



**2025 Q1
INCINERATION
REPORT**



Stericycle, ULC

95 Deerhurst Drive
Brampton, ON
L6T 5R7

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April 29th 2025

District Manager
Ministry of the Environment, Conservation and Parks
Halton-Peel District Office
300-4145 North Service Road
Burlington, ON
L7L 6A3

Dear District Manager,

**Re: Stericycle, ULC.
Certificate of Approval for a Waste Disposal Site No. A680324**

As required by Condition 52 of the above-mentioned Certificate of Approval, please find attached the incinerator quarterly report for the first quarter of 2025.

During January 2025 there were 3 occurrences of the 4-hour CO alarm & 0 occurrences of the 12-hour CO alarm. In February 2025 there were 3 occurrences of the 4-hour CO alarm and 0 occurrence of the 12-hour CO alarm. In March 2025 there were 3 occurrences of the 4-hour CO alarm and 0 occurrences of the 12-hour CO alarm. Stericycle will continue to work with the incinerator operators to further reduce the number of CO alarms.

There were 0 occurrences of the 24-hour NOx alarm triggered in Q1 of 2025.

Details on the above noted alarms are available in the body of the attached report.

FIRST QUARTER 2025

INCINERATOR QUARTERLY REPORT - SUPPLEMENTAL INFORMATION

- The Emergency Bypass stack was used twice during Q1 2025. Details on the bypass events are list below/
- Throughout the quarter, minor issues with either the waste feed or the proper operation of certain pieces of equipment caused alarm conditions. In all cases, the problems were fixed, and normal operations resumed. Corrective actions included adjustments to the waste feed mix and rate and corrective maintenance on affected systems.
- Throughout the first quarter of 2025, the incinerator was run by trained Stericycle operators Ricky Pope, Said M. Said, Lamek Abraha, Nasif Ferdaus Ahad, John Diala, & Anuraj Singh.
- There were no complaints received regarding the operation of the incinerator during the first quarter of 2025.
- Stericycle ULC. operated the incinerator on the following days during the first quarter:

Jan-25			
Start-up		Shutdown	
Date	Time	Date	Time
		1/1/2025	20:41
1/2/2025	02:05	1/2/2025	20:33
1/4/2025	20:36	1/5/2025	17:00
1/6/2025	20:49	1/7/2025	20:20
1/9/2025	09:26	1/10/2025	00:58
1/10/2025	05:54	1/10/2025	13:36
1/10/2025	22:07	1/11/2025	05:55
1/11/2025	11:57	1/12/2025	04:11
1/12/2025	09:50	1/13/2025	01:45
1/13/2025	10:27	1/13/2025	23:51
1/14/2025	06:00	1/14/2025	23:55
1/15/2025	05:16	1/15/2025	22:57
1/16/2025	04:17	1/16/2025	23:43
1/17/2025	05:45	1/17/2025	23:32
1/18/2025	05:53	1/19/2025	13:05
1/19/2025	18:16	1/20/2025	00:49
1/20/2025	20:59	1/21/2025	09:37
1/21/2025	15:27	1/22/2025	01:35
1/22/2025	12:22	1/23/2025	04:47
1/23/2025	11:40	1/24/2025	00:46
1/24/2025	06:10	1/24/2025	13:50
1/24/2025	19:35	1/25/2025	06:12
1/25/2025	12:36	1/26/2025	01:14
1/26/2025	07:20	1/26/2025	13:00
1/27/2025	20:41	1/29/2025	02:42
1/29/2025	09:50	1/30/2025	02:51
1/30/2025	09:10	1/30/2025	16:17
1/30/2025	22:26	1/31/2025	05:41
1/31/2025	12:26		

Feb-25			
Start-up		Shutdown	
Date	Time	Date	Time
		2/1/2025	01:03
2/1/2025	07:18	2/1/2025	20:03
2/2/2025	01:26	2/2/2025	10:37
2/2/2025	16:41	2/3/2025	00:44
2/3/2025	05:49	2/3/2025	09:34
2/5/2025	10:03	2/6/2025	03:06
2/6/2025	09:41	2/7/2025	07:51
2/7/2025	13:34	2/7/2025	22:56
2/8/2025	17:37	2/9/2025	06:21
2/9/2025	11:55	2/10/2025	08:06
2/10/2025	13:48	2/10/2025	23:50
2/11/2025	04:51	2/11/2025	15:27
2/13/2025	20:10	2/14/2025	20:49
2/15/2025	01:51	2/15/2025	20:47
2/16/2025	01:46	2/16/2025	20:48
2/17/2025	01:58	2/17/2025	23:17
2/18/2025	12:59	2/19/2025	17:57
2/19/2025	23:10	2/20/2025	17:55
2/20/2025	23:27	2/21/2025	02:12
2/23/2025	04:47	2/24/2025	18:45
2/25/2025	08:13	2/25/2025	17:45
2/26/2025	17:08	2/27/2025	17:46
2/27/2025	23:04	2/28/2025	09:24
2/28/2025	22:02		

Mar-25			
Start-up		Shutdown	
Date	Time	Date	Time
		3/1/2025	20:43
3/2/2025	01:53	3/2/2025	22:19
3/3/2025	03:27	3/3/2025	20:57
3/4/2025	02:11	3/4/2025	20:54
3/5/2025	02:03	3/5/2025	19:56
3/6/2025	00:59	3/6/2025	19:24
3/7/2025	00:33	3/7/2025	18:56
3/8/2025	00:07	3/8/2025	19:37
3/9/2025	00:42	3/9/2025	21:35
3/10/2025	02:46	3/10/2025	13:08
3/11/2025	09:22	3/11/2025	20:41
3/13/2025	11:40	3/14/2025	17:16
3/14/2025	22:49	3/15/2025	18:37
3/15/2025	23:39	3/16/2025	18:09
3/16/2025	23:10	3/17/2025	18:09
3/17/2025	23:12	3/18/2025	17:08
3/18/2025	22:10	3/19/2025	17:35
3/19/2025	23:02	3/20/2025	17:35
3/20/2025	22:54	3/21/2025	17:40
3/21/2025	22:39	3/22/2025	17:34
3/22/2025	22:57	3/23/2025	17:31
3/24/2025	01:31	3/24/2025	21:18
3/25/2025	07:33	3/25/2025	10:16
3/28/2025	15:22	3/29/2025	18:19
3/29/2025	23:26	3/30/2025	18:04
3/30/2025	23:12	3/31/2025	16:56
3/31/2025	22:03		

During Q1 of 2025 routine maintenance was performed on the incinerator during the scheduled shutdowns along with following additional repairs:

- Repair to the quench tank refractory

Emergency Bypasses Q1 2025

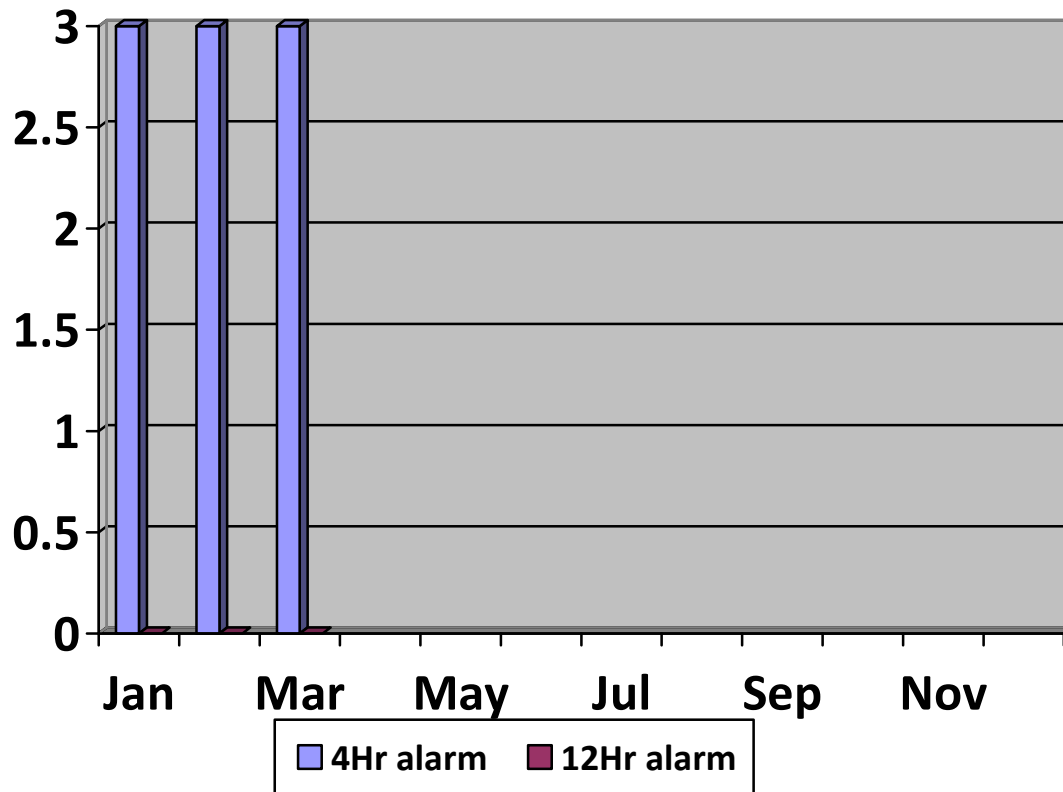
Date	Start Time	End Time	Duration	Emission Volume (m³)	Reason	Corrective Action
1/26/2025	12:58:00	13:02:00	0:04:00	14.58	The power outage occurred around 12:57 PM, and the backup generator started at approximately 12:58 PM. During the transition, the emergency bypass stack cap opened.	The generator response time was unusually slow possibly due to recent colder weather, 3rd party contractor has been engaged to inspect the system and provide possible mitigative solutions. Due to the lag in generator start-up the APC system went offline and needed to be restarted. The air compressor also went offline and the PSI dropped to 40psi which contributed to the stack cap opening.

1/26/2025	15:02	15:05	0:03:00	10.94	During the transfer from generator to municle power supply the APC system went offline again causing the emergency bypass stack cap to open.	The APC system went offline and needed to be restarted. The air compressor also went offline and the PSI dropped to 40psi which contributed to the stack cap opening. Both events on January 26 2025 were reported to the MECP under incident # 1-GINC1T.
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CO Alarm Chart Q1 2025

Month	4 Hour CO average alarms	12 Hour CO average alarms
January	3	0
February	3	0
March	3	0
April		
May		
June		
July		
August		
September		
October		
November		
December		

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2024 CO alarms vs. 2025 CO alarms

	2024		2025	
Month	4 Hr. Alarm	12 Hr. Alarm	4 Hr. Alarm	12 Hr. Alarm
January	5	0	3	0
February	7	0	3	0
March	9	0	3	0
April	1	0		
May	4	0		
June	2	0		
July	2	0		
August	7	1		
September	7	1		
October	3	0		
November	6	0		
December	4	0		

Stericycle warrants that it has exercised best efforts to adhere to all the applicable Terms & Conditions of its Waste Disposal Site Certificate of Approval including all inspection and reporting requirements through Q1 of 2025.

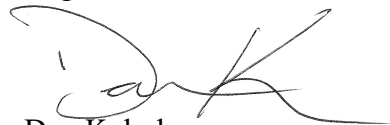
Stericycle is very committed to the full compliance with all conditions of its Provisional Certificate of Approval, throughout the year, whenever a situation of possible non-compliance was identified; immediate actions were taken to ensure full compliance. Stericycle has mechanisms in place to always ensure full compliance. Employees are aware of their responsibilities and are trained appropriately.

Stericycle believes that the current monitoring program is sufficient and enables both Stericycle and the MECP to have a good understanding of the Site operations and to assess its compliance with the Certificate of Approval and all the relevant regulations.

However, Stericycle is very committed to looking for ways to improve its operations through better procedures, training, inspections, and monitoring programs and will continue to do so.

I trust that this is the information required and that it meets with your approval. Should you have any questions or require additional information, please do not hesitate to contact me accordingly.

Regards,



Dan Kokol
Operational EHS Manager
Phone: 905-595-8532
Email: dkokol@stericycle.com



January 31 2025

Christelle Broux Senior Environmental Officer
Ministry of Environment, Conservation and Parks
Halton-Peel District Office
4145 North Service Road, Suite 300
Burlington, Ontario
L7L 6A3

Dear Christelle Broux,

RE: Stericycle Site Certificate of Approval No. A680324
Use of the Emergency Bypass Stack
Ref #: 1-GINC1T

On January 26th 2025 at approximately 12:58 the emergency bypass stack cap was opened due to a gap between loss of municipal power at the facility and the transfer to the emergency generator power.

As required by conditions 36 and 38(1) (b) & (2) of the above referenced ECA, the incinerator was brought into a controlled shutdown during this time. The emergency bypass stack was open for a duration of seven (7) minutes. During this period, no waste was injected into the incinerator and the upper chamber was maintained at 1000°C by natural gas only.

On January 26 2025 a call was placed to the Spills Action Control center by Stericycle Operations to report the use of the emergency bypass stack. At approximately 12:58 the emergency bypass stack opened due to a loss of municipal power at the facility. During the transition to the backup generator power, the transition was slower than normal which caused a shutdown of the air compressors and the PLC on the Air Pollution Control (APC) system. Once the transfer to generator power was complete and the air compressor and the APC system were restarted the emergency bypass stack cap was closed. This initial bypass lasted four (4) minutes. At approximately 15:02 the municipal power was restored and a transfer back to the municipal power supply was initiated which resulted in a similar bypass event whereby the APC system PLC and air compressor need to be restarted. This bypass event lasted three (3) minutes.

As corrective actions for the bypass events, the facility contacted the 3rd party contractor responsible for maintenance on the backup generator to inspect the system to ensure it is functioning properly. Additionally the facility contacted the 3rd party responsible for the air compressor maintenance and had an auto-restart installed. Lastly the electrical contractor for the site was engaged to install an back up battery power supply on the APC PLC.

If you require any additional information, please do not hesitate to call me directly at (905) 595-8532.

Yours truly,

Dan Kokol

Operational EHS Manager
Stericycle ULC
905-595-8532
dkokol@stericycle.com



January 2025 Incineration Averages and Ranges

TheDate		OX6min	COmin	NOXmin	PrimTemp°C	SecTemp°C	SNCR	DemTemp°C	CarbTemp°C	DiffTemp°C	IDFanTemp°C	QuenchPH	CondPH	AtomPH	AtomA	AtomB	HEPADP	OpMode
1/1/2025	Average	11.43	0.59	30.13	829.14	1053.85	5.00	23.48	48.72	25.25	34.84	8.01	7.65	6.77	40.18	40.08	1.92	Preheat/Normal(O N)/Shutdown
	Min	6.50	0.00	7.39	372.82	919.68	4.99	14.67	43.88	21.89	25.55	6.45	7.17	6.49	34.05	34.40	0.00	
	Max	14.56	340.98	108.62	1011.36	1091.47	5.28	27.19	50.27	35.04	38.33	8.38	8.06	6.93	40.93	40.73	3.00	
1/2/2025	Average	12.84	0.11	37.96	958.57	1029.55	5.04	28.84	47.03	18.19	33.81	8.11	7.60	6.52	36.71	37.16	2.00	Shutdown/Off/Pre heat/Normal(ON)/ Shutdown
	Min	7.96	0.00	0.00	693.68	500.90	4.99	18.08	36.41	-13.67	19.79	7.57	7.23	6.40	14.54	14.18	0.00	
	Max	20.37	89.62	149.05	1041.46	1098.12	5.39	50.43	51.71	30.46	38.64	8.93	8.10	6.94	40.26	40.27	3.00	
1/3/2025	Average	20.09	0.00	1.54	434.09	234.66	6.22	19.67	21.41	1.74	11.53	8.79	7.59	6.62	3.43	3.43	0.21	Shutdown/Off
	Min	13.90	0.00	0.00	197.63	94.23	5.00	16.73	15.85	-1.61	4.91	7.74	7.50	6.60	0.03	0.00	0.00	
	Max	20.41	0.00	76.02	1003.42	1061.44	6.70	25.71	47.19	29.73	31.91	9.00	7.71	6.81	38.90	39.61	3.00	
1/4/2025	Average	19.35	0.00	2.63	144.54	156.02	6.44	18.66	20.30	1.64	12.09	8.44	7.68	6.54	1.25	1.16	0.00	Off/Preheat
	Min	8.84	0.00	0.00	87.86	43.33	5.35	14.27	13.80	-1.94	4.20	8.13	7.50	6.50	0.01	0.00	0.00	
	Max	20.42	0.00	37.93	412.30	951.11	6.70	24.52	37.22	21.74	21.16	8.79	7.70	6.81	28.10	26.64	0.00	
1/5/2025	Average	13.06	0.91	24.79	891.66	995.32	5.04	25.27	47.52	22.25	34.71	8.00	7.58	6.56	37.14	37.06	2.54	Preheat/Normal(O n)/Shutdown/Off
	Min	7.16	0.00	0.00	413.99	407.33	4.92	13.93	22.35	1.45	8.12	7.62	7.34	6.40	1.07	0.97	0.00	
	Max	20.39	385.08	123.90	1062.38	1087.67	5.55	30.76	50.46	32.78	39.20	8.84	8.10	6.98	40.33	40.13	4.00	
1/6/2025	Average	19.70	0.00	2.36	322.32	246.54	5.91	11.10	11.65	0.55	0.63	9.18	7.97	6.98	0.72	0.68	0.00	Off/Preheat
	Min	10.58	0.00	0.00	173.87	86.80	5.32	9.28	9.14	-0.21	-1.47	8.48	7.79	6.91	0.00	0.00	0.00	
	Max	20.40	0.00	44.05	660.15	914.14	6.00	20.89	24.16	13.26	10.44	9.30	8.00	7.00	20.90	20.62	0.00	
1/7/2025	Average	12.33	2.76	55.25	941.20	1050.85	5.01	27.11	48.45	21.34	35.64	8.08	7.81	6.54	39.05	39.10	3.72	Preheat/Normal(O N)/Shutdown
	Min	7.45	0.00	0.25	405.41	915.49	4.89	10.93	24.37	13.44	10.62	7.29	6.91	6.40	21.12	20.84	0.00	
	Max	15.67	721.05	274.32	1121.72	1087.90	5.32	32.86	51.26	29.80	39.09	9.20	8.11	7.00	40.33	40.30	10.00	
1/8/2025	Average	20.03	0.00	1.93	410.82	191.60	5.93	14.45	17.08	2.63	4.73	9.25	7.92	6.99	3.06	3.06	0.41	Shutdown/Off
	Min	11.50	0.00	0.00	120.05	41.11	4.99	10.08	10.12	-1.32	-4.12	8.12	7.90	6.68	0.00	0.00	0.00	
	Max	20.41	0.00	95.00	1004.90	1061.76	6.31	23.48	48.26	29.71	29.91	9.40	8.06	7.00	39.02	39.19	7.00	
1/9/2025	Average	15.13	0.01	41.24	387.69	581.40	5.53	17.88	23.54	5.66	14.50	8.62	8.27	6.77	21.20	0.00	0.52	Off/Preheat/Norm al(On)
	Min	9.70	0.00	0.00	65.44	28.89	4.87	9.07	9.44	0.16	-2.23	5.67	7.62	6.50	0.00	0.00	0.00	
	Max	20.42	11.72	109.22	912.82	1079.78	6.31	35.54	52.14	23.33	39.58	9.35	9.47	6.98	39.52	0.00	4.00	
1/10/2025	Average	13.78	0.72	48.87	792.29	974.04	5.06	27.51	48.49	20.98	30.30	7.80	7.91	6.51	35.65	0.00	2.45	Normal(On)/Shutd own/Off/Preheat
	Min	9.20	0.00	0.00	555.85	395.37	4.95	14.48	40.03	1.17	18.08	7.18	7.48	6.40	17.53	0.00	0.00	
	Max	20.37	212.26	133.60	975.23	1071.44	5.30	39.30	53.69	35.58	40.44	8.91	8.64	6.74	40.93	0.00	7.00	
1/11/2025	Average	13.36	0.97	45.62	792.71	1001.50	5.09	25.81	45.64	19.83	29.43	7.69	7.81	6.52	35.11	0.00	3.33	Preheat/Normal(ON)/ Shutdown/Off/Prehea t/Normal(ON)
	Min	9.00	0.00	0.00	575.60	387.98	4.98	16.20	24.58	1.10	11.43	7.37	7.42	6.40	5.84	0.00	0.00	
	Max	20.39	723.31	219.05	893.56	1152.47	5.68	36.09	51.83	28.00	38.41	8.07	8.33	6.74	40.37	0.00	8.00	
1/12/2025	Average	13.30	0.53	47.33	923.79	1020.83	5.04	26.68	47.71	21.02	31.82	7.41	7.65	6.50	35.98	0.00	3.19	Normal(ON)/Shutdow n/Off/Preheat/Normal (ON)
	Min	9.03	0.00	0.00	692.14	429.33	5.00	15.83	31.44	7.28	13.91	7.09	7.22	6.44	9.54	0.00	0.00	
	Max	20.41	624.69	128.46	1021.94	1160.02	5.29	33.58	51.74	34.03	38.41	7.78	7.90	6.63	40.02	0.00	6.00	
1/13/2025	Average	13.92	0.17	62.28	779.34	887.28	5.18	25.44	43.62	18.18	27.91	8.15	8.22	6.50	30.60	0.00	3.66	Normal(ON)/Shutdow n/Off/Preheat/Normal (ON)/Shutdown
	Min	11.50	0.00	0.00	457.87	211.29	4.99	14.89	22.70	-1.87	13.07	7.33	7.53	6.42	0.04	0.00	0.00	
	Max	20.39	173.94	121.40	1001.85	1085.72	5.90	37.22	49.95	31.98	35.79	9.40	8.99	6.60	40.81	0.00	8.00	
1/14/2025	Average	12.24	0.46	66.09	918.42	1014.77	5.01	27.36	45.28	17.92	29.54	7.70	7.96	6.46	36.32	0.00	3.73	Shutdown/Off/Prehea t/Normal(ON)/Shutdo wn
	Min	9.26	0.00	19.77	549.51	372.04	4.95	12.22	30.12	-21.15	13.76	7.24	7.47	6.40	11.17	0.00	0.00	
	Max	13.78	346.63	159.00	1069.94	1134.17	5.21	51.29	52.22	40.00	33.89	9.38	8.80	6.60	39.91	0.00	7.00	
1/15/2025	Average	13.66	0.00	36.48	928.42	1024.78	5.01	27.87	44.73	16.86	28.86	7.59	8.00	6.46	36.31	0.00	4.72	Shutdown/Off/Prehea t/Normal(ON)/Shutdo wn
	Min	10.09	0.00	0.00	630.01	446.74	4.79	16.73	35.00	-10.17	14.68	7.19	7.60	6.40	15.39	0.00	0.00	
	Max	20.37	0.80	164.16	1051.36	1085.28	5.31	45.19	47.45	29.48	35.35	8.86	8.94	6.63	40.61	0.00	9.00	
1/16/2025	Average	13.24	0.58	45.46	917.45	1023.63	4.99	27.61	44.79	17.18	29.27	7.62	7.96	6.46	36.43	0.00	2.88	Shutdown/Off/Prehea t/Normal(ON)/Shutdo wn
	Min	8.57	0.00	0.00	618.70	446.76	4.86	11.79	32.44	-19.63	13.69	7.22	7.64	6.40	12.22	0.00	0.00	
	Max	20.37	219.40	275.33	1054.86	1115.02	5.07	52.39	52.65	40.50	34.45	8.47	8.83	6.52	40.75	0.00	8.00	
1/17/2025	Average	13.10	0.72	45.91	907.71	1014.42	5.05	28.18	45.18	17.00	30.90	7.64	7.89	6.46	36.41	0.00	3.18	Shutdown/Off/Prehea t/Normal(ON)/Shutdo wn
	Min	9.41	0.00	0.00	636.32	397.97	4.99	13.52	31.80	-16.88	16.43	7.32	7.58	6.40	12.89	0.00	0.00	
	Max	20.39	429.03	173.79	995.84	1110.56	5.42	48.91	48.66	35.13	36.00	8.76	8.48	6.56	40.90	0.00	7.00	
1/18/2025	Average	13.19	1.30	55.94	860.78	991.77	5.05	24.02	41.53	17.51	27.64	7.95	7.88	6.48	36.18	0.00	2.21	Shutdown/Off/Prehea t/Normal(ON)
	Min	8.41	0.00	0.00	534.23	344.94	4.98	12.88	17.20	-16.88	13.33	7.32	7.57	6.40	8.41	0.00	0.00	
	Max	20.41	570.07	173.79	1011.66	1110.56	5.42	48.91	50.43	36.12	36.00	8.87	8.48	6.87	40.90	0.00	7.00	



January 2025 Incineration Averages and Ranges

TheDate		OX6min	COmin	NOXmin	PrimTemp°C	SecTemp°C	SNCR	DemTemp°C	CarbTemp°C	DiffTemp°C	IDFanTemp°C	QuenchPH	CondPH	AtomPH	AtomA	AtomB	HEPADP	OpMode
1/19/2025	Average	13.38	1.58	56.44	900.12	1032.50	5.00	24.63	46.31	21.68	30.75	7.91	7.92	6.45	39.51	0.00	4.86	Normal(ON)Shutdown /Off/Preheat/Normal(ON)
	Min	8.50	0.00	0.00	622.47	443.09	4.80	14.85	39.88	6.40	22.10	7.61	7.58	6.40	26.11	0.00	0.00	
	Max	20.37	997.62	135.98	1040.18	1137.23	5.21	33.51	50.15	32.53	35.29	8.97	9.21	6.59	40.83	0.00	9.00	
1/20/2025	Average	14.43	0.84	59.57	480.56	428.56	5.90	34.78	25.64	-9.14	9.94	8.47	7.68	6.81	11.55	0.00	1.18	Normal(ON)Shutdown /Off/Preheat
	Min	10.06	0.00	0.00	193.68	85.78	4.99	13.06	10.97	-48.12	-4.79	7.71	7.48	6.50	0.00	0.00	0.00	
	Max	20.39	707.01	95.00	905.83	1085.70	6.59	63.73	48.37	34.06	34.55	9.05	9.78	6.92	39.66	0.00	6.00	
1/21/2025	Average	11.87	0.38	77.80	809.65	990.72	5.10	26.06	44.80	18.74	27.59	9.53	9.74	6.54	36.12	0.00	3.50	Preheat/Normal(ON)S hutdown/Off/Preheat/ Normal(ON)
	Min	9.32	0.00	8.72	406.45	372.33	4.90	15.07	29.87	-11.94	11.73	8.37	9.04	6.40	15.40	0.00	0.00	
	Max	15.62	283.55	95.00	1001.29	1096.52	5.51	46.29	49.60	31.06	34.38	10.74	10.71	6.91	40.09	0.00	8.00	
1/22/2025	Average	11.50	0.00	95.00	743.84	821.54	5.38	28.52	42.90	14.38	23.42	9.83	9.71	6.48	28.70	0.00	3.37	Normal(ON)Shutdown /Off/Preheat/Normal(ON)
	Min	11.50	0.00	95.00	426.12	101.63	4.97	13.53	18.36	-23.56	1.89	8.67	9.22	6.40	0.01	0.00	0.00	
	Max	11.50	0.00	95.00	993.77	1126.90	5.87	61.08	53.54	36.46	39.56	11.16	10.50	6.59	40.65	0.00	10.00	
1/23/2025	Average	11.57	0.00	86.22	864.61	973.07	5.21	30.30	45.17	14.87	28.53	9.36	9.56	6.54	35.32	0.00	3.11	Normal(ON)Shutdown /Off/Preheat/Normal(ON)
	Min	9.52	0.00	10.25	553.38	231.50	4.99	15.00	24.86	-39.75	7.79	7.97	8.81	6.46	1.82	0.00	0.00	
	Max	13.64	0.00	152.91	1027.30	1098.84	5.85	64.72	53.14	34.61	39.22	10.71	10.15	6.66	40.77	0.00	7.00	
1/24/2025	Average	14.33	0.13	36.63	824.08	970.70	5.06	29.81	45.14	15.33	26.18	9.72	9.49	6.57	34.04	0.00	4.01	Normal(ON)Shutdown /Off/Preheat/Normal(ON)
	Min	8.45	0.00	0.00	593.56	419.32	4.95	15.85	31.89	-23.50	10.88	8.00	8.78	6.47	10.61	0.00	0.00	
	Max	20.37	127.16	121.01	953.02	1085.19	5.37	55.40	49.36	32.98	34.41	10.99	10.14	6.82	40.42	0.00	8.00	
1/25/2025	Average	13.82	0.36	56.64	800.82	979.03	5.05	26.63	46.95	20.32	28.49	9.64	9.15	6.54	36.04	0.00	5.06	Normal(ON)Shutdown /Off/Preheat/Normal(ON)
	Min	9.81	0.00	0.00	536.82	326.43	4.99	13.71	31.71	-17.23	13.57	7.59	8.31	6.43	8.76	0.00	0.00	
	Max	20.37	240.43	135.23	941.07	1100.56	5.39	49.02	51.22	37.45	34.44	11.11	9.94	6.67	40.79	0.00	10.00	
1/26/2025	Average	15.69	0.94	40.18	768.23	793.39	5.13	24.46	40.56	16.10	23.64	10.00	9.61	6.63	26.91	0.00	2.23	Normal(ON)Shutdown /Off/Preheat/Normal(ON)/Shutdown/Off
	Min	9.20	0.00	0.00	385.02	102.79	4.99	14.90	17.06	-10.67	3.92	7.63	8.35	6.40	0.06	0.00	0.00	
	Max	20.39	668.42	117.51	986.13	1085.04	5.65	45.56	50.77	35.82	34.28	11.68	11.13	7.00	40.38	0.00	7.00	
1/27/2025	Average	19.33	0.65	4.82	159.58	167.32	5.76	17.18	17.30	0.12	11.08	11.34	10.60	6.41	2.63	0.00	0.00	Off/Preheat
	Min	12.19	0.00	0.00	70.63	38.96	4.96	12.51	11.89	-0.75	2.78	8.72	8.50	6.40	0.00	0.00	0.00	
	Max	20.41	114.80	42.90	388.91	809.71	6.09	26.85	26.64	2.66	17.16	12.46	11.12	6.57	33.67	0.00	0.00	
1/28/2025	Average	12.56	0.00	50.22	711.85	995.08	5.03	22.94	35.35	12.40	25.22	8.26	8.17	6.59	38.90	0.00	2.60	Preheat/Normal(ON)
	Min	9.55	0.00	15.10	390.79	810.21	4.96	15.00	17.97	2.67	15.94	7.40	7.60	6.40	33.43	0.00	0.00	
	Max	13.85	1.01	173.96	954.61	1086.96	5.21	33.89	52.01	23.89	35.88	8.90	8.61	7.00	39.96	0.00	9.00	
1/29/2025	Average	13.38	0.23	31.21	721.19	973.25	4.87	24.52	48.44	23.93	29.37	9.30	9.37	6.65	33.16	0.00	2.99	Normal(ON)/Shutdow n/OffPreheat/Normal(ON)
	Min	9.78	0.00	-0.09	535.67	362.32	4.00	10.42	35.72	-33.42	19.50	7.90	8.34	6.40	1.71	0.00	0.00	
	Max	20.37	219.33	137.32	969.93	1082.60	5.85	69.92	54.35	41.55	34.45	10.24	10.40	7.00	41.29	0.00	10.00	
1/30/2025	Average	14.89	0.18	37.09	840.24	942.70	5.07	26.91	45.15	18.24	26.29	9.31	9.88	6.48	33.00	0.00	4.57	Normal(ON)/Shutdow n/OffPreheat
	Min	9.27	0.00	-1.10	586.96	342.69	4.87	13.19	32.58	-17.78	11.06	8.33	9.60	6.40	9.34	0.00	0.00	
	Max	20.37	164.59	111.64	995.96	1097.17	5.60	51.26	51.67	38.07	35.02	10.45	10.26	6.60	40.26	0.00	10.00	
1/31/2025	Average	13.80	1.28	43.29	745.97	941.39	5.10	23.26	43.63	20.37	27.42	9.45	9.87	6.51	31.58	0.00	3.13	Preheat/Normal(ON)/ Shutdown/Off/Prehea t/Normal(ON)
	Min	7.87	0.00	-1.10	524.87	351.34	5.00	13.95	17.09	-9.90	11.89	7.96	9.45	6.40	2.91	0.00	0.00	
	Max	20.41	577.83	127.52	961.77	1090.14	5.56	45.41	50.18	34.59	35.05	10.67	10.60	6.63	40.30	0.00	10.00	



January 2025 Incineration Feed Log

TheDate	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	DailySum	Monthly Sum	
01-Jan-25	509.80	501.30	473.10	501.60	443.40	503.60	347.40	296.20	558.90	566.00	509.20	406.90	528.00	218.50	604.00	563.10	570.00	551.60	359.80	624.40	363.20	0.00	0.00	0.00	10000.0	202251.7	
02-Jan-25	0.00	0.00	0.00	624.00	622.60	621.60	544.40	505.90	556.00	604.50	610.60	610.60	613.10	619.40	600.70	604.20	619.50	572.00	560.70	510.20	0.00	0.00	0.00	0.00	10000.0		
03-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
04-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
05-Jan-25	573.40	571.20	571.20	571.60	574.80	571.30	570.20	575.00	562.40	575.90	541.90	560.80	431.30	303.90	565.30	593.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		8713.8
06-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
07-Jan-25	555.20	552.90	554.00	553.60	557.10	550.20	547.80	128.30	557.30	601.30	634.40	0.00	561.20	551.20	568.10	551.80	587.60	553.40	562.80	271.80	0.00	0.00	0.00	0.00	10000.0		
08-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
09-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224.40	407.80	55.90	453.40	566.40	520.20	551.30	557.40	551.20	553.00	569.40	5010.4		
10-Jan-25	602.10	0.00	0.00	0.00	0.00	0.00	0.00	250.30	557.30	610.80	613.80	611.50	620.60	605.60	0.00	0.00	279.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4751.6
11-Jan-25	600.20	600.20	600.70	600.20	601.80	600.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	611.50	553.00	522.40	546.80	614.70	511.30	625.80	620.90	620.30	631.10	536.50	9998.0		
12-Jan-25	629.60	635.10	633.10	638.50	630.00	0.00	0.00	0.00	0.00	0.00	0.00	613.10	553.30	554.40	552.10	562.80	554.50	517.90	511.50	665.80	660.50	664.20	423.60	0.00	10000.0		
13-Jan-25	616.60	447.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	562.40	0.00	551.10	541.20	558.60	553.50	611.80	604.00	604.60	623.10	628.00	6902.4		
14-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	552.20	606.20	604.00	603.80	611.30	602.20	603.80	605.30	601.70	613.90	559.30	512.80	600.80	605.40	601.30	615.60	500.40	10000.0		
15-Jan-25	0.00	0.00	0.00	0.00	501.70	0.00	0.00	419.70	606.30	632.20	606.40	620.60	608.40	611.40	604.10	559.20	564.80	564.70	564.90	601.00	603.00	608.00	402.10	321.50	10000.0		
16-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	302.80	501.00	512.50	620.40	600.00	602.60	588.70	584.70	608.20	504.60	638.50	0.00	615.80	664.80	660.20	656.00	653.60	653.20	9967.6		
17-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	654.90	0.00	604.20	632.30	638.50	621.40	629.10	654.00	642.00	603.40	608.30	493.50	519.40	605.70	603.10	638.50	623.30	228.40	10000.0		
18-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	606.30	200.70	565.60	553.80	474.70	559.90	567.10	424.60	567.10	570.00	562.70	568.30	585.60	657.10	653.40	652.40	652.10	574.50	9995.9		
19-Jan-25	624.80	600.00	603.40	604.40	603.40	600.20	376.90	562.20	575.40	567.00	585.30	396.80	201.20	0.00	255.40	0.00	0.00	0.00	0.00	614.20	617.40	613.80	605.10	393.10	10000.0		
20-Jan-25	161.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161.7		
21-Jan-25	522.90	519.50	501.20	500.60	354.90	504.30	608.80	0.00	507.30	507.80	0.00	0.00	0.00	0.00	0.00	513.60	604.50	600.20	602.10	605.30	612.80	652.00	651.90	630.30	10000.0		
22-Jan-25	507.70	503.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	312.10	513.20	0.00	0.00	304.50	557.50	602.80	396.10	605.80	613.40	640.00	650.00	6206.1		
23-Jan-25	615.10	605.40	603.40	612.60	614.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	631.60	0.00	652.30	652.90	653.30	0.00	0.00	313.70	607.50	607.60	606.70	604.00	8380.9		
24-Jan-25	579.50	0.00	0.00	0.00	0.00	0.00	0.00	624.30	627.50	624.40	622.10	622.00	628.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	479.30	600.60	606.40	601.00	6615.7		
25-Jan-25	419.40	424.30	603.10	600.10	600.80	604.60	604.90	0.00	0.00	0.00	0.00	0.00	0.00	615.40	0.00	0.00	0.00	606.90	620.90	620.90	607.40	604.90	608.00	609.20	8750.8		
26-Jan-25	621.00	625.50	0.00	0.00	0.00	0.00	0.00	557.20	556.90	602.30	601.40	0.00	0.00	0.00	0.00	0.00	0.00	604.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4168.8
27-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
28-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	622.50	622.50	601.40	612.50	615.20	620.10	613.10	623.90	603.00	0.00	0.00	0.00	0.00	0.00	5534.2		
29-Jan-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	338.10	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	605.80	600.30	604.30	604.10	2755.3		
30-Jan-25	601.70	602.60	603.00	0.00	455.90	0.00	0.00	0.00	0.00	14.20	625.90	631.30	605.60	602.00	663.00	604.40	601.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		6611.5
31-Jan-25	606.00	604.20	609.00	603.70	611.50	602.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	545.10	0.00	506.10	601.90	602.20	604.70	626.00	603.70	7727.0		

January 2025 CEM Calibration Log

[illegible]

Carbon Monoxide > 8ppm 4 hour alarm



Carbon Monoxide > 8ppm 4 hour alarm

	Start	Stop		Op.	Stack CO	Stack CO		Actions
Date	Time	Time	Duration	Mode	@ 11% O2	as mg/m ³	Explanation	Taken
1/7/2025	15:01	20:00	04:59	Normal	17.2	19.8	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed until the CO level returned to the normal operating range.
1/19/2025	12:00	15:00	03:00	Shutdown	12.6	14.5	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed, the incinerator was brought to a controlled shutdown.
1/20/2025	3:00	5:00	02:00	Shutdown	10.1	11.7	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed, the incinerator was brought to a controlled shutdown.

Secondary Chamber Temperature < 1000°C

Date	Start Time	Stop Time	Duration	Op. Mode	Temp. °C	Explanation	Actions Taken
1/10/2025	14:32	15:53	01:21	Shutdown	943	Low upper chamber temperatures were caused by a malfunction of the upper chamber burner.	No waste was fed and the incinerator was brought to a controlled shutdown.
1/30/2025	18:45	19:19	00:34	Shutdown	992	Low upper chamber temperatures were the result of an incorrect flame port air setting.	The flame port air set point was corrected. No waste was fed and the incinerator was brought to a controlled shutdown.

Atomizer Amps < 36

	Start	Stop		Op.	Atom. A	Atom. B		Action
Date	Time	Time	Duration	Mode	amps	amps	Explanation	Taken
1/26/2025	13:35:00	16:58:00	3:23:00	Shutdown	31.5		Due to a local power outage, the APC system was brought to a controlled shutdown	No waste was fed during this time. The incinerator was brought to a controlled shutdown



Febraury 2025 Incineration Averages and Ranges

TheDate		OX6min	COmin	NOXmin	PrimTemp°C	SecTemp°C	SNCR	DemTemp°C	CarbTemp°C	DiffTemp°C	IDFanTemp°C	QuenchPH	CondPH	AtomPH	AtomA	AtomB	HEPADP	OpMode
2/1/2025	Average	13.90	2.75	53.27	880.98	988.55	4.86	27.35	47.00	19.65	27.80	8.81	9.58	6.52	36.38	0.00	5.01	Normal(ON)/Shutdow n/Off/Preheat/Norma l(ON)/Shutdown
	Min	8.42	0.00	0.00	538.42	333.98	4.39	12.77	28.97	-20.37	8.49	7.91	9.30	6.40	10.83	0.00	0.00	
	Max	20.37	851.86	143.54	1044.38	1083.80	5.10	49.41	51.82	38.98	36.06	10.35	10.07	6.68	42.80	0.00	10.00	
2/2/2025	Average	14.22	2.57	35.55	795.93	941.95	5.08	30.99	45.64	14.66	26.18	9.05	9.68	6.45	32.54	0.00	4.16	Shutdown/Off/Preheat/No rmal(ON)/Shutdown/Off/P reheat/Normal(ON)
	Min	6.96	0.00	0.00	548.33	333.13	4.80	13.34	31.84	-17.62	9.63	6.87	9.10	6.33	11.25	0.00	0.00	
	Max	20.39	683.02	95.76	994.23	1085.10	5.54	51.78	51.65	38.05	37.42	10.44	10.15	6.53	39.89	0.03	10.00	
2/3/2025	Average	16.81	0.71	27.26	662.16	669.38	5.39	26.85	38.29	11.44	25.25	8.96	9.63	6.63	18.16	0.00	1.95	Normal(ON)/Shutdown/Of f/Preheat/Normal(ON)/Sh utdown/Off
	Min	9.24	0.00	0.00	329.86	168.54	5.00	12.54	23.33	-15.72	14.75	7.93	9.10	6.40	0.10	0.00	0.00	
	Max	20.41	233.68	129.24	912.94	1071.33	6.19	50.87	51.84	39.10	36.67	9.90	9.90	7.04	39.18	0.00	8.00	
2/4/2025	Average	20.25	0.00	0.00	211.40	95.19	6.41	17.06	18.72	1.66	14.52	9.76	9.90	6.47	0.06	0.00	0.00	Off
	Min	20.12	0.00	0.00	119.04	53.34	6.19	13.94	16.43	0.67	10.18	8.72	9.90	6.34	0.02	0.00	0.00	
	Max	20.42	0.00	0.00	329.55	168.31	6.50	21.59	23.32	3.11	20.83	11.64	9.90	6.85	0.10	0.00	0.00	
2/5/2025	Average	12.03	2.91	43.33	784.37	1025.63	5.00	25.19	43.00	17.81	30.96	8.99	9.78	6.41	39.52	0.00	1.58	Preheat/Normal(ON)
	Min	9.57	0.00	14.96	437.22	870.56	4.95	13.38	30.38	12.04	22.05	7.40	8.79	6.40	39.17	0.00	0.00	
	Max	13.73	665.83	169.63	1001.08	1088.89	5.10	34.45	50.33	32.41	37.57	10.28	11.20	6.50	42.46	0.00	4.00	
2/6/2025	Average	13.45	0.37	38.76	892.02	978.16	5.05	29.35	44.14	14.79	29.11	8.60	9.23	6.45	35.66	0.00	3.29	Normal(ON)/Shutdown/Of f/Preheat/Normal(ON)
	Min	9.71	0.00	-8.80	528.71	296.24	4.99	14.89	29.56	-20.52	10.63	7.94	8.82	6.40	7.17	0.00	0.00	
	Max	20.37	244.72	101.63	1060.58	1100.87	5.35	50.87	49.21	32.25	35.73	10.01	10.31	6.53	40.25	0.00	9.00	
2/7/2025	Average	13.63	1.04	32.77	948.68	1004.71	5.07	30.88	46.09	15.21	31.52	8.82	9.33	7.05	35.81	0.00	4.45	Normal(ON)/Shutdown/Of f/Preheat/Normal(ON)/Sh utdown
	Min	8.75	0.00	-9.90	609.84	390.86	4.99	16.54	39.62	-14.79	21.65	7.85	8.75	6.48	7.33	0.00	0.00	
	Max	20.37	305.04	153.71	1107.27	1098.86	5.54	54.87	50.92	28.75	36.97	10.64	10.12	7.41	39.98	0.00	9.00	
2/8/2025	Average	17.63	7.45	16.50	517.36	418.68	5.79	17.73	24.58	6.85	12.51	10.52	9.80	6.90	14.82	0.00	1.16	Shutdown/Off/Preheat
	Min	7.80	0.00	0.00	242.70	40.07	4.99	11.33	12.06	-10.01	-0.47	8.21	8.96	6.80	0.09	0.00	0.00	
	Max	20.41	717.19	79.38	1028.67	1067.92	6.41	31.09	50.60	30.10	35.06	11.59	11.40	7.24	40.32	0.00	7.00	
2/9/2025	Average	13.59	1.15	47.64	842.62	1003.36	5.03	27.19	46.21	19.02	31.03	8.89	9.11	7.01	35.88	0.00	4.16	Preheat/Normal(ON)/Shut down/Off/Preheat/Normal (ON)
	Min	9.17	0.00	-5.50	539.76	388.57	5.00	16.62	24.50	0.40	14.02	7.89	8.60	6.81	3.78	0.00	0.00	
	Max	20.37	480.33	114.22	1028.33	1131.53	5.27	33.81	51.78	29.33	37.86	10.66	10.24	7.25	42.72	0.00	9.00	
2/10/2025	Average	13.53	1.39	51.18	981.91	1018.68	5.06	32.30	46.56	14.26	32.50	7.70	8.11	6.83	36.25	0.00	3.81	Normal(ON)/Shutdown/Of f/Preheat/Normal(ON)/Sh utdown
	Min	8.32	0.00	0.00	677.13	436.14	4.90	22.94	30.40	-29.85	15.05	7.00	7.49	6.80	5.93	0.00	0.00	
	Max	20.40	743.06	136.59	1090.27	1141.90	5.63	60.61	50.90	25.02	36.64	8.43	9.12	6.90	40.53	0.00	6.00	
2/11/2025	Average	14.92	0.15	34.50	871.74	899.00	5.08	26.50	42.14	15.64	28.75	9.32	9.08	6.77	24.51	0.00	1.88	Shutdown/Off/Preheat/No rmal(ON)/Shutdown/Off
	Min	10.27	0.00	-5.50	543.64	90.24	4.91	15.23	21.53	-14.51	15.64	7.98	8.21	6.70	0.10	0.00	0.00	
	Max	20.37	145.88	101.18	1044.32	1090.56	5.55	46.09	51.03	34.85	36.15	10.85	9.88	6.80	40.45	0.00	4.00	
2/12/2025	Average	20.25	0.00	0.00	227.04	47.04	6.12	18.05	19.69	1.64	16.00	11.74	8.92	6.78	0.04	0.00	0.00	Off
	Min	20.08	0.00	0.00	70.04	32.18	5.55	16.62	18.32	1.33	14.80	10.61	8.84	6.70	0.00	0.00	0.00	
	Max	20.42	0.00	0.00	542.86	99.72	6.29	19.37	21.53	3.46	19.93	13.36	9.00	6.80	0.10	0.00	0.00	
2/13/2025	Average	19.89	0.05	1.64	65.35	109.30	6.00	15.73	16.99	1.27	13.76	13.63	9.37	6.79	0.63	0.00	0.00	Off/Preheat
	Min	10.83	0.00	-3.30	35.21	20.43	4.92	11.60	12.53	0.63	3.65	13.02	9.00	6.71	0.00	0.00	0.00	
	Max	20.40	17.12	40.55	298.36	758.43	6.25	17.33	18.77	1.65	15.93	13.72	13.42	6.80	12.04	0.00	0.00	
2/14/2025	Average	12.29	2.59	40.36	840.91	1023.20	5.01	26.03	43.55	17.52	30.55	8.66	8.32	7.22	39.18	0.00	3.34	Preheat/Normal(ON)/Shut down
	Min	7.20	0.00	8.15	299.36	759.17	4.97	12.02	13.03	1.00	4.62	7.93	7.62	6.72	12.27	0.00	0.00	
	Max	15.05	691.13	206.58	1044.92	1088.87	5.06	32.81	50.70	33.60	36.78	13.00	12.99	7.47	41.10	0.00	9.00	
2/15/2025	Average	13.31	0.83	36.02	986.78	1029.07	5.02	27.14	48.73	21.59	32.05	8.59	8.01	7.18	37.69	0.00	4.34	Shutdown/Off/Preheat/No rmal(ON)/Shutdown
	Min	8.46	0.00	0.00	622.25	512.63	4.93	11.64	30.50	3.00	12.84	8.00	7.52	6.86	10.77	0.00	0.00	
	Max	20.37	512.91	105.26	1103.04	1095.69	5.26	30.40	53.58	41.64	36.06	10.83	8.76	7.59	40.53	0.00	8.00	
2/16/2025	Average	14.80	0.53	36.25	1021.11	1037.89	5.07	28.87	47.63	18.77	30.52	8.38	8.17	7.28	37.55	0.00	4.55	Shutdown/Off/Preheat/No rmal(ON)/Shutdown
	Min	10.72	0.00	-4.40	694.03	515.13	4.99	12.94	33.61	-10.70	14.13	7.41	7.78	7.03	13.81	0.00	0.00	
	Max	20.37	512.91	105.26	1103.04	1142.36	5.28	44.35	53.58	41.64	36.06	10.83	9.19	7.59	40.74	0.00	7.00	
2/17/2025	Average	13.11	0.38	33.80	1036.48	1032.10	5.16	31.40	47.63	16.23	33.00	8.09	7.92	7.34	36.84	0.00	3.10	Shutdown/Off/Preheat/No rmal(ON)/Shutdown
	Min	8.71	0.00	0.00	668.24	501.18	4.88	15.63	33.96	-13.68	15.66	7.62	7.50	6.99	15.07	0.00	0.00	
	Max	20.37	160.35	76.10	1173.00	1133.97	5.59	47.65	51.82	33.57	39.15	8.40	8.42	7.76	40.47	0.00	5.00	
2/18/2025	Average	15.37	0.05	31.38	719.69	720.75	5.39	20.54	34.38	13.85	21.62	10.51	8.16	7.18	23.39	0.00	0.98	Shutdown/Off/Preheat/No rmal(ON)
	Min	9.37	0.00	0.00	358.72	130.20	4.95	11.52	11.73	-1.88	-2.60	8.12	7.67	6.90	0.04	0.00	0.00	
	Max	20.41	46.98	133.04	1127.93	1095.19	6.05	37.36	52.67	32.10	40.68	13.58	9.08	7.47	39.90	0.00	5.00	



Febraury 2025 Incineration Averages and Ranges

	TheDate	OX6min	COmin	NOXmin	PrimTemp°C	SecTemp°C	SNCR	DemTemp°C	CarbTemp°C	DiffTemp°C	IDFanTemp°C	QuenchPH	CondPH	AtomPH	AtomA	AtomB	HEPADP	OpMode
2/19/2025	Average	13.33	1.85	39.58	1048.10	1039.66	5.21	34.30	49.84	15.54	37.47	8.26	8.63	7.04	39.12	0.00	2.26	Normal(ON)/Shutdown/Of f/Preheat
	Min	10.78	0.00	0.00	804.11	499.20	4.99	22.49	32.08	-9.60	22.07	7.76	8.20	6.93	16.49	0.00	1.00	
	Max	20.37	656.78	117.06	1102.37	1113.90	5.59	41.68	52.90	24.77	40.58	9.83	9.82	7.32	40.56	0.00	3.00	
2/20/2025	Average	13.19	0.01	40.75	974.44	1023.58	5.20	33.32	44.94	11.61	33.02	8.62	8.22	6.90	36.00	0.00	1.35	Preheat/tNormal(ON)/Shut down/Off/Preheat
	Min	10.51	0.00	0.00	714.34	423.29	4.90	24.94	24.77	-25.38	13.96	8.17	7.81	6.84	8.13	0.00	0.00	
	Max	20.37	20.90	154.03	1090.81	1086.83	5.79	50.14	49.81	20.48	39.44	10.13	9.85	6.94	40.25	0.00	2.00	
2/21/2025	Average	18.18	0.00	13.93	503.33	518.17	5.70	22.67	25.30	2.63	12.28	10.54	9.62	6.97	11.42	0.00	0.23	Preheat/Shutdown/Off
	Min	9.19	0.00	-1.10	221.87	126.89	4.99	11.93	11.89	-23.26	-3.52	8.35	8.25	6.81	0.02	0.00	0.00	
	Max	20.41	0.00	108.20	920.45	1062.40	6.22	52.54	56.91	27.05	46.95	12.24	10.63	7.17	41.47	0.00	1.00	
2/22/2025	Average	20.25	0.00	0.00	133.90	74.91	6.06	12.19	12.79	0.60	4.97	13.01	10.60	7.00	0.03	0.00	0.00	Off
	Min	20.07	0.00	0.00	80.17	45.00	5.90	10.01	10.55	-0.03	-0.85	11.68	10.60	7.00	0.00	0.00	0.00	
	Max	20.42	0.00	0.00	221.67	126.78	6.20	14.61	15.62	1.05	12.23	13.50	10.60	7.00	0.07	0.00	0.00	
2/23/2025	Average	13.82	0.31	29.91	623.25	814.46	5.29	26.12	38.02	11.89	28.96	9.85	8.75	7.07	27.93	0.00	1.05	Off/Preheat/Normal(ON)
	Min	10.03	0.00	0.00	68.27	38.89	4.97	12.27	13.07	0.67	5.96	7.93	7.70	7.00	0.03	0.00	0.00	
	Max	20.39	257.32	123.94	1059.02	1109.18	5.90	40.67	53.38	26.20	44.22	13.60	10.61	7.24	40.34	0.00	2.00	
2/24/2025	Average	12.98	0.01	44.23	1036.49	1053.53	5.12	31.74	48.81	17.07	40.09	8.01	7.94	6.98	39.46	0.00	1.92	Normal(ON)/Shutdown/Of f
	Min	10.99	0.00	0.00	760.19	594.13	5.00	20.95	41.57	12.34	33.45	7.73	7.69	6.90	27.41	0.00	1.00	
	Max	20.37	8.18	123.11	1108.97	1107.86	5.31	35.63	50.65	25.12	42.42	9.42	8.37	7.00	39.99	0.00	2.00	
2/25/2025	Average	15.95	0.03	29.12	625.00	746.60	5.55	24.04	29.35	5.31	22.65	9.90	8.25	6.88	21.66	0.00	0.52	Off/Preheat/Normal(ON)/ Shutdown/Off
	Min	9.91	0.00	-4.40	364.01	224.67	5.00	13.36	16.70	-11.44	8.76	7.17	7.25	6.80	0.10	0.00	0.00	
	Max	20.41	25.30	178.37	933.40	1079.50	6.27	36.56	55.03	20.94	44.34	11.95	9.21	6.90	39.67	0.00	2.00	
2/26/2025	Average	17.91	0.05	9.30	384.68	430.84	5.76	17.53	23.76	6.23	15.94	11.19	9.47	6.80	10.75	0.00	0.31	Off/Preheat/Normal(ON)
	Min	8.49	0.00	-1.10	207.62	117.37	5.00	11.67	12.90	-14.43	4.54	8.00	7.85	6.80	0.05	0.00	0.00	
	Max	20.42	64.24	123.46	884.02	1070.29	6.20	38.02	53.91	27.12	43.53	13.28	11.49	6.89	40.47	0.00	2.00	
2/27/2025	Average	13.23	0.03	33.10	1001.78	1028.75	5.13	32.93	52.09	19.16	39.98	8.16	7.93	6.82	38.89	0.00	2.85	Normal(ON)/Shutdown/Of f/Preheat
	Min	10.77	0.00	0.00	732.28	414.33	5.00	24.00	36.33	-13.25	27.90	7.62	7.20	6.80	14.36	0.00	1.00	
	Max	20.37	39.69	82.72	1093.43	1109.33	5.52	49.59	54.50	25.52	43.64	10.05	9.38	6.89	41.05	0.00	4.00	
2/28/2025	Average	15.49	1.17	21.49	777.44	778.67	5.44	32.62	40.50	7.88	30.75	9.45	8.58	6.80	17.28	0.00	0.71	Preheat/Normal(ON)/Shut down/Off/Preheat
	Min	9.24	0.00	-11.34	383.96	96.61	4.90	19.85	22.42	-18.45	10.67	7.74	7.11	6.80	0.08	0.00	0.00	
	Max	20.41	491.98	191.70	1105.05	1097.93	6.47	56.29	58.52	20.22	48.33	12.19	9.86	6.81	40.05	0.00	2.00	



February 2025 Incinerator Feed Log

TheDate	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	DailySum	Monthly Sum	
01-Feb-25	613.10	0.00	0.00	0.00	0.00	0.00	0.00	554.30	208.50	259.40	604.40	604.40	615.50	582.50	609.80	553.20	608.00	613.10	583.20	620.00	0.00	0.00	0.00	0.00	0.00	7629.4	174888.3
02-Feb-25	0.00	60.90	600.50	412.00	602.00	613.10	610.60	556.10	554.90	610.50	209.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	602.60	601.00	601.50	603.80	602.30	7841.1		
03-Feb-25	604.40	0.00	0.00	0.00	0.00	0.00	0.00	237.50	606.00	603.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2051.6		
04-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
05-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	612.40	606.40	610.00	601.10	609.50	603.10	602.60	601.20	615.70	602.80	6064.8		
06-Feb-25	602.00	602.30	603.30	0.00	0.00	0.00	0.00	0.00	0.00	138.60	386.80	176.90	602.80	604.70	609.30	625.80	606.60	611.40	556.20	605.10	601.10	607.10	606.40	610.20	9756.6		
07-Feb-25	604.30	608.90	600.00	603.60	604.10	615.50	606.30	553.40	0.00	0.00	0.00	0.00	0.00	0.00	558.00	418.80	602.20	603.40	605.80	628.10	620.80	622.40	544.40	0.00	10000.0		
08-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	612.20	0.00	0.00	603.60	609.00	1824.8		
09-Feb-25	600.70	611.30	603.10	603.00	603.90	606.40	608.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	628.10	603.00	622.50	609.80	662.40	662.90	670.00	621.30	625.50	9942.8		
10-Feb-25	620.60	624.20	611.70	608.60	608.80	604.40	609.20	333.40	609.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	610.00	601.20	602.50	613.70	614.50	631.70	616.20	480.10	10000.0		
11-Feb-25	0.00	0.00	0.00	0.00	0.00	605.70	0.00	558.40	442.20	604.80	607.30	624.10	623.00	576.30	557.70	571.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5771.2		
12-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
13-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
14-Feb-25	0.00	0.00	0.00	305.20	603.10	612.40	607.70	502.70	601.50	606.90	604.20	608.20	608.70	604.70	604.90	601.10	602.20	605.80	604.60	471.20	244.90	0.00	0.00	0.00	0.00	10000.0	
15-Feb-25	0.00	0.00	0.00	605.70	605.70	602.50	605.00	554.70	562.80	567.80	524.80	574.60	601.50	481.40	565.00	569.00	501.60	579.40	343.10	603.10	552.30	0.00	0.00	0.00	0.00	10000.0	
16-Feb-25	0.00	0.00	0.00	604.70	602.20	601.30	603.30	564.70	573.90	561.30	379.40	565.60	563.80	543.50	559.40	522.80	527.50	612.80	412.20	632.80	568.80	0.00	0.00	0.00	0.00	10000.0	
17-Feb-25	0.00	0.00	0.00	611.30	602.50	610.40	600.00	584.80	561.90	557.00	339.60	503.40	537.60	0.00	153.00	503.40	510.00	529.80	226.20	600.40	600.20	602.60	610.20	155.70	10000.0		
18-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	602.90	605.60	603.10	603.30	610.80	601.90	635.70	4263.3		
19-Feb-25	613.10	607.10	603.10	608.10	603.20	613.70	610.10	323.80	606.70	601.20	618.50	625.20	507.80	616.50	607.60	99.50	588.40	546.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
20-Feb-25	0.00	605.00	602.80	607.20	600.50	602.70	603.90	565.30	568.30	604.80	606.30	610.10	557.70	571.10	624.80	535.50	608.10	514.50	11.40	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
21-Feb-25	0.00	612.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	612.6		
22-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0		
23-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	603.90	0.00	0.00	0.00	504.00	503.50	501.40	501.30	505.50	512.30	508.90	514.80	511.20	507.60	517.60	505.40	502.30	523.90	7723.6		
24-Feb-25	502.60	507.70	505.40	507.80	506.50	503.80	503.20	515.90	505.60	504.60	502.30	500.40	510.50	570.80	585.20	593.90	618.70	615.10	440.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
25-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119.80	150.50	0.00	318.30	618.40	623.00	611.30	617.80	407.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3466.1	
26-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	466.00	250.30	108.30	603.10	609.60	604.00	607.70	3249.0		
27-Feb-25	607.80	601.20	604.30	603.60	603.30	613.00	401.40	255.40	551.10	600.80	610.90	611.20	605.80	607.20	603.10	613.20	536.50	370.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
28-Feb-25	605.80	0.00	98.50	603.10	604.20	605.70	618.10	436.30	536.90	582.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4691.4	

Carbon Monoxide > 8ppm 4 hour alarm



Carbon Monoxide > 8ppm 4 hour alarm

	Start	Stop		Op.	Stack CO	Stack CO		Actions
Date	Time	Time	Duration	Mode	@ 11% O2	as mg/m ³	Explanation	Taken
2/1/2025	4:30	6:00	01:30	Shutdown	13.2	15.2	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed, the incinerator was brought to a controlled shutdown.
2/5/2025	17:00	22:00	05:00	Normal	15.1	17.4	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed until the CO level returned to the normal operating range.
2/19/2025	12:30	17:00	04:30	Normal	10.4	12.0	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed until the CO level returned to the normal operating range.
2/28/2025	11:00	14:00	03:00	Normal	8.8	10.2	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed, the incinerator was brought to a controlled shutdown.

Secondary Chamber Temperature < 1000°C

Date	Start Time	Stop Time	Duration	Op. Mode	Temp. °C	Explanation	Actions Taken
2/3/2025	0:48	1:41	00:53	Shutdown	939	Low upper chamber temperatures were the result of an incorrect flame port air setting.	The flame port air set point was corrected. No waste was fed and the incinerator was brought to a controlled shutdown.
2/3/2025	2:17	2:57	00:40	Shutdown	945	Low upper chamber temperatures were the result of an incorrect flame port air setting.	The flame port air set point was corrected. No waste was fed and the incinerator was brought to a controlled shutdown.
2/9/2025	8:38	9:39	01:01	Shutdown	984	Low upper chamber temperatures were the result of an incorrect flame port air setting.	The flame port air set point was corrected. No waste was fed and the incinerator was brought to a controlled shutdown.

Atomizer Amps < 36

	Start	Stop		Op.	Atom. A	Atom. B		Action
Date	Time	Time	Duration	Mode	amps	amps	Explanation	Taken
2/3/2025	09:50:00	13:33:00	3:43:00	Shutdown	25.9		Low amperage was due to the shutdown of the APC system to prevent damage to the atomizer due to a leak.	No waste was fed during this time. The incinerator was brought to a controlled shutdown
2/11/2025	15:50:00	19:06:00	3:16:00	Shutdown	13.2		Low amperage was due to the shutdown of the APC system to prevent damage to the atomizer due to a leak.	No waste was fed during this time. The incinerator was brought to a controlled shutdown
2/28/2025	10:02:00	13:23:00	3:21:00	Shutdown	14.4		Low amperage was due to the shutdown of the APC system to prevent damage to the atomizer due to low oil pressure.	No waste was fed during this time. The incinerator was brought to a controlled shutdown

Differential from Demister < 10 C



Differential from Demister < 10°C

	Start	Stop		Op.	Differential Temp		Actions
Date	Time	Time	Duration	Mode	Outlet °C	Explanation	Taken
2/25/2025	19:16	21:24	02:08	Shutdown	4.6	Low differential temperature was cause by a lack of reheat steam due to a boiler malfunction.	No waste was fed at this time. The incinerator was brought to a controlled shutdown to allow for repair to the boiler.



March 2025 Incineration Averages and Ranges

TheDate		OX6min	COmin	NOXmin	PrimTemp°C	SecTemp°C	SNCR	DemTemp°C	CarbTemp°C	DiffTemp°C	IDFanTemp°C	QuenchPH	CondPH	AtomPH	AtomA	AtomB	HEPADP	OpMode
3/1/2025	Average	12.34	0.51	30.79	983.51	1054.58	4.99	33.94	51.13	17.20	39.64	8.12	7.56	6.82	38.78	0.00	2.56	Preheat/Normal(ON)/Shutdown
	Min	9.53	0.00	-1.22	427.34	930.41	4.53	18.33	33.99	14.15	21.41	7.75	7.37	6.80	19.57	0.00	0.00	
	Max	20.00	390.69	143.71	1097.55	1092.48	5.69	37.85	53.29	30.00	44.08	11.02	8.68	7.21	40.87	0.00	3.00	
3/2/2025	Average	13.57	1.14	36.75	971.27	1024.64	5.10	32.97	45.58	12.61	32.30	8.23	7.75	7.22	34.80	0.00	2.35	Shutdown/Off/Preheat/Normal(ON)/Shutdown
	Min	9.29	0.00	-3.30	584.29	425.66	4.92	25.01	14.91	-30.87	-1.25	7.46	7.40	7.09	1.57	0.00	0.00	
	Max	20.37	506.30	127.54	1104.41	1136.70	5.92	49.49	52.12	24.13	39.85	10.58	9.09	7.82	40.46	0.00	4.00	
3/3/2025	Average	13.22	1.14	41.91	1015.48	1044.04	5.04	32.82	49.45	16.62	37.27	7.87	7.47	7.14	37.06	0.00	2.50	Shutdown/Off/Preheat/Normal(ON)/Shutdown
	Min	8.10	0.00	-7.70	714.98	433.67	5.00	25.02	39.81	-0.14	22.71	7.55	7.31	7.05	21.99	0.00	0.00	
	Max	20.37	669.82	369.52	1108.47	1157.36	5.33	39.96	52.22	25.29	41.11	8.22	7.85	7.30	39.52	0.00	4.00	
3/4/2025	Average	13.24	2.35	43.43	1006.86	1041.82	5.17	34.48	49.18	14.70	36.98	8.03	7.73	6.97	35.84	0.00	2.24	Shutdown/Off/Preheat/Normal(ON)/Shutdown
	Min	8.85	0.00	-6.60	698.61	445.13	5.00	24.72	32.07	-11.57	19.58	7.43	7.34	6.90	13.40	0.00	0.00	
	Max	20.37	529.61	157.94	1116.63	1195.32	5.59	45.54	54.69	23.75	43.03	9.58	8.98	7.15	39.91	0.00	3.00	
3/5/2025	Average	13.03	2.77	45.64	981.48	1038.40	5.48	36.52	46.93	10.41	35.64	7.70	7.51	6.99	33.84	0.00	1.42	Shutdown/Off/Preheat/Normal(ON)/Shutdown/Off
	Min	9.56	0.00	-6.60	724.40	483.88	5.00	20.47	21.76	-44.12	17.11	7.39	7.14	6.90	0.10	0.00	0.00	
	Max	20.37	733.62	161.53	1095.01	1116.83	5.77	67.09	52.66	27.91	40.26	8.44	8.04	7.06	40.06	0.00	2.00	
3/6/2025	Average	13.27	2.38	33.83	1035.39	1041.38	5.11	33.50	48.27	14.76	37.23	7.67	7.41	6.94	36.77	0.00	1.62	Off/Preheat/Normal(ON)/Shutdown/Off
	Min	9.56	0.00	-8.43	724.40	483.88	5.00	20.47	21.76	-44.12	17.11	7.04	7.14	6.90	0.10	0.00	0.00	
	Max	20.37	733.62	161.53	1147.37	1145.66	5.81	67.09	53.84	27.91	44.59	8.44	8.04	7.06	40.16	0.00	2.00	
3/7/2025	Average	13.16	0.90	42.32	996.05	1029.95	5.08	29.94	45.59	15.65	35.27	7.93	7.59	6.97	35.67	0.00	0.96	Off/Preheat/Normal(ON)/Shutdown/Off
	Min	9.58	0.00	-5.50	766.98	475.10	5.00	23.76	35.22	-7.13	22.03	7.59	7.31	6.90	14.37	0.00	0.00	
	Max	20.37	440.41	214.43	1098.33	1152.26	5.62	42.43	48.81	22.82	38.49	8.89	8.41	7.21	40.14	0.00	2.00	
3/8/2025	Average	12.74	0.79	36.69	1007.24	1046.69	5.07	31.50	46.36	14.86	35.58	7.89	7.50	7.06	36.74	0.00	0.99	Off/Preheat/Normal(ON)/Shutdown/Off
	Min	9.85	0.00	-7.70	661.36	437.74	4.99	14.95	32.72	-16.80	19.61	7.46	7.20	6.99	14.47	0.00	0.00	
	Max	20.37	440.51	96.87	1113.05	1126.33	5.59	50.41	50.66	35.63	40.17	8.85	8.30	7.21	40.21	0.00	2.00	
3/9/2025	Average	13.23	1.85	27.86	1014.16	1040.63	5.19	33.62	47.01	13.39	35.65	7.80	7.51	6.90	36.30	0.00	1.44	Off/Preheat/Normal(ON)/Shutdown
	Min	10.19	0.00	-6.60	704.17	498.11	4.99	17.22	33.07	-18.88	17.12	7.42	7.34	6.85	12.60	0.00	0.00	
	Max	20.37	231.85	144.42	1127.07	1167.01	5.52	52.01	51.80	33.23	40.41	8.71	7.89	7.07	40.71	0.00	2.00	
3/10/2025	Average	15.78	0.76	19.88	894.92	855.41	5.61	30.16	40.82	10.65	30.34	8.74	8.55	6.86	28.27	0.00	1.02	Shutdown/Off/Preheat/Normal(ON)/Shutdown/Off
	Min	9.81	0.00	-0.58	465.11	269.44	5.00	18.62	20.24	-25.07	10.01	7.18	7.06	6.80	0.07	0.00	1.00	
	Max	20.39	103.76	139.47	1141.80	1114.74	6.60	54.13	50.00	27.37	40.00	11.30	10.95	6.90	41.07	0.00	2.00	
3/11/2025	Average	15.30	0.57	22.68	594.23	701.54	5.84	21.98	29.87	7.88	21.89	10.57	9.71	6.82	20.74	0.00	1.00	Off/Preheat/Normal(ON)/Shutdown
	Min	9.81	0.00	-6.60	257.61	151.82	5.00	14.67	14.82	0.05	8.95	9.15	8.15	6.80	0.05	0.00	1.00	
	Max	20.41	501.74	101.82	1028.11	1143.72	6.80	31.09	46.80	19.17	36.71	11.98	10.84	6.90	39.81	0.00	1.00	
3/12/2025	Average	20.00	0.00	3.42	385.94	276.93	6.05	15.58	18.35	2.77	10.54	11.04	10.14	6.80	4.11	0.00	1.00	Shutdown/Off
	Min	14.32	0.00	0.00	173.39	108.90	4.99	11.40	11.67	-0.24	1.76	9.34	9.02	6.75	0.00	0.00	1.00	
	Max	20.41	0.00	101.37	947.88	1061.69	6.46	23.86	43.09	21.98	33.16	11.78	10.30	6.85	39.10	0.00	1.00	
3/13/2025	Average	17.65	0.10	11.83	294.27	510.11	5.79	16.92	22.75	5.83	14.93	11.68	10.45	6.84	7.38	0.00	1.00	Off/Preheat/Normal(ON)
	Min	9.75	0.00	-5.50	108.31	72.43	4.70	13.89	14.35	0.21	5.09	9.61	8.79	6.79	0.02	0.00	1.00	
	Max	20.42	110.26	95.00	872.03	1089.84	6.53	32.52	49.36	25.64	40.87	12.78	12.01	7.04	40.25	0.00	1.00	
3/14/2025	Average	13.43	1.47	31.48	1037.39	1035.73	5.27	32.72	48.54	15.82	39.38	10.22	8.96	7.00	38.43	0.00	1.00	Normal(ON)/Shutdown/Off/Preheat
	Min	10.51	0.00	-7.70	743.66	472.89	5.00	24.62	33.01	0.96	25.73	8.68	8.46	6.85	15.37	0.00	1.00	
	Max	20.39	204.14	77.62	1108.92	1172.22	5.70	35.49	50.46	24.03	41.90	12.37	9.76	7.08	40.70	0.00	1.00	
3/15/2025	Average	13.15	1.34	32.35	1022.57	1051.03	5.66	33.08	48.47	15.39	37.01	10.80	9.13	6.90	38.46	0.00	1.00	Preheat/Normal(ON)/Shutdown/Off/Preheat
	Min	10.67	0.00	-8.80	696.81	500.67	5.11	25.82	26.64	-6.24	22.11	10.37	8.81	6.82	15.26	0.00	1.00	
	Max	20.37	267.03	158.30	1123.68	1146.46	6.31	37.85	54.90	21.11	42.71	12.37	9.85	7.00	40.87	0.00	1.00	
3/16/2025	Average	13.24	0.25	44.55	966.92	1037.21	6.06	36.09	47.74	11.65	36.82	10.83	9.09	6.80	36.80	0.00	1.00	Preheat/Normal(ON)/Shutdown/Off/Preheat
	Min	10.19	0.00	-5.50	733.66	458.76	5.10	24.00	36.09	-12.88	24.90	10.50	8.80	6.80	18.71	0.00	1.00	
	Max	20.37	228.45	181.77	1074.44	1130.11	6.64	52.04	53.59	22.64	41.98	11.65	9.77	6.87	40.20	0.00	1.00	
3/17/2025	Average	13.33	1.87	43.37	1001.17	1047.69	5.05	31.44	45.65	14.21	33.83	10.52	9.05	6.80	37.47	0.00	1.00	Preheat/Normal(ON)/Shutdown/Off/Preheat
	Min	8.72	0.00	0.00	709.81	454.64	5.00	22.51	36.97	-8.56	24.03	8.76	8.32	6.80	20.44	0.00	1.00	
	Max	20.31	610.41	111.11	1107.82	1147.71	5.39	45.91	48.00	24.22	36.26	11.75	9.77	6.81	40.10	0.00	1.00	
3/18/2025	Average	13.73	0.98	41.99	972.11	1023.29	5.35	34.30	46.70	12.40	35.98	10.74	9.24	6.84	36.76	0.00	1.00	Preheat/Normal(ON)/Shutdown/Off/Preheat
	Min	10.37	0.00	-8.80	644.98	439.71	4.96	25.59	30.53	-26.18	22.67	10.30	8.92	6.80	8.41	0.00	1.00	
	Max	20.37	504.02	111.42	1089.24	1141.89	5.92	56.71	52.82	24.33	40.66	11.47	9.85	6.90	41.17	0.00	1.00	



March 2025 Incineration Averages and Ranges

TheDate		OX6min	COmin	NOXmin	PrimTemp°C	SecTemp°C	SNCR	DemTemp°C	CarbTemp°C	DiffTemp°C	IDFanTemp°C	QuenchPH	CondPH	AtomPH	AtomA	AtomB	HEPADP	OpMode
3/19/2025	Average	13.49	2.25	37.69	981.11	1041.43	5.62	35.52	49.39	13.87	37.28	10.43	8.54	6.80	37.57	0.00	1.00	Preheat/Normal(ON)/
	Min	9.36	0.00	-9.90	612.13	482.86	5.03	24.55	30.30	-26.30	21.59	9.78	7.88	6.80	8.26	0.00	1.00	Shutdown/Off/Prehe
	Max	20.37	442.11	154.64	1081.24	1185.04	6.31	56.72	55.39	24.31	44.33	11.32	9.68	6.81	41.31	0.00	1.00	at
3/20/2025	Average	13.51	1.33	26.46	997.16	1032.05	5.69	34.89	47.51	12.62	35.24	10.22	8.61	6.80	37.44	0.00	1.00	Preheat/Normal(ON)/
	Min	10.52	0.00	-9.08	692.17	409.52	4.99	24.23	34.16	-15.45	21.09	9.09	7.71	6.80	14.07	0.00	1.00	Shutdown/Off/Prehe
	Max	20.37	480.27	104.48	1097.72	1145.32	6.08	49.61	52.69	24.07	40.56	11.30	9.76	6.83	40.70	0.00	1.00	at
3/21/2025	Average	13.63	0.12	31.80	967.99	1018.23	5.12	34.09	46.20	12.12	33.73	10.26	8.46	6.82	35.60	0.00	1.00	Preheat/Normal(ON)/
	Min	9.60	0.00	-7.70	639.06	407.10	5.00	22.77	30.15	-25.33	18.75	9.87	7.89	6.80	8.73	0.00	1.00	Shutdown/Off/Prehe
	Max	20.37	123.32	85.82	1092.08	1118.13	5.78	55.49	49.81	25.56	38.10	10.95	9.81	6.84	41.31	0.00	1.00	at
3/22/2025	Average	13.43	0.36	33.03	986.47	1032.46	5.21	34.26	47.26	13.00	34.39	9.94	8.12	6.81	36.11	0.00	1.00	Preheat/Normal(ON)/
	Min	9.67	0.00	-7.70	624.04	410.38	5.00	22.99	30.00	-26.31	18.15	9.17	7.43	6.80	8.75	0.00	1.00	Shutdown/Off/Prehe
	Max	20.39	148.89	196.21	1127.56	1144.02	5.79	56.32	51.06	24.83	39.79	11.42	9.33	6.85	40.48	0.00	1.00	at
3/23/2025	Average	13.51	0.52	41.91	987.21	1026.59	5.05	32.03	47.35	15.32	34.85	9.28	7.70	6.81	37.58	0.00	1.00	Preheat/Normal(ON)/
	Min	10.11	0.00	-7.70	650.33	408.18	4.91	22.42	34.17	-15.34	22.64	7.97	7.41	6.80	12.84	0.00	1.00	Shutdown/Off
	Max	20.37	403.65	119.52	1086.82	1140.49	5.53	50.17	50.12	25.09	39.24	11.53	9.07	6.87	41.08	0.00	1.00	
3/24/2025	Average	13.45	1.43	30.54	896.97	996.02	5.22	34.30	45.48	11.18	34.25	9.52	7.93	6.85	34.23	0.00	1.00	Off/Preheat/Normal(
	Min	9.54	0.00	-12.10	537.41	272.61	5.01	24.72	20.48	-47.06	10.19	8.33	7.49	6.80	0.10	0.00	1.00	ON)/Shutdown
	Max	20.37	136.65	92.29	1027.43	1161.60	6.13	68.51	51.78	22.81	42.22	12.00	8.67	6.93	39.92	0.00	1.00	
3/25/2025	Average	17.67	0.46	6.57	520.60	523.15	5.68	32.74	33.84	1.10	22.74	10.33	9.16	6.90	15.45	0.00	1.00	Shutdown/Off/Prehe
	Min	9.28	0.00	-1.10	120.96	75.88	4.99	18.89	18.89	-37.49	8.72	8.10	7.96	6.80	0.04	0.00	1.00	at/Shutdown/Off
	Max	20.41	556.39	57.60	1017.19	1063.20	6.51	58.23	47.73	27.48	36.78	11.20	9.91	6.94	39.47	0.00	1.00	
3/26/2025	Average	19.86	0.00	4.22	63.34	45.95	5.82	18.05	19.41	1.35	14.29	6.68	10.00	6.89	0.90	0.00	1.00	Off
	Min	11.50	0.00	0.00	46.31	30.26	4.15	10.07	12.50	0.43	9.36	6.22	9.80	6.80	0.06	0.00	1.00	
	Max	20.40	0.00	95.00	120.72	75.77	6.80	21.97	22.40	2.46	18.79	8.08	10.15	7.03	6.61	0.00	1.00	
3/27/2025	Average	20.25	0.00	0.00	40.08	26.01	6.17	17.06	18.05	0.99	15.53	6.81	10.10	5.07	0.07	0.00	1.00	Off
	Min	20.07	0.00	0.00	31.23	23.89	5.98	13.69	14.39	0.69	10.16	6.59	10.09	0.00	0.00	0.00	1.00	
	Max	20.41	0.00	0.00	51.53	30.22	6.40	19.10	20.15	1.22	18.25	6.90	10.10	6.90	0.10	0.00	1.00	
3/28/2025	Average	19.27	2.56	2.96	89.07	197.97	6.19	16.74	19.81	3.07	15.32	7.26	9.90	6.74	4.06	0.00	1.00	Off/Preheat
	Min	8.37	0.00	-13.20	25.32	19.69	4.98	13.23	13.94	0.56	9.89	6.90	8.01	6.70	0.01	0.00	1.00	
	Max	20.42	424.05	42.11	473.02	1063.02	6.49	19.63	46.66	29.07	34.79	9.41	10.10	6.80	39.43	0.00	1.00	
3/29/2025	Average	13.08	1.87	35.15	949.52	1039.58	5.08	32.06	49.99	17.93	38.22	8.70	8.38	6.76	38.62	0.00	1.00	Off/Preheat/Normal(
	Min	9.64	0.00	0.00	473.83	428.91	5.00	17.60	40.62	4.57	26.77	5.23	4.95	6.70	24.89	0.00	1.00	ON)/Shutdown/Off/P
	Max	20.37	391.63	102.78	1075.20	1110.90	5.30	38.70	56.11	29.21	45.00	10.20	9.72	6.80	40.05	0.00	1.00	reheat
3/30/2025	Average	13.38	0.89	32.96	958.12	1033.37	5.20	34.75	48.64	13.89	36.16	8.75	8.52	6.77	37.27	0.00	1.00	Off/Preheat/Normal(
	Min	9.93	0.00	-9.90	662.41	442.02	5.00	25.98	34.70	-14.80	20.27	7.53	7.53	6.70	17.06	0.00	1.00	ON)/Shutdown/Off/P
	Max	20.37	406.19	134.67	1056.38	1190.90	5.52	50.25	51.67	22.43	42.13	10.58	9.67	6.80	40.55	0.00	1.00	reheat
3/31/2025	Average	14.90	0.26	38.70	911.50	1026.34	5.43	33.56	47.24	13.67	33.20	8.68	8.61	6.77	35.91	0.00	1.00	Off/Preheat/Normal(
	Min	9.34	0.00	-15.40	600.72	413.77	5.00	22.40	34.07	-14.72	22.38	7.11	6.97	6.70	13.76	0.00	1.00	ON)/Shutdown/Off/P
	Max	20.37	10.71	200.87	1041.23	1110.03	6.07	51.08	51.48	24.67	37.60	10.55	9.48	6.80	40.24	0.00	1.00	reheat



March 2025 Incineration Feed Log

TheDate	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	DailySum	Monthly Sum	
01-Mar-25	0.00	552.30	554.70	551.00	547.20	550.00	555.50	584.10	553.30	559.70	450.10	550.90	562.20	507.10	613.60	0.00	0.00	522.80	304.30	620.30	391.90	0.00	0.00	0.00	0.00	9531.0	242233.7
02-Mar-25	0.00	0.00	0.00	0.00	620.70	625.40	619.50	568.60	566.20	574.20	368.40	555.10	574.70	285.20	567.10	577.60	570.60	607.20	330.60	631.30	633.60	620.60	103.40	0.00	0.00	10000.0	
03-Mar-25	0.00	0.00	0.00	0.00	613.80	0.00	609.40	469.10	556.10	603.50	645.60	601.50	573.40	604.40	626.60	621.50	616.90	558.20	504.60	614.50	622.10	0.00	0.00	0.00	0.00	9441.2	
04-Mar-25	0.00	0.00	0.00	203.20	602.30	601.80	601.30	508.00	504.60	561.90	621.10	627.60	620.90	621.50	637.80	602.20	552.50	519.20	510.90	603.20	500.00	0.00	0.00	0.00	0.00	10000.0	
05-Mar-25	0.00	0.00	0.00	606.10	600.90	602.90	603.10	503.20	502.20	578.80	621.70	627.40	618.60	623.80	632.80	625.30	647.30	645.70	506.40	453.80	0.00	0.00	0.00	0.00	0.00	10000.0	
06-Mar-25	0.00	0.00	606.40	601.10	600.10	605.60	614.50	562.50	560.80	614.40	620.70	612.20	617.00	618.20	623.60	620.40	627.20	619.10	276.20	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
07-Mar-25	0.00	501.40	604.50	605.40	604.90	605.70	611.60	612.40	620.60	624.50	613.90	569.10	557.30	399.60	579.20	566.50	561.40	566.40	195.60	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
08-Mar-25	0.00	601.80	601.30	606.80	612.60	601.00	609.80	502.00	508.60	504.00	512.80	502.40	502.50	553.90	503.20	501.20	501.60	503.60	514.70	256.20	0.00	0.00	0.00	0.00	0.00	10000.0	
09-Mar-25	0.00	0.00	0.00	605.40	601.60	616.80	600.10	566.40	605.80	512.60	369.60	506.30	504.60	507.60	515.70	509.90	490.90	352.90	511.70	601.20	600.80	420.10	0.00	0.00	0.00	10000.0	
10-Mar-25	0.00	0.00	0.00	557.10	605.40	603.50	600.80	458.20	0.00	522.60	574.00	414.00	613.20	260.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5209.0	
11-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	550.70	614.00	628.70	553.40	562.20	488.50	472.10	570.60	573.50	0.00	0.00	0.00	0.00	5013.7	
12-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	
13-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	620.70	616.30	610.30	631.90	0.00	2479.2	
14-Mar-25	600.40	607.00	612.40	608.30	605.90	605.30	606.30	530.40	513.40	635.30	604.10	627.70	601.70	606.40	638.60	515.20	481.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
15-Mar-25	602.20	602.40	608.20	603.40	602.20	601.00	605.30	575.40	568.50	573.60	568.40	409.80	493.10	250.30	564.50	423.70	557.90	551.00	239.10	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
16-Mar-25	435.00	612.40	603.30	602.40	605.80	603.30	605.40	514.90	559.20	556.30	542.30	566.40	485.40	413.90	586.40	473.40	512.60	555.00	164.00	0.00	0.00	0.00	0.00	0.00	0.00	9997.4	
17-Mar-25	607.50	605.50	601.60	603.40	601.00	604.80	606.20	286.60	540.20	634.30	610.50	608.30	605.90	622.10	557.80	587.70	507.10	209.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
18-Mar-25	607.70	601.00	610.80	617.60	613.40	604.20	619.90	509.00	549.70	629.10	620.60	621.20	604.20	600.10	602.80	587.60	401.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
19-Mar-25	601.10	606.60	615.30	609.60	600.60	606.80	615.40	556.30	554.40	556.60	605.30	604.70	606.90	601.00	610.30	502.00	534.50	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
20-Mar-25	606.20	601.60	601.20	606.10	605.10	603.90	604.40	0.00	0.00	626.90	622.50	540.40	603.00	602.60	613.90	613.90	608.80	606.00	333.50	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
21-Mar-25	603.30	605.70	608.60	612.50	601.40	602.90	604.30	429.60	574.00	603.70	604.50	609.60	626.10	613.90	605.80	590.70	503.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
22-Mar-25	602.60	602.40	609.80	634.20	607.60	603.80	613.10	616.70	580.70	485.20	634.20	553.40	544.80	555.70	503.40	617.30	612.70	22.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
23-Mar-25	600.00	606.60	604.80	600.30	600.20	602.20	602.60	535.60	507.20	574.40	561.80	420.60	647.60	509.80	613.80	623.40	608.30	180.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
24-Mar-25	0.00	0.00	0.00	605.20	600.40	601.00	529.50	0.00	0.00	606.20	608.40	610.60	602.40	612.80	608.10	606.50	611.20	505.30	550.10	603.20	604.90	534.20	0.00	0.00	0.00	10000.0	
25-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.30	314.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	564.3	
26-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	
27-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	
28-Mar-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	
29-Mar-25	552.80	558.40	550.80	550.90	552.70	552.00	554.80	553.60	576.00	560.70	555.90	551.80	363.00	504.10	512.80	552.30	566.90	581.30	249.20	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
30-Mar-25	0.00	607.90	602.90	605.90	605.90	602.70	603.10	501.20	505.80	500.10	575.20	636.20	557.00	530.80	570.90	573.80	550.20	523.30	347.10	0.00	0.00	0.00	0.00	0.00	0.00	10000.0	
31-Mar-25	401.50	609.90	602.30	604.90	609.00	602.60	603.60	556.20	554.40	557.30	594.40	613.00	602.10	389.10	607.30	573.80	611.40	305.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9997.9	

Carbon Monoxide > 8ppm 4 hour alarm



Carbon Monoxide > 8ppm 4 hour alarm

	Start	Stop		Op.	Stack CO	Stack CO		Actions
Date	Time	Time	Duration	Mode	@ 11% O2	as mg/m ³	Explanation	Taken
3/3/2025	00:00	3:00	03:00	Shutdown	9.5	11.0	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed, the incinerator was brought to a controlled shutdown.
3/4/2025	16:00	21:00	05:00	Normal	13.9	16.0	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed until the CO level returned to the normal operating range.
3/18/2025	16:30	20:00	03:30	Normal	10.3	11.9	CO spike occurred during the cycling of the internal rams.	The operator monitored the CO level. No waste was fed until the CO level returned to the normal operating range.

Secondary Chamber Temperature < 1000°C

Date	Start Time	Stop Time	Duration	Op. Mode	Temp. °C	Explanation	Actions Taken
3/21/2025	18:55	19:21	00:26	Shutdown	981	Low upper chamber temperatures were the result of an incorrect flame port air setting.	The flame port air set point was corrected. No waste was fed and the incinerator was brought to a controlled shutdown.

Differential from Demister < 10 C



Differential from Demister < 10°C

	Start	Stop		Op.	Differential Temp		Actions
Date	Time	Time	Duration	Mode	Outlet °C	Explanation	Taken
3/20/2025	4:28	8:31	04:03	Normal	4.1	Low differential temperature was cause by a lack of reheat steam due to a boiler malfunction.	No waste was fed at this time.