it is repaired. Under the alternative work practice (AWP) published in 40 CFR §60.18, monitoring is performed bi-monthly. Leaks must be repaired within 15 days of identification. May 1, 2018 was used as the starting date for the LDAR monitoring program (leak identification).

- The component count as of the end of the reporting period is shown in the Monthly Summary Table for Emission Reporting.

  When an update to the component database results in changes to a past month's component count, the difference in the past month's emissions will be added to the reporting period to which the component was added to the database and an explanation will be provided in that month's report.

  The table below shows the component count changes in 2026.

Month	Number of Components	Notes
January 2026	118,815	Field validation resulted in removing the recently applied exemption status from 190 components.
February 2026	118,740	Field validation resulted in exempting 75 components for reasons such as being small diameter tubing.
March 2026	119,188	Field validation resulted in removing the recently applied exemption status from 448 components.
April 2026	119,444	Field validation resulted in removing the recently applied exemption status from 256 components.
May 2026	119,459	Field validation resulted in removing an exemption status from 15 components.
June 2026	119,459	No changes.
July 2026	119,458	Removal of 1 component due to removal from service.
August 2026	119,458	No changes.
September 2026	119,439	Removal of 19 component due to updating exemption status.

- The Facility uses an AWP-based LDAR program, i.e., bi-monthly OGIC monitoring and annual Method 21 monitoring.

  Additional information is available in Section 5.0 and Appendix C of the LDAR Monitoring Plan.

- Mandatory, facility-wide reporting data for the Maryland Methane Reduction Program is provided below.

  (i) Date of the survey;

  September 1 to 30, 2026 — Began the third of six bimonthly OGIC monitoring events for the 2026–2027 monitoring year and continued the annual Method 21 survey at the Liquefaction Facility. Completed the third-quarter 2026 OGI survey of the Non-Liquefaction Facility.

  Liquefaction Facility Surveys: Bimonthly OGI (1st: May 1 to June 30, 2nd: July 1 to August 31, 3rd: September 1 to October 31, 4th: November 1 to December 31, 5th: January 1 to February 28/29, 6th: March 1 to April 30) and Annual Method 21 (May 1 to April 30)

Non-Liquefaction Facility Surveys: Quarterly (typically completed in March, June, September, and December)

(ii) A list of each fugitive emission and repair;

See Attachment B.

(iii) Any deviations from the initial methane monitoring plan or a statement that there were no deviations from the initial methane monitoring plan;

There were no deviations from the CPL monitoring plans referenced under COMAR 26.11.41.03C. CPL is not required to submit an Initial Methane Monitoring Plan under COMAR 26.11.41.03A(5).

(iv) Number and type of components for which fugitive emissions were detected;

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	13	15	0	0	1	4	1

(v) Number and type of difficult-to-monitor fugitive emission components monitored;

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	0	0	0

(vi) Instrument reading of each fugitive emissions component that requires repair when EPA Method 21 (40 CFR 60, Appendix A-7) is used for monitoring;

See Attachment B (column "Initial PPM Reading").

(vii) Number and type of fugitive emissions components that were not repaired;

Note 1: Emissions found during the reporting period may be repaired in the next reporting period based on the detection date and required repair duration and may not be captured in this report. A leak reported below may have been repaired by the time the report is submitted and reviewed.

Note 2: The table below does not include those leaks placed on DOR. Leaks placed on DOR are identified in (viii).

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	0	0	0	0	0	0	0

(viii) Number and type of fugitive emission components placed on delay of repair and explanation for each delay of repair;

See Attachment B (column "DOR Reason") and table below.

Component Type	Valve	Connector	Pump	Compressor	Flange	PSVs	Other
# of Components	2	1	0	0	0	2	0

(ix) The date of successful repair of the fugitive emissions component; and

See Attachment B (column "Repair Status" and "Repair Status Date").

(x) Instrumentation used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding;

See Attachment B (column "Repair Confirmation Method").

RESULTS SUMMARY

Fugitive Emissions	
VOC (ton)	**CO2e (tons)**
0.54	27.23

No known deviations occurred during the reporting period.

Attachments

A - Export LDAR Emissions Report
B - Export/Import Leak Detail Report

ATTACHMENT A

Export LDAR Emissions Report

Day	TOC (lbs)	VOC (lbs)	CH4 (lbs)	CO2 (lbs)	Butane (lbs)	Pentane (lbs)	Hexane (lbs)	Heptane (lbs)	Octane (lbs)	Benzene (lbs)	DGA (lbs)	H2S (lbs)	Mercury (lbs)	Propanol (lbs)	Total GHG in CO2 eq. (lbs)
9/1/2026	97.23	33.44	54.27	0.58	0.60	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1357.33
9/2/2026	95.65	33.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/3/2026	95.65	33.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/4/2026	95.65	33.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/5/2026	95.65	33.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/6/2026	95.65	33.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/7/2026	95.65	33.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/8/2026	145.65	83.41	52.82	0.57	0.59	0.39	0.33	0.00	0.00	0.01	0.28	0.00	0.00	0.05	1321.07
9/9/2026	526.87	48.74	438.70	0.59	3.67	1.40	1.08	0.00	0.00	0.09	0.28	0.00	0.00	0.05	10968.09
9/10/2026	146.71	35.02	98.71	0.69	0.95	0.50	0.42	0.00	0.00	0.02	0.28	0.00	0.00	0.05	2468.44
9/11/2026	110.47	33.87	66.15	0.59	0.70	0.42	0.36	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1654.34
9/12/2026	110.47	33.87	66.15	0.59	0.70	0.42	0.36	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1654.34
9/13/2026	110.47	33.87	66.15	0.59	0.70	0.42	0.36	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1654.34
9/14/2026	110.47	33.87	66.15	0.59	0.70	0.42	0.36	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1654.34
9/15/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/16/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/17/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/18/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/19/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/20/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/21/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/22/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/23/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/24/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/25/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/26/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/27/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/28/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/29/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
9/30/2026	103.06	33.63	59.50	0.59	0.64	0.40	0.34	0.00	0.00	0.02	0.28	0.00	0.00	0.05	1488.09
September Subtotal	**3581.20**	**1074.63**	**2178.02**	**17.65**	**22.39**	**13.10**	**11.02**	**0.00**	**0.00**	**0.59**	**8.40**	**0.00**	**0.00**	**1.50**	**54468.15**

ATTACHMENT B

Export/Import Leak Detail Report

Emission ID #	Detection Date	Component	Detection Method / Quantification Method	Initial PPM Reading	Repair Status	Repair Status Date	DOR Start Date	DOR End Date	DOR Reason	Final PPM Reading	Repair Confimation Method
34610443	09/01/2026	Connector	Optical Gas Imaging/ Other	-	Delay of Repair	09/14/2026	09/14/2026	10/31/2026	Waiting for Parts	-	-
34610444	09/01/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610445	09/01/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610446	09/01/2026	Valve	Optical Gas Imaging/ Other	-	Repaired	09/02/2026	-	-	-	-	Method 21 Soap Bubble
34610447	09/01/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/02/2026	-	-	-	-	Method 21 Soap Bubble
34610448	09/01/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/11/2026	-	-	-	-	Method 21 Soap Bubble
34610449	09/02/2026	Pressure Relief Device	Optical Gas Imaging/ Other	-	Delay of Repair	09/14/2026	09/14/2026	10/31/2026	Waiting for Parts	-	-
34610450	09/02/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610451	09/02/2026	Valve	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610452	09/02/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
35610018	09/02/2026	Pressure Relief Device	Audio Visual Olfactory/ Other	-	Repaired	09/14/2026	-	-	-	-	Method 21 Soap Bubble
34610453	09/02/2026	Valve	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610454	09/02/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610455	09/02/2026	Valve	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610456	09/02/2026	Valve	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610457	09/02/2026	Valve	Optical Gas Imaging/ Other	-	Delay of Repair	09/14/2026	09/14/2026	01/31/2027	Shutdown Required	-	-
34610458	09/03/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/04/2026	-	-	-	-	Method 21 Soap Bubble
34610459	09/03/2026	Flange	Optical Gas Imaging/ Other	-	Repaired	09/10/2026	-	-	-	-	Method 21 Soap Bubble
34610460	09/03/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/03/2026	-	-	-	-	Method 21 Soap Bubble
34610462	09/03/2026	Connector	Audio Visual Olfactory/ Other	-	Repaired	09/11/2026	-	-	-	-	Method 21 Soap Bubble
34610461	09/03/2026	Connector	Optical Gas Imaging/ Other	-	Repaired	09/04/2026	-	-	-	-	Method 21 Soap Bubble
34610463	09/04/2026	Pressure Relief Device	Audio Visual Olfactory/ Other	-	Delay of Repair	09/16/2026	09/16/2026	11/30/2026	Isolated	-	-
34610464	09/08/2026	Connector	Optical Gas Imaging/ Other	40,000	Repaired	09/10/2026	-	-	-	-	Method 21 Soap Bubble
34610465	09/09/2026	Valve	Optical Gas Imaging/ Other	40,000	Repaired	09/10/2026	-	-	-	-	Method 21 Soap Bubble
34610466	09/09/2026	Valve	Optical Gas Imaging/ Other	40,000	Repaired	09/15/2026	-	-	-	-	Method 21 Soap Bubble
34610467	09/10/2026	Connector	Optical Gas Imaging/ Method 21	40,000	Repaired	09/10/2026	-	-	-	-	Method 21 Soap Bubble
34610468	09/10/2026	Pressure Relief Device	Optical Gas Imaging/ Other	40,000	Repaired	09/10/2026	-	-	-	-	Method 21 Soap Bubble
34610469	09/29/2026	Other	Audio Visual Olfactory/ Other	-	Repaired	09/30/2026	-	-	-	-	Method 21 Soap Bubble
34610470	09/29/2026	Valve	Optical Gas Imaging/ Other	-	Repaired	09/30/2026	-	-	-	-	Method 21 Soap Bubble
34610471	09/29/2026	Valve	Audio Visual Olfactory/ Other	-	Delay of Repair	10/14/2026	10/14/2026	10/31/2028	Shutdown Required	-	-
34610472	09/29/2026	Valve	Audio Visual Olfactory/ Other	-	Repaired	09/30/2026	-	-	-	-	Method 21 Soap Bubble
34610473	09/29/2026	Valve	Audio Visual Olfactory/ Other	-	Repaired	10/13/2026	-	-	-	-	Method 21 Soap Bubble
34610474	09/29/2026	Valve	Audio Visual Olfactory/ Other	-	Repaired	09/30/2026	-	-	-	-	Method 21 Soap Bubble
34610475	09/29/2026	Connector	Audio Visual Olfactory/ Other	-	Repaired	10/02/2026	-	-	-	-	Method 21 Soap Bubble