



July 15, 2025

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – June 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. This condition requires that a report be submitted monthly starting on July 15th and on the 15th of every month thereafter for the duration of the variance period. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. The report below covers the period of May 30th, 2025, through June 30th, 2025.

Permit Modification Status Update

On July 2nd, a response to the incompleteness letter for ATC 14500-14 was submitted to the district to remove specific changes that require air modeling from this permit application. A new permit application is in progress and will be submitted by August 15th, 2025, as required by Regular Variance Condition 4.

Equipment Repairs Summary

CHP Engine CEMS

- SCADA monitoring equipment was installed at the ADF CEMS on June 4th. Equipment is currently being programmed to provide accurate reports as required by the CEMS plan.

Fuel Monitoring Records

- ADF Flare fuel monitoring is currently performed by two different SCADA systems. RRWM staff has determined that the data pulled from these systems must be reconciled with daily operational logs for data validation purposes. The fuel monitoring records for the period of May 30th-June 30th are included in Appendix A.

Excess Emissions

The ADF Flare emissions limits are specified in Table 5.3-3 and these limits are shown in lbs./hr, lbs./day, lbs./quarter, and lbs./year. There is no limit specified for lbs./month, therefore excess emissions for this period have not yet been calculated. The ADF Flare data for April and May is being reconciled with operational logs to ensure data is valid, and a quarterly excess emissions report for April-June will be provided in the next monthly report due August 15th. Total estimated emissions for June are included in Appendix A.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley
Santa Barbara County Public Works
Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Monitoring & Emission Calculations

cc: Jeanette Gonzales-Knight, Deputy Director

APPENDIX A

Axiom Final Table Gas Flow to Flare		Flare LFG									Purge Schedule
Flare start	Flare Stop	Hours	Totalizer SCF	Biogas to Flare 2 Engines off	Biogas to Flare 1 Engine on++	Biogas to Flare Purge*	Propane	Type			
5/30/25 3:41	5/30/25 6:41	3.0	2,060			22,620	0	One engine running		Purge	
6/2/25 4:59	6/2/25 6:28	1.48	10,775	0	0	22,620	121	One engine running		Purge	
6/2/25 10:04	6/2/25 10:57	0.88	6,417	0			726	One engine running			
6/2/25 12:36	6/2/25 13:28	0.87	6,296	0			412	One engine running			
6/3/25 13:35	6/3/25 13:42	0.12	721	0	0	22,620	387	Two engines running		Purge	
6/5/25 3:30	6/5/25 3:34	0.07	412	0	0	22,620	123	One engine running		Purge	
6/6/25 3:50	6/6/25 3:54	0.07	687	0	0	22,620	246	Two engines running		Purge	
6/6/25 9:10	6/6/25 9:15	0.08	858	0	0	22,620	329	Two engines running		Purge	
6/9/25 3:44	6/9/25 6:30	2.77	20,397	0	0		227	Two engines running			
6/10/25 3:38	6/10/25 6:10	2.53	19,058	0	0	22,620	207	Two engines running		Purge	
6/12/25 3:41	6/12/25 6:30	2.82	33,379	0	0	22,620	116	Two engines running		Purge	
6/12/25 9:34	6/12/25 14:22	4.80	36,962	0			389	One engine running			
6/12/25 15:21	6/13/25 4:02	12.69	97,881	0				One engine running			
6/13/25 4:03	6/13/25 7:01	2.97	22,892	78,125				Both engines off			
6/13/25 7:02	6/13/25 7:34	0.53	4,115	0		22,620		One engine running		Purge	
6/16/25 7:53	6/16/25 8:30	0.62	8,137	0	0	22,620	825	One engine running		Purge	
** 6/16/25 18:34	6/18/25 12:51	42.28	2,693	1,142,395	0		1,019	Both engines off			
6/19/25 9:47	6/19/25 10:01	0.23	1,947	0	0	22,620	189	One engine running		Purge	
6/19/25 10:23	6/19/25 10:26	0.05	417	0	0		258	Two engines running			
6/19/25 10:54	6/19/25 10:57	0.05	417	0	0		123	Two engines running			
** 6/21/25 15:28	6/22/25 13:49	22.35	5,375	626,038	0		223	Both engines off			
6/23/25 5:14	6/23/25 6:25	1.18	8,066		0	22,620	550	Two engines running		Purge	
6/23/25 6:26	6/24/25 10:11	27.75	189,156			22,620		One engine running		Purge	
6/24/25 10:12	6/24/25 10:16	0.07	454	2,014	0			Both engines off			
6/24/25 10:17	6/24/25 13:51	3.57	24,312	0				One engine running			
6/24/25 18:02	6/25/25 12:35	18.55	145,939	0			707	One engine running			
6/25/25 12:36	6/26/25 5:30	16.90	132,958	458,245.71	0			Both engines off			
6/26/25 6:20	6/27/25 15:40	33.33	211,521	903,814.84	0	22,620	201	Both engines off		Purge	
6/27/25 15:41	6/30/25 9:19	65.64	416,667	0		22,620		One engine running		Purge	
6/30/25 9:20	6/30/25 9:32	0.20	1,270	4,456	0			Both engines off			
6/30/25 9:33	6/30/25 23:59	14.43	91,629	0				One engine running			
June Totals		279.9	1,501,805.4	3,215,087.7		316,680.0	7,377.8				

**Public Safety Power Shutoff

High wind events

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++ One engine running and flare on (hours)
No biogas to flare calculated during these times

*Purge biogas is an estimate

	LFG	Biogas	Biogas	Biogas	Propane
Btu/scf	511	587	587	587	2522
Sulfur ppmv	22	2.5	2.5	2.5	237

MMBtu/ADF	PM / PM ₁₀ /				
Flare Use	NOx lbs	ROC lbs	CO lbs	PM _{2.5} lbs	SO2 lbs
14.3	1.1	0.0	2.9	0.3	0.0
19.1	1.5	0.1	3.8	0.4	0.1
5.1	0.4	0.0	1.0	0.1	0.1
4.3	0.3	0.0	0.9	0.1	0.0
14.6	1.2	0.0	2.9	0.3	0.0
13.8	1.1	0.0	2.8	0.3	0.0
14.2	1.1	0.0	2.8	0.3	0.0
14.5	1.2	0.0	2.9	0.3	0.0
11.0	0.9	0.0	2.2	0.2	0.1
23.5	1.9	0.1	4.7	0.5	0.1
30.6	2.5	0.1	6.1	0.6	0.1
19.9	1.6	0.1	4.0	0.4	0.2
50.0	4.0	0.2	10.0	1.0	0.4
57.6	4.6	0.2	11.5	1.2	0.1
15.4	1.2	0.0	3.1	0.3	0.0
19.5	1.6	0.1	3.9	0.4	0.1
674.5	54.0	2.0	134.9	13.5	0.5
14.7	1.2	0.0	2.9	0.3	0.0
0.9	0.1	0.0	0.2	0.0	0.0
0.5	0.0	0.0	0.1	0.0	0.0
370.8	29.7	1.1	74.2	7.4	0.3
18.8	1.5	0.1	3.8	0.4	0.1
109.9	8.8	0.3	22.0	2.2	0.7
1.4	0.1	0.0	0.3	0.0	0.0
12.4	1.0	0.0	2.5	0.2	0.1
76.4	6.1	0.2	15.3	1.5	0.6
336.9	27.0	1.0	67.4	6.7	0.7
652.4	52.2	2.0	130.5	13.0	1.2
226.2	18.1	0.7	45.2	4.5	1.6
3.3	0.3	0.0	0.7	0.1	0.0
46.8	3.7	0.1	9.4	0.9	0.3
2,859.2	228.7	8.6	571.8	57.2	7.4

Permit	PM / PM ₁₀ /				
lb/MMBtu	NOx	ROC	CO	PM _{2.5}	SO2
	0.08	0.003	0.2	0.02	based on ppmv

SANTA BARBARA COUNTY

**Resource Recovery &
Waste Management Division**

Innovative Environmental Solutions



Chris Sneddon, P.E.
Public Works Director

Jeanette Gonzales-Knight, P.E.
Deputy Director

August 15, 2025

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – July 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. The report below covers the period of June 30th, 2025, through July 31st, 2025.

A permit modification application was submitted via email and certified mail on August 15th, 2025. Fuel monitoring records are continuing to be refined, and updated fuel monitoring for the first quarter of this variance, in addition to July fuel monitoring can be found in Appendix A. Excess Emissions for the ADF Flare can be found in Appendix B. Excess emissions are calculated utilizing the source tested emission factors from the ADF Flare.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley
Santa Barbara County Public Works
Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Usage
Appendix B – ADF Flare Excess Emission Calculations

cc: Jeanette Gonzales-Knight, Deputy Director

APPENDIX A

ADF FLARE FUEL USAGE

ADF Fuel Usage	Sum of CF Propane	Sum of CF LFG	Sum of CF Biogas
7/1/2025	900.74	161,204.30	137,759.67
7/2/2025	891.44	82,880.06	92,829.13
7/3/2025	168.28	16,635.30	-
7/4/2025	-	-	-
7/5/2025	-	-	-
7/6/2025	-	-	-
7/7/2025	518.00	24,130.47	3,195.28
7/8/2025	473.12	49,324.12	30,668.44
7/9/2025	166.39	20,856.12	-
7/10/2025	171.64	21,453.70	-
7/11/2025	-	-	-
7/12/2025	-	-	-
7/13/2025	-	-	-
7/14/2025	116.20	39,915.20	-
7/15/2025	-	-	-
7/16/2025	174.30	-	-
7/17/2025	17.37	25,268.97	-
7/18/2025	290.69	19,153.78	-
7/19/2025	-	-	-
7/20/2025	-	-	-
7/21/2025	266.07	24,400.48	-
7/22/2025	237.17	24,086.55	-
7/23/2025	-	-	-
7/24/2025	-	-	-
7/25/2025	732.77	28,020.97	4,222.48
7/26/2025	-	-	-
7/27/2025	-	-	-
7/28/2025	165.75	21,273.72	-
7/29/2025	232.46	2,107.20	-
7/30/2025	468.97	13,864.03	53,702.47
7/31/2025	118.35	20,990.25	-
Grand Total	6,109.72	595,565.20	322,377.46

ADF Flare Fuel	Sum of CF Propane	Sum of CF LFG	Sum of CF Biogas
Apr	23,544.28	4,309,043.17	3,087,301.60
May	17,449.08	4,225,396.45	3,133,460.89
Jun	7,331.22	1,475,683.70	4,147,444.36
Grand Total	48,324.59	10,010,123.32	10,368,206.85

APPENDIX B

ADF FLARE EXCESS EMISSIONS

Excess Emissions Summary							
April 2025 - June 2025							
Purging	NOx	ROC	CO	SO2	PM	PM10	PM2.5
Hourly (lbs)	-	-	-	-	-	-	-
Daily (lbs)	0.39	-	-	-	3.81	3.81	3.81
Quarterly (tons)	-	-	-	-	-	-	-
Engine Down	NOx	ROC	CO	SO2	PM	PM10	PM2.5
Hourly (lbs)	0.38	-	-	-	18.26	18.26	18.26
Daily (lbs)	-	-	-	-	9.53	9.53	9.53
Quarterly (tons)	0.12	-	-	-	0.08	0.08	0.08



September 15, 2025

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – August 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of August 1st, 2025, through August 31st, 2025.

ADF Flare Usage

RRWM made significant efforts to ensure minimal usage of the ADF flare by running two engines at reduced load. On August 4th, a control panel on one of the ADF CHP (G400) engines went offline. Parts were sourced to repair the panel, and staff are working with Jenbacher and the CHP engine contractor to install the needed hardware and reprogram the controller. G400 has been inoperable since this event. This equipment failure resulted in an increase in ADF Flare usage during the month of August. The ADF Flare fuel usage can be found in Appendix A. Excess emissions are calculated on a quarterly basis and will be submitted as a part of the September variance report.

Permit Revisions

On August 13th, a response to the incomplete letter for ATC Mod 14500-14 was submitted to Charlotte Mountain. A permit application for revisions to conditions requiring air modeling was submitted on August 15th.

Equipment Repairs

- Timelines for Gore system communication device repairs are estimated to be done by October 2025.
- Hardware upgrades to the CHP engine control system have been purchased, and we are awaiting confirmation of shipment.

- An RFQ/RFP was submitted and received to complete the biogas treatment system reconfiguration, and that work is proposed to be started in March/April 2026.
- The biofilter scrubber recirculation pumps were replaced.

Compliance Status

The following conditions have achieved compliance:

- 9.C.34.i – Achieved Compliance on 7/17/2025 (awaiting District plan approval)
- 9.C.11.b.x – Achieved Compliance on 1/31/2025 (awaiting District plan approval)

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,



Lindsay Cokeley

Santa Barbara County Public Works

Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Usage

cc: Jeanette Gonzales-Knight, Deputy Director

APPENDIX A

Date	Total LFG	Total Biogas	Total Propane
8/1/2025	22,801.60	7,431.73	453.00
8/2/2025	0.00	0.00	0.00
8/3/2025	0.00	0.00	0.00
8/4/2025	184,195.87	284,319.97	669.00
8/5/2025	113,405.83	428,698.37	0.00
8/6/2025	236,664.98	413,053.38	0.00
8/7/2025	312,433.66	197,868.13	0.00
8/8/2025	223,459.21	333,365.83	0.00
8/9/2025	253,940.11	261,066.11	0.00
8/10/2025	298,651.31	274,986.32	0.00
8/11/2025	288,789.68	222,930.78	0.00
8/12/2025	265,954.56	210,010.52	0.00
8/13/2025	237,381.41	281,919.90	0.00
8/14/2025	202,305.17	243,204.49	160.00
8/15/2025	284,636.30	212,846.04	0.00
8/16/2025	345,764.93	278,701.00	0.00
8/17/2025	353,979.02	282,953.53	0.00
8/18/2025	285,988.27	209,068.04	0.00
8/19/2025	287,253.15	214,823.57	506.00
8/20/2025	289,596.04	270,831.07	0.00
8/21/2025	296,857.07	290,529.34	0.00
8/22/2025	296,642.94	204,300.16	0.00
8/23/2025	297,963.60	251,816.81	0.00
8/24/2025	301,318.17	252,561.41	0.00
8/25/2025	304,896.19	189,548.97	0.00
8/26/2025	299,902.34	185,743.57	0.00
8/27/2025	293,786.72	258,754.12	0.00
8/28/2025	286,249.10	192,236.84	0.00
8/29/2025	273,394.81	270,295.26	191.00
8/30/2025	89,102.52	552,909.50	303.00
8/31/2025	0.00	723,245.40	0.00
Grand Total	7,227,314.56	8,000,020.16	2,282.00



November 15, 2025

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – October 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of October 1st, 2025, through October 31st, 2025.

ADF Flare Usage

The ADF Flare fuel usage can be found in Appendix A.

Permit Revisions

RRWM is in receipt of two incomplete letters and is working with AECOM on responses.

Equipment Repairs

- Hardware upgrades to the ADF CHP engine control system have been installed, and both CHP engines are currently running as of 10/29/2025. CEMS parts are in the process of being procured and budget revisions will go to the Board of Supervisors early next year.
- Monitoring devices for condensate and biogas to the ADF flare are being evaluated for feasibility.
- Gore System repairs are in progress.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,
Lindsay Cokeley
Santa Barbara County Public Works - Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Usage

ADF Flare Fuel Usage - October 2025

Date	Sum of Total LFG	Sum of Total Biogas	Sum of Propane
10/1/2025	249,735.00	266,219.36	-
10/2/2025	253,708.00	238,948.38	139.32
10/3/2025	174,588.00	457,870.15	12.43
10/4/2025	210,594.00	264,631.75	-
10/5/2025	222,301.00	283,693.13	-
10/6/2025	200,594.00	295,390.13	-
10/7/2025	210,391.00	237,060.72	-
10/8/2025	218,883.00	328,685.76	48.60
10/9/2025	212,997.00	234,531.76	-
10/10/2025	205,745.00	230,076.98	-
10/11/2025	211,852.00	285,635.03	-
10/12/2025	40,102.00	682,256.92	-
10/13/2025	151,049.00	447,974.14	-
10/14/2025	228,204.00	299,403.83	-
10/15/2025	285,362.00	257,524.90	-
10/16/2025	233,034.00	199,878.96	-
10/17/2025	136,594.00	210,450.05	293.14
10/18/2025	67,876.00	270,309.85	-
10/19/2025	83,937.00	263,473.62	-
10/20/2025	245,060.00	213,545.61	-
10/21/2025	211,356.00	228,663.30	-
10/22/2025	219,596.00	291,311.27	-
10/23/2025	317,058.00	193,920.95	-
10/24/2025	334,601.00	191,273.22	254.17
10/25/2025	404,507.00	293,658.53	-
10/26/2025	370,805.00	296,237.15	-
10/27/2025	392,635.00	298,143.45	-
10/28/2025	392,824.00	216,540.84	-
10/29/2025	282,233.00	186,543.25	452.24
10/30/2025	25,652.00	-	-
10/31/2025	4,514.00	5,531.26	364.04
Grand Total	6,798,387.00	8,169,384.25	1,563.95



December 15, 2025

Aimee Long
Santa Barbara County Air Pollution Control District
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Re: Variance 2025-09-R Monthly Report – November 2025

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ADF Flare Usage

The ADF Flare fuel usage can be found in **Appendix A**. Emission calculations for July-September have been finalized and are included in **Appendix B**.

Permit Revisions

Below is a list of the various changes to the emission calculations that have been completed to date to accurately reflect current operations. These updates incorporate all of the equipment and processes that were previously evaluated either through separate ATC's or the Landfill Capacity Increase Project.

- MRF Fugitive PM CSSR (CMU screen throughput)
- Paper Dryer
- Condensate Evaporator
- Transitioned the Windrow calculations for ROC, NH3, GHG, Organic TACs and Metal TACs to account for the Gore Cover source test factors.
- MRF, AD, and CMU Equipment changes
- AD/Biofilter ROC, NH3 and Organic TACs
- Emergency Generators
- Used EMFAC2025 to update the vehicle fleet mix exhaust, tire and brake wear emission factors; replacing the historical EMFAC2011 values we've been carrying through for many years.
- Consolidated the MRF Flare operating cases from 4 (A, B, C and D) to 2 (renamed A and B).
- Updated the LFG sulfur content to 50 ppmv.

Equipment Repairs

- Process monitoring for the LFG condensate evaporator including both inlet and outlet totalizers have been installed to be able to accurately monitor the amount of condensate evaporated. **Compliance with Condition 9.C.13.b.iv, 9.C.13.c.iv and 9.C.13.c.v has been achieved.**
- A contractor has been selected to complete the work on the Biogas Treatment System and associated infrastructure.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley

Santa Barbara County Public Works - Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Usage
Appendix B – Excess Emissions (July-Sept)

Appendix A - ADF Flare Fuel Use

Date	Sum of CF Propane	CF Landfill Gas	CF Biogas
11/1/25	-	-	-
11/2/25	-	-	-
11/3/25	277.6	28,372.0	-
11/4/25	350.7	25,228.0	-
11/5/25	-	-	-
11/6/25	651.6	52,128.0	18,266.6
11/7/25	-	-	-
11/8/25	-	-	-
11/9/25	-	-	-
11/10/25	325.2	25,605.0	-
11/11/25	22.3	29,944.0	-
11/12/25	881.1	18,024.0	9,301.5
11/13/25	-	-	-
11/14/25	-	-	-
11/15/25	-	-	-
11/16/25	-	-	-
11/17/25	324.4	46,458.0	-
11/18/25	-	-	-
11/19/25	80.3	21,191.0	-
11/20/25	-	-	-
11/21/25	728.6	34,633.0	1,816.3
11/22/25	-	-	-
11/23/25	-	-	-
11/24/25	58.0	27,757.0	-
11/25/25	127.1	5,300.0	1,399.1
11/26/25	571.4	33,907.0	-
11/27/25	-	-	-
11/28/25	-	-	-
11/29/25	-	-	-
11/30/25	-	-	-
Grand Total	4,398.38	348,547.00	30,783.56

Appendix B - ADF Flare Excess Emissions

Excess Emissions Summary

Purging	NOx	ROC	CO	SO2	PM	PM10	PM2.5
Hourly (lbs)	-	-	-	-	0.16	0.16	0.16
Daily (lbs)	8.08	-	-	0.49	10.11	10.11	10.11
Quarterly (tons)	-	-	-	-	-	-	-
Engine Down	NOx	ROC	CO	SO2	PM	PM10	PM2.5
Hourly (lbs)	0.627	-	-	-	69.65	69.65	69.65
Daily (lbs)	-	-	-	-	54.15	54.15	54.15
Quarterly (tons)	0.210	0.001	-	0.001	0.124	0.124	0.124

SANTA BARBARA COUNTY

**Resource Recovery &
Waste Management Division**

Innovative Environmental Solutions



Chris Sneddon, P.E.
Public Works Director

Jeanette Gonzales-Knight, P.E.
Deputy Director

January 15, 2026

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – December 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of **December 1st, 2025, through December 31st, 2025.**

ADF Flare Usage

The ADF Flare fuel usage can be found in **Appendix A**. Emission Calculations for September-December 2025 will be provided in the January Monthly Report.

Equipment Repairs

The ADF Flare Blower repair took place at the end of November and a positive pressure component leak test was done on December 9th, 2025. No emissions were detected which indicates the repair was successful. The system will be leak tested again during the regular quarterly monitoring in March 2026.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley

Santa Barbara County Public Works - Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Usage

Appendix A - Fuel Usage

Date	CF Propane	CF LFG	CF Biogas
12/1/2025	171.59	37,226.00	-
12/2/2025	1,222.58	38,687.00	1,312.17
12/3/2025	-	-	-
12/4/2025	49.14	36,363.00	-
12/5/2025	128.98	28,873.00	-
12/6/2025	-	-	-
12/7/2025	-	-	-
12/8/2025	273.54	29,181.00	-
12/9/2025	191.73	68,761.00	11,360.38
12/10/2025	-	-	-
12/11/2025	131.18	33,334.00	-
12/12/2025	260.33	28,795.00	-
12/13/2025	-	-	-
12/14/2025	-	-	-
12/15/2025	-	28,584.00	-
12/16/2025	252.13	180,796.00	149,428.18
12/17/2025	-	100,996.00	93,522.38
12/18/2025	569.97	40,428.00	10,082.12
12/19/2025	666.46	53,808.00	16,572.52
12/20/2025	-	-	-
12/21/2025	-	-	-
12/22/2025	961.63	130,439.00	91,732.58
12/23/2025	317.74	112,566.00	102,212.69
12/24/2025	-	-	-
12/25/2025	-	-	-
12/26/2025	256.85	25,931.00	-
12/27/2025	-	-	-
12/28/2025	-	-	-
12/29/2025	357.33	20,155.00	-
12/30/2025	108.55	29,459.00	-
12/31/2025	515.82	83,733.00	53,130.68
Grand Total	6,435.55	1,108,115.00	529,353.69



February 15, 2026

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – January 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of **January 1st, 2026, through January 31st, 2026.**

ADF Flare Usage

The ADF Flare fuel usage can be found in **Appendix A**. Excess emissions for the 4th quarter of 2025 are included as **Appendix B**.

Equipment Repairs

Condensate Evaporator: In January, the inlet and outlet totalizers for the condensate evaporator failed, bringing the facility temporarily out of compliance with the previously achieved compliance under Conditions 9.C.13.b.iv, 9.C.13.c.iv, and 9.C.13.c.v. Repairs were completed in February.

ADF Flare: During the month of January, the ADF Flare had to run continuously. The biogas fuel quality decreased significantly leading to ADF CHP engine failures. Only one engine ran during the month of January to conduct the required maintenance & repairs.

Biogas Treatment System: Tetra Tech was awarded a contract to redesign the piping and associated equipment for the biogas treatment system to comply with Condition 9.C.7.a.i. - Sulfur & Ammonia System Operation (In-Series). Tetra Tech conducted an engineering evaluation of the system and determined the proposed redesign will not work due to extensive facility limitations including but not limited to the existing carbon vessel media capacity, existing vessel size, and its siloxane removal capabilities. RRWM is in the process of evaluating costs of the various options provided by Tetra Tech to

bring the facility into compliance with this condition and other downstream related permit conditions such as the ADF CHP engine emission limits and SCR performance.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley

Santa Barbara County Public Works - Resource Recovery and Waste Management Division

Attachments: Appendix A – ADF Flare Fuel Usage
Appendix B – ADF Flare Excess Emission Report

ADF Flare Fuel Usage - January 2026

Date	Total Propane (CF)	Total LFG (CF)	Total Biogas (CF)
1/1/2026	0	245,953	148,549
1/2/2026	0	246,475	136,324
1/3/2026	0	246,877	130,078
1/4/2026	0	246,483	144,190
1/5/2026	717	119,315	144,614
1/6/2026	552	83,755	26,871
1/7/2026	253	200,594	55,651
1/8/2026	0	238,501	191,185
1/9/2026	0	277,996	180,394
1/10/2026	0	283,232	120,869
1/11/2026	0	283,512	131,312
1/12/2026	0	283,507	82,231
1/13/2026	0	275,370	128,129
1/14/2026	0	289,657	99,076
1/15/2026	0	286,252	88,540
1/16/2026	0	288,385	127,060
1/17/2026	0	289,258	183,332
1/18/2026	0	287,401	215,728
1/19/2026	0	286,470	176,343
1/20/2026	0	284,492	183,479
1/21/2026	0	287,809	262,471
1/22/2026	0	284,482	215,311
1/23/2026	0	288,030	186,846
1/24/2026	0	286,069	234,487
1/25/2026	0	286,079	263,327
1/26/2026	0	282,458	208,818
1/27/2026	0	279,973	211,129
1/28/2026	0	237,867	229,499
1/29/2026	0	228,149	158,884
1/30/2026	0	207,190	268,464
1/31/2026	0	41,260	683,958
Grand Total	1,522	7,752,851	5,617,149

**Appendix B - ADF Flare Excess Emissions
October 2025-December 2025**

Excess Emissions Summary

Purging	NOx	ROC	CO	SO2	PM	PM10	PM2.5
Hourly (lbs)	-	-	-	-	-	-	-
Daily (lbs)	1.47	-	-	0.05	5.57	5.57	5.57
Quarterly (tons)	-	-	-	-	-	-	-
Engine Down	NOx	ROC	CO	SO2	PM	PM10	PM2.5
Hourly (lbs)	-	-	-	-	-	-	-
Daily (lbs)	-	-	-	-	30.11	30.11	30.11
Quarterly (tons)	0.083	-	-	-	0.059	0.059	0.059



March 15, 2026

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – January 2025

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of **February 1st, 2026, through February 28th, 2026.**

ADF Flare Usage

The ADF Flare fuel usage can be found in **Appendix A.**

Equipment Repairs

Condensate Evaporator: In January, the inlet and outlet totalizers for the condensate evaporator failed, bringing the facility temporarily out of compliance with the previously achieved compliance under Conditions 9.C.13.b.iv, 9.C.13.c.iv, and 9.C.13.c.v. Repairs were completed in February, however the flow meters installed are not functioning properly due to the consistency of the liquids flowing to the evaporator. Engineering staff is evaluating other methods to measure flow to the evaporator.

ADF Flare: During the month of February, the ADF Flare had to run continuously with the exception of a few days where both ADF CHP engines were running smoothly. Several failures occurred during the month due to various causes.

ATC 14500-14: RRWM staff completed review of all the original ATC 14500 application materials provided by the District and put together a response to the incompleteness letter. The District requested additional clarifying information via email which was also provided. Staff is currently working on addressing the remaining incomplete items and plans to meet with the District soon to discuss findings.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley
Santa Barbara County Public Works
Resource Recovery and Waste Management Division

Attachments: *Appendix A – ADF Flare Fuel Usage*

CC: Travis Spier, Engineering and Compliance Manager



April 15, 2026

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – March 2026

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of **March 1st, 2026 through March 31st, 2026.**

ADF Flare Usage

The ADF Flare fuel usage can be found in **Appendix A**. Excess emissions for the first quarter of 2026 will be submitted along with the April variance report.

Equipment Repairs & Compliance Status

Condensate Evaporator: We have achieved compliance with conditions **9.C.13.b.iv., 9.C.13.c.iv., and 9.C.13.c.v.** The amount of condensate evaporated is now being accurately recorded whenever the evaporator is in use.

MRF Throughput: We have achieved compliance with condition **9.C.1.b.ii**, the amount of MSW processed in the MRF does not exceed its daily or annual limits.

ADF Biofilter: We have achieved compliance with condition **9.C.5.a.iii** as we were able to confer with the manufacturer that the fan speed set point cannot exceed the flowrate limit set forth in this condition.

Enclosed Flare Monitoring: We have achieved compliance with conditions **9.C.10.c.ii and 9.C.10.c.viii** as we have corrected the flare data monitoring accuracy.

CMU: We have achieved compliance with conditions **9.C.11.b.vii, 9.C.11.c.iii, and 9.C.11.c.vi** as the woodchipper is no longer used on site.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,



Lindsay Cokeley

Santa Barbara County Public Works

Resource Recovery and Waste Management Division

Attachments: *Appendix A – ADF Flare Fuel Usage*

CC: Travis Spier, Engineering and Compliance Manager



May 15, 2026

Aimee Long
Santa Barbara County Air Pollution Control District
260 N San Antonio Rd Suite A
Santa Barbara, CA 93110

FID: 11480

Sent via email to LongA@sbcapcd.org

Re: Variance 2025-09-R Monthly Report – April 2026

Dear Ms. Long,

The County of Santa Barbara Public Works Resource Recovery & Waste Management Division (RRWM) is providing this monthly report pursuant to the Regular Variance 2025-09-R Condition 1. The report shall include the date the permit modification application was submitted, the date the permit modification application was deemed complete, the date the permit modification source compliance demonstration period started, the date the repairs were completed, the date the equipment returned to service, fuel monitoring records for the ADF flare, and the excess emissions (in lbs.) for each month. This report covers the period of **April 1st, 2026 through April 30th, 2026.**

ADF Flare Usage

The ADF Flare fuel usage can be found in **Appendix A.**

Equipment Repairs & Compliance Status

During the month of April, 16 Gore System blowers were effectively running. There are a few blowers electrical systems that still need repair, and those are schedule to occur in May. Additional repairs and upgrades for the CHP engines took place during the month of May, which will be reported in the May monthly variance report.

If you have any questions or concerns regarding this report, please contact me via email or phone.

Sincerely,

Lindsay Cokeley
Santa Barbara County Public Works
Resource Recovery and Waste Management Division

Attachments: *Appendix A – ADF Flare Fuel Usage*
CC: Travis Spier, Engineering and Compliance Manager

Date	LFG Total (1 ENG OFF)	BG Total (1 ENG OFF)	LFG Total (Purging) BG Total (Purging)	LFG Total (2 ENG OFF)	BG Total (2 ENG OFF)	Total Propane	
4/1/2026	-	-	23,221	-	-	277	
4/2/2026	-	-	-	-	-	-	
4/3/2026	-	-	21,452	-	-	284	
4/4/2026	-	-	-	-	-	-	
4/5/2026	-	-	-	-	-	115	
4/6/2026	-	-	-	-	-	-	
4/7/2026	-	-	27,727	-	-	259	
4/8/2026	-	-	-	-	-	-	
4/9/2026	31,207	24,832	49,055	-	-	559	
4/10/2026	-	-	-	-	-	-	
4/11/2026	-	-	-	-	-	-	
4/12/2026	-	-	-	4,064	449,573	794	
4/13/2026	936	874	-	929	255,906	337	
4/14/2026	-	-	20,449	-	-	177	
4/15/2026	-	532	19,492	-	30,165	373	
4/16/2026	-	-	-	-	-	-	
4/17/2026	-	-	-	6,389	110,256	328	
4/18/2026	-	-	-	-	-	-	
4/19/2026	-	-	-	-	-	-	
4/20/2026	-	-	20,666	-	-	271	
4/21/2026	139,077	87,100	22,171	-	-	478	
4/22/2026	197,605	107,351	20,318	183	1,333	18	
4/23/2026	211,568	106,499	-	25,948	81,741	-	
4/24/2026	232,409	151,126	-	6,111	25,031	259	
4/25/2026	247,985	190,821	-	-	-	-	
4/26/2026	219,201	174,044	-	27,127	21,073	-	
4/27/2026	113,953	83,027	23,235	-	271,024	-	
4/28/2026	-	-	-	-	644,868	-	
4/29/2026	-	-	-	4	651,727	-	
4/30/2026	68,407	65,378	-	1,117	359,162	-	
Grand Total	1,462,348	991,584	247,786	-	71,872	2,901,859	4,530