LAFARGE CANADA INC.

AMBIENT AIR QUALITY MONTHLY REPORT

FEBRUARY 2025

MARCH 31, 2025

AMBIENT AIR QUALITY MONTHLY REPORT

FEBRUARY 2025

LAFARGE CANADA INC.

PROJECT NO.: 171-00556-05
DATE: MARCH 31, 2025

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March 31, 2025

LAFARGE CANADA INC.
Highway 1A
Exshaw, AB T0L 2C0

Attention: Nikolaos Veriotes P. Eng.

Dear Mr. Veriotes,

Subject: Ambient Air Quality Monthly Report – February 2025

The following table summarizes the data completeness and reported exceedances of Alberta Ambient Air Quality Objectives (AAAQOs) or Guidelines (AAAQG) at the Lagoon Station for February 2025.

Lagoon	Data Completeness (%)	1-Hour Average	24-hour Average
		Exceedances of AAAQO or AAAQG	Exceedances of AAAQO
TSP	100%	-	1
$PM_{2.5}$	100%	0	0
PM_{10}	100%	-	-
NO	100%	-	-
NO_2	100%	0	-
NO_x	100%	-	-
SO_2	100%	0	0
Temperature	100%	-	-
Wind Speed / Direction	100%	-	-
Pressure	100%	-	-
Relative Humidity	100%	-	-
Precipitation	100%	-	-

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The following table summarizes the data completeness and reported exceedances of Alberta Ambient Air Quality Objectives (AAAQOs) or Guidelines (AAAQG) at the Windridge Station for February 2025.

Windridge	Data Completeness (%)	1-Hour Average	24-hour Average	
		Exceedances of AAAQG	Exceedances of $PM_{2.5}$ AAAQO	Exceedances of TSP AAAQO
TSP	100%	-	-	6
$PM_{2.5}$	100%	0	0	-
PM_{10}	100%	-	-	-

The GRIMM monitors are considered Industrial Ambient Monitors and are meant for assessing the performance of Lafarge Exshaw's Fugitive Dust Control Best Management Practices – Program; the GRIMM monitors are not Air Monitoring Directive (AMD) compliant. This Program uses the AAAQOs as Guidelines. The following table summarizes the data completeness and exceedances of the Guidelines at the GRIMM Monitors for February 2025.

GRIMM Stations	Data Completeness (%)	1-Hour Average	24-hour Average	
		Exceedances of $PM_{2.5}$ Guidelines	Exceedances of $PM_{2.5}$ Guidelines	Exceedances of TSP Guidelines
West	0%	0	0	0
Berm	100%	72	2	11
Entrance	0%	0	0	0

I certify that I have reviewed and verified this report and that the information is complete, accurate and representative of the monitoring results, reporting timeframe and the specified analysis, summarization, and reporting requirements.

Sincerely,

Tyler Abel, M.Sc.
Senior Air Quality Specialist,
Vancouver Region

SIGNATURES

PREPARED BY

March 28, 2025

Yuhao Hua, M.A.Sc., M.Sc.
Air Quality Specialist
Vancouver Region, Environment

Date

APPROVED[1] BY *(must be reviewed for technical accuracy prior to approval)*

March 28, 2025

Tyler Abel, M.Sc.
Senior Air Quality Specialist
Vancouver Region, Environment

Date

[1] Approval of this document is an administrative function indicating readiness for release and does not impart legal liability on to the Approver for any technical content contained herein. Technical accuracy and fit-for-purpose of this content is obtained through the review process. The Approver shall ensure the applicable review process has occurred prior to signing the document.

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1 INTRODUCTION

This report summarizes the ambient air quality and meteorological data collected at the Lagoon, Windridge, and GRIMM monitors in Exshaw, AB (Figure 1-1). The stations are operated by WSP on behalf of Lafarge Canada Inc. (Lafarge) and are a requirement of Lafarge's Approval 1702-02-04. This report contains data collected between February 1, 2025 and February 28, 2025.

This monthly report was prepared by Glenn Hua, Air Quality Specialist with WSP, on behalf of Lafarge and was reviewed by Tyler Abel, Senior Air Quality Specialist at WSP.

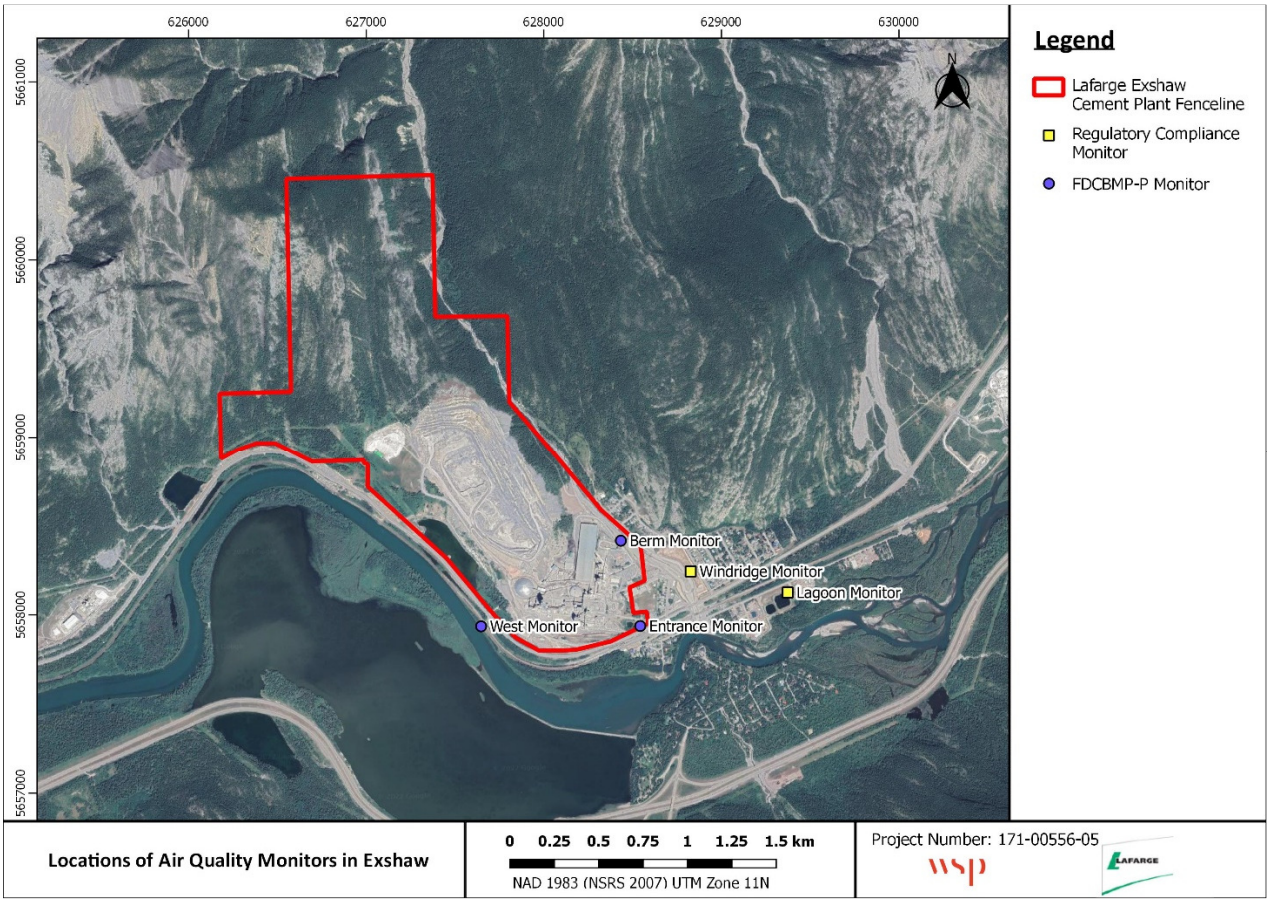

Figure 1-1 Locations of Air Quality Monitors in Exshaw

1.1 EXSHAW CREEK FLOOD MITIGATION

Due to flood mitigation construction at Exshaw creek (Figure 1-2), the Windridge monitoring station was taken out of operation and removed from the site on April 8, 2019. The flood mitigation work was completed in Summer 2020. The Windridge station was reinstalled on September 1, 2020 and is included in this report. The flood mitigation work has left an exposed creek bed area (see Figure below) that is a potential source of fugitive dust between Lafarge's eastern fenceline and the Windridge station.

Figure 1-2 Photo of Completed Flood Mitigation Work at Exshaw Creek

2 FEBRUARY 2025 REPORT SUMMARY

This summary section provides the pertinent details on data collected and maintenance/calibration activities at each of the monitoring locations. The monitoring results for each station are described in further detail in their corresponding sections. Maximum hourly concentrations are shown for all particulate matter size fractions, but there are no Alberta Ambient Air Quality Objectives (AAAQO) for 1-hour PM concentrations. The exceedances reported for 1-hour $PM_{2.5}$ are those above the 1-hour $PM_{2.5}$ Alberta Ambient Air Quality Guidelines (AAAQG).

2.1 LAGOON STATION

Table 2-1 Lagoon station data summary

Parameter	Data Completeness (%)	1-Hour Average		24-hour Average	
		Maximum Concentration	Exceedances of AAAQO or AAAQG	Maximum Concentration	Exceedances of AAAQO
NO_2 (ppb)	100.0	33.9	0	20.8	-
SO_2 (ppb)	100.0	8.6	0	2.0	0
$PM_{2.5}$ (µg/m³)	100.0	26.3	0[1]	18.3	0
PM_{10} (µg/m³)	100.0	483.2	-	116.2	-
TSP (µg/m³)	100.0	717.8	-	159.0	1
Temperature (°C)	100.0	11.4	-	8.2	-
Wind Speed (km/hr) /Direction (Degrees)	100.0	49.0/W	-	35.2/WSW	-
Precipitation (mm)	100.0	0.3[2]	-	0.5[3]	-

[1] Any exceedances reported for 1-hour $PM_{2.5}$ are over the guideline level (AAAQG) of 80 µg/m³.
[2] Maximum Daily Total Accumulation of Precipitation (mm) – freezing temperatures can impact the precipitation totals in winter months
[3] Monthly Total Accumulation of Precipitation (mm) - freezing temperatures can impact the precipitation totals in winter months

Data Quality Notes:

- There were no exceedances of the 24-hour $PM_{2.5}$ AAAQO.
- There were no exceedances of the 1-hour $PM_{2.5}$ AAAQG.
- There was 1 exceedance of the 24-hour TSP AAAQO.

Calibration/Maintenance Notes:

- At the Lagoon station, NO_2 and SO_2 analyzer recorded 100% uptime for the month of February.
- All meteorological analyzers recorded 100% uptime for the month of February.
- The TSP, PM_{10} and $PM_{2.5}$ analyzers recorded 100% uptime for the month of February.

2.2 WINDRIDGE STATION

Table 2-2 Windridge station data summary

Parameter	Data Completeness (%)	1-Hour Average		24-hour Average	
		Maximum Concentration	Exceedances of AAAQG	Maximum Concentration	Exceedances of AAAQO
$PM_{2.5}$ (µg/m^3)	100.0	52.0	0*	13.9	0
PM_{10} (µg/m^3)	100.0	234.0	-	88.8	-
TSP (µg/m^3)	100.0	985.0	-	398.4	6

* Any exceedances reported for 1-hour $PM_{2.5}$ are over the guideline level (AAAQG) of 80 µg/m^3.

Data Quality Notes:

- There were no exceedances of the 24-hour $PM_{2.5}$ AAAQO.
- There were no exceedances of the 1-hour $PM_{2.5}$ AAAQG.
- There were 6 days exceeding the 24-hour TSP AAAQO.

Calibration/Maintenance Notes:

- The $PM_{2.5,}$ PM_{10}, and TSP analyzer recorded 100% uptime for the month of February.

2.3 WEST GRIMM

The GRIMM monitors are Industrial Ambient Monitors meant to aid Lafarge in assessing the performance of their Fugitive Dust Control Best Management Practices – Program (FDCBMP-P). The AAAQO are used as Guidelines to evaluate the performance of the FDCBMP-P; however, these Industrial monitors are not Alberta Air Monitoring Directive (AMD) compliant and not required to show compliance with the AAAQO.

Calibration/Maintenance Notes:

- The analyzer had 0% uptime during the month of February due to equipment malfunction issues and was out for repair. Planning for replacement of this instrument is underway.

2.4 BERM GRIMM

The GRIMM monitors are Industrial Ambient Monitors meant to aid Lafarge in assessing the performance of their FDCBMP-P. The AAAQO are used as Guidelines to evaluate the performance of the FDCBMP-P; however, these Industrial monitors are not Alberta Air Monitoring Directive (AMD) compliant and not required to show compliance with the AAAQO.

Table 2-3 Berm station data summary

Parameter	Data Completeness (%)	1-Hour Average		24-hour Average	
		Maximum Concentration	Exceedances of Guidelines	Maximum Concentration	Exceedances of Guidelines
$PM_{2.5}$ (µg/m^3)	100.0	753.0	14*	232.1	2
PM_{10} (µg/m^3)	100.0	753.0	-	232.1	-
TSP (µg/m^3)	100.0	2271.6	-	814.6	11

* Any exceedances reported for 1-hour $PM_{2.5}$ are over the guideline level (AAAQG) of 80 µg/m^3.

Data Quality Notes:

- There were 2 exceedances of the 24-hour $PM_{2.5}$ Guidelines.
- There were 14 exceedances of the 1-hour $PM_{2.5}$ Guidelines.
- There were 11 exceedances of the 24-hour TSP Guidelines.

Calibration/Maintenance Notes:

- The $PM_{2.5}$, PM_{10}, and TSP analyzer recorded 100% uptime for the month of February.

2.5 ENTRANCE GRIMM

The GRIMM monitors are Industrial Ambient Monitors meant to aid Lafarge in assessing the performance of their Fugitive Dust Control Best Management Practices – Program (FDCBMP-P). The AAAQO are used as Guidelines to evaluate the performance of the FDCBMP-P; however, these Industrial monitors are not Alberta Air Monitoring Directive (AMD) compliant and not required to show compliance with the AAAQO.

Calibration/Maintenance Notes:

- The analyzer had 0% uptime during the month of February due to equipment malfunction issues and was out for repair. Planning for replacement of this instrument is underway.

3 LAGOON STATION

The Lagoon trailer contains NO_x, SO_2, TSP, PM_{10}, and $PM_{2.5}$ analyzers as well as meteorological sensors, and is shown in Figure 3-1. An ambient air quality station has been at this location since 2002, providing a long-term data record for air quality in the Exshaw area.

This section provides a summary of the monitoring activities for the Lagoon ambient air quality station, including: a table of instrumentation (Table 3-1), a data summary table (Table 3-2), site visit notes, a wind rose (**Error! Reference source not found.**) and tables and graphs illustrating the monitoring results for February 2025.

All of the monitors comply with Alberta Environment and Parks Air Monitoring Directive (2016).

3.1 OPERATIONAL SUMMARY

A summary of the station operation for the month is provided in Table 3-1.

Table 3-1 Instrumentation List at the Lagoon Station

Parameter Measured	Equipment Description	Notes
$PM_{2.5}$ Concentrations	MetOne BAM-1020 FRM Continuous Particulate Monitor	The $PM_{2.5}$ monitor was calibrated on February 20th. The monitor had 100% uptime for the month of February.
PM_{10} Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The PM_{10} monitor was calibrated on February 20th. The monitor had 100% uptime for the month of February.
TSP Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The TSP monitor was calibrated on February 20th. The monitor had 100% uptime for the month of February.
Oxides of Nitrogen	TEI 42C	The NO_x monitor was calibrated on February 24th. The monitor had 100% uptime for the month of February.
Sulphur Dioxide	Teledyne API 102A	The SO_2 monitor was calibrated on February 24th. The monitor had 100% uptime for the month of February.
Precipitation	MetOne 130 Rain/Snow Gauge	The monitor had 100% uptime for the month of February.
Wind Speed	MetOne Wind Sensor	The monitor had 100% uptime for the month of February.
Wind Direction		

Ambient Temperature	MetOne Ambient Temperature Sensor	The monitor had 100% uptime for the month of February.

Figure 3-1 Inlets on the top of WSP's Lagoon monitor

3.2 MONITORING RESULTS AND TRENDS

Table 3-2 summarizes the hourly and daily concentrations recorded in February 2025, and Table 3-3 summarizes the recorded exceedances. Figure 3-2 graphically illustrates the time series for hourly concentrations as well as wind speed and direction, while Figure 3-8 shows daily average concentrations recorded during February 2025 for the pollutants listed in Table 3-2. Additionally, Figure 3-3 to Figure 3-7 show the histograms of the hourly concentrations of NO_2, SO_2, $PM_{2.5}$, PM_{10}, and TSP measured at the Lagoon station.

There was 1 exceedance of the 24-hour TSP (100 µg/m^3) AAAQO. There were 0 exceedances of the 24-hour $PM_{2.5}$ (29 µg/m^3) AAAQO. Further, there were 0 exceedances of the 1-hour $PM_{2.5}$ AAAQG (80 µg/m^3).

Historically in February, the average number of 24-hour TSP AAAQO exceedances and 24-hour $PM_{2.5}$ AAAQO exceedances are 0. The maximum number of 24-hour TSP AAAQO exceedances recorded in February was 2 days in 2018.

At the Lagoon station strong wind gusting that typically occurs in the area contributes to increased particulate levels that may arise from multiple sources including the Lafarge Plant, Exshaw Creek, dry sections of the Bow River, highway and rail traffic moving past the station and fugitive emissions from open areas.

Table 3-2 Summary of February 2025 data at Lagoon

Parameter	Guideline / Objectives		Station	Exceedances		Monthly		1-hour					24-hour		Operational Time (Percent)
	1-hr	24-hr		1-hr	24-hr	Minimum	Average	Maximum Concentration/ Meteorological Variable	Day	Hour	Wind Speed (km/hr)	Wind Direction (degrees)	Maximum Concentration/ Meteorological Variable	Day	
NO_2 (ppb)	159	-	Lagoon	0	-	0.7	9.4	33.9	17	6	2.3	4.4	20.8	18	100.0
SO_2 (ppb)	172	48	Lagoon	0	0	0.0	1.3	8.6	11	9	16.6	256.4	2.0	18	100.0
$PM_{2.5}$ ($\mu g/m^3$)	80	29	Lagoon	0	0	0.0	6.1	26.3	27	15	46.1	212.4	18.3	17	100.0
PM_{10} ($\mu g/m^3$)	-	-	Lagoon	-	-	0.0	33.7	483.2	27	13	40.7	226.0	116.2	27	100.0
TSP ($\mu g/m^3$)	-	100	Lagoon	-	1	2.8	44.5	717.8	27	13	40.7	226.0	159.0	27	100.0
Temperature (°C)	-	-	Lagoon	-	-	-26.8	-10.0	11.4	28	17	25.0	226.7	8.2	27	100.0
Wind Speed (km/hr)/Direction (degrees)	-	-	Lagoon	-	-	0.9	17.2	49.0/W	27	16	49.0	210.2	35.2/WSW	22	100.0
Precipitation (mm)	-	-	Lagoon	-	-	0.0	0.0	0.3[1]	23	9	6.7	246.9	0.5[2]	-	100.0

[1] Maximum Daily Total Accumulation of Precipitation (mm) - freezing temperatures can impact the precipitation totals in winter months
[2] Monthly Total Accumulation of Precipitation (mm) - freezing temperatures can impact the precipitation totals in winter months

Table 3-3 Days exceeding the TSP AAAQO or $PM_{2.5}$ AAAQO at the Lagoon Station

Date	TSP (ug/m^3)	$PM_{2.5}$ (ug/m^3)	Average Wind Direction (degrees)	Average Wind Speed (km/hr)	Average RH (%)	Root Cause (Provided by Lafarge)
Lagoon						
2025-02-27	159.0	-	212.2	33.9	32.5	high wind event
Total # of Exceedances	**1**	**0**				
Maximum # of Exceedances (February)	**2 (2018)**	**0 (2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)**				
Average # of Exceedances (February)	**0**	**0**				
Minimum # of Exceedances (February)	**0 (2010, 2011, 2012, 2013, 2014, 2015, 2017, 2019, 2022, 2024)**	**0 (2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)**				

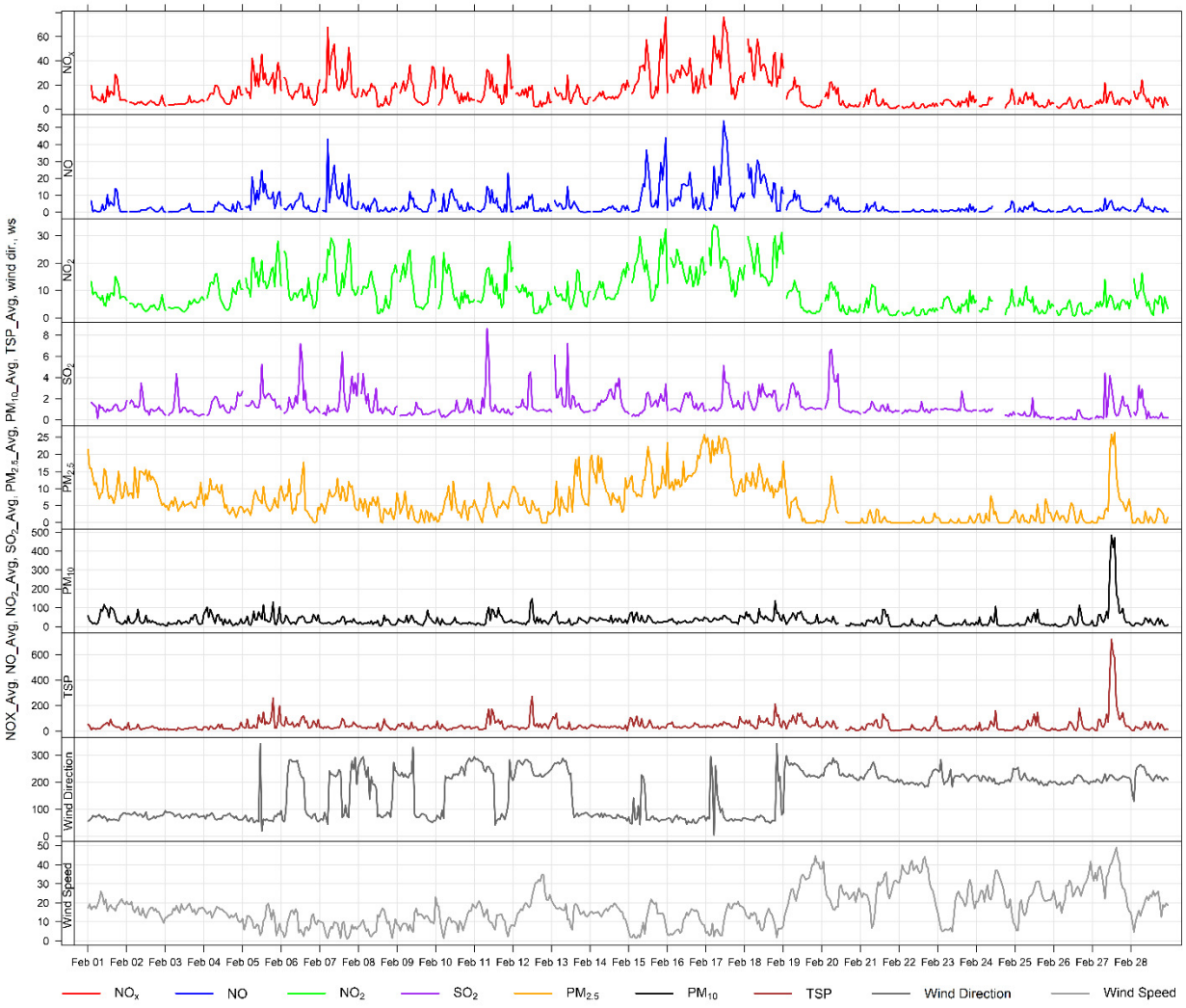

Figure 3-2 **1-hour concentrations of NO_x, SO_2, particulate matter, wind direction and wind speed at the Lagoon station**

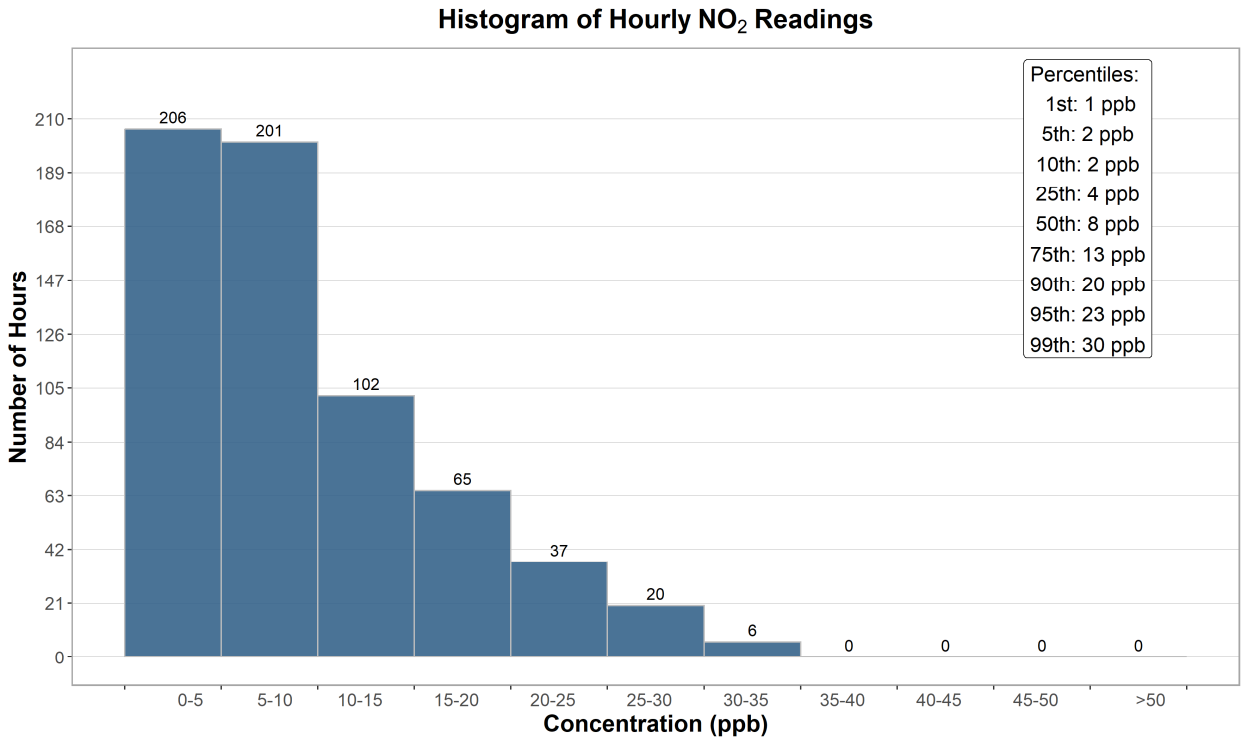

Figure 3-3 Histogram of hourly NO_2 concentrations at the Lagoon station

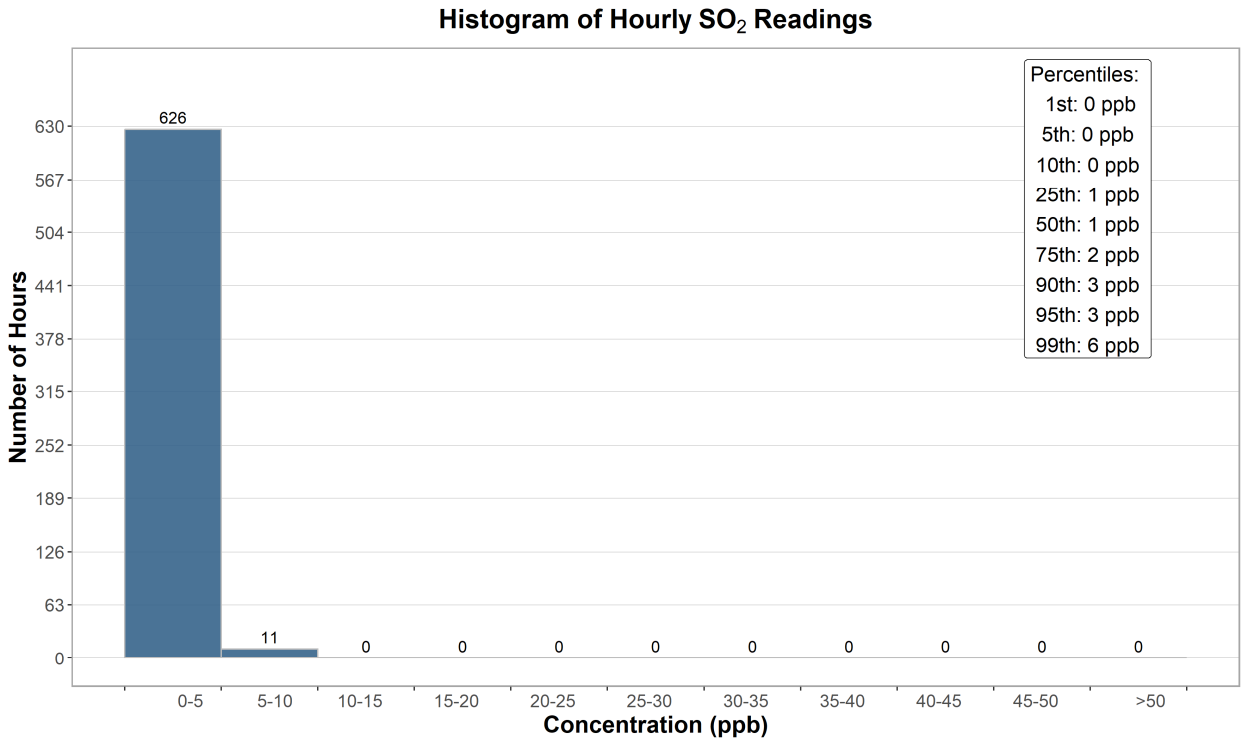

Figure 3-4 Histogram of hourly SO_2 concentrations at the Lagoon station

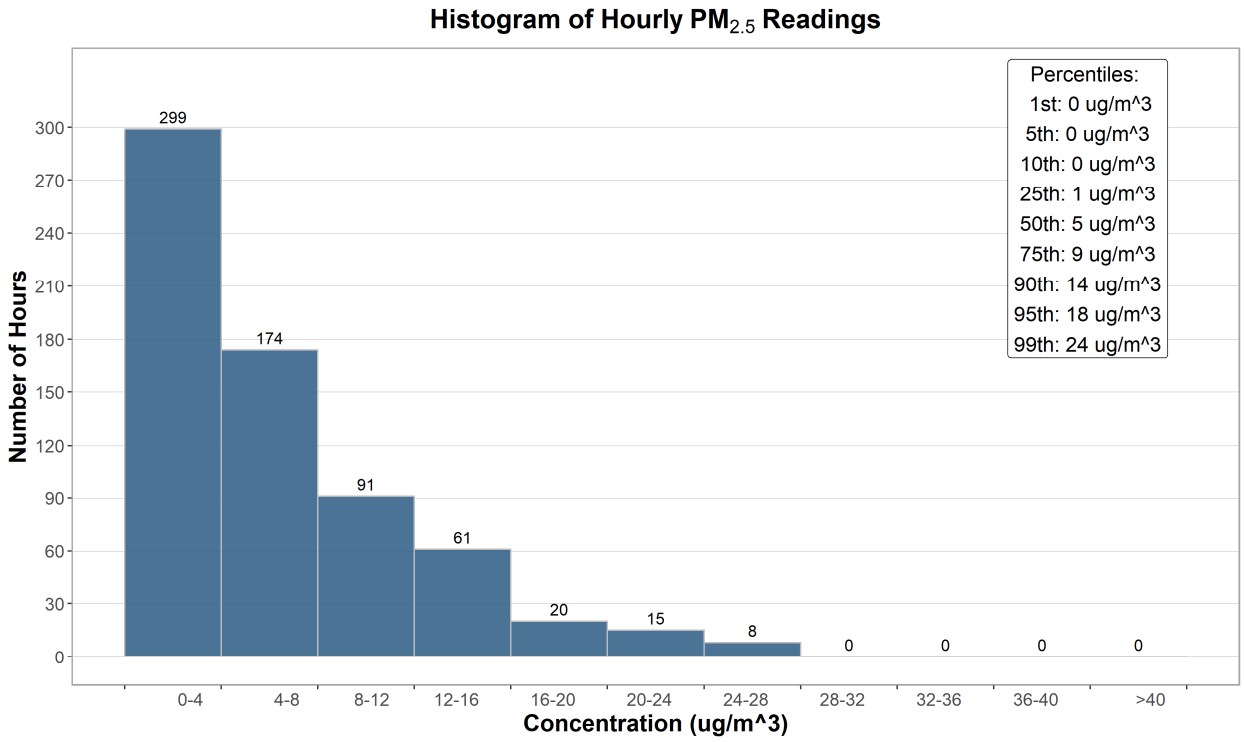

Figure 3-5 **Histogram of hourly $PM_{2.5}$ concentrations at the Lagoon station**

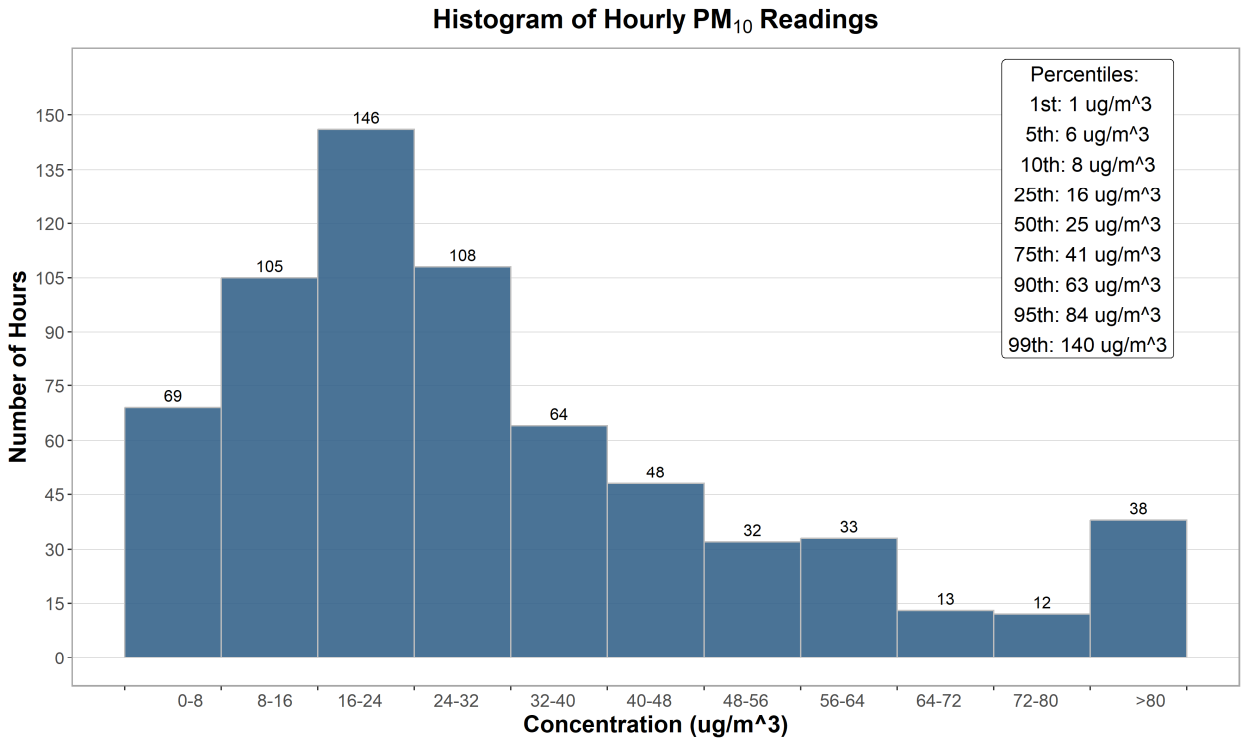

Figure 3-6 **Histogram of hourly PM_{10} concentrations at the Lagoon station**

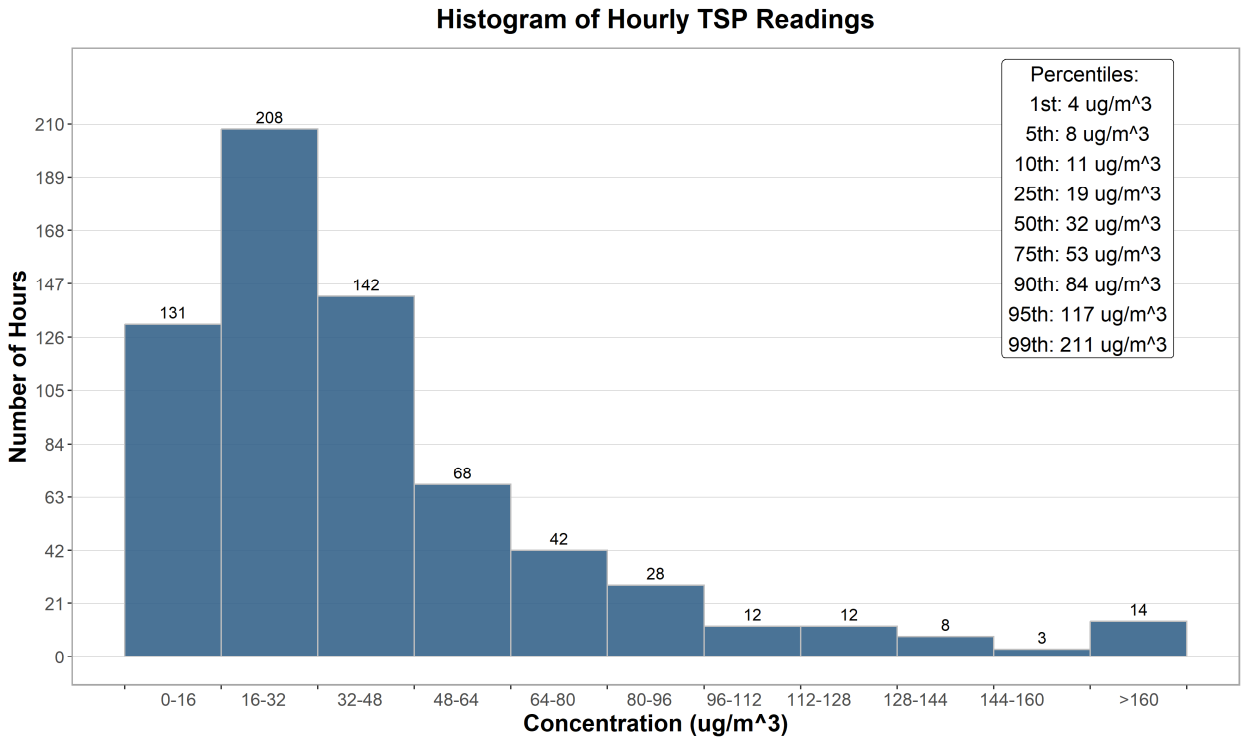

Figure 3-7 Histogram of hourly TSP concentrations at the Lagoon station

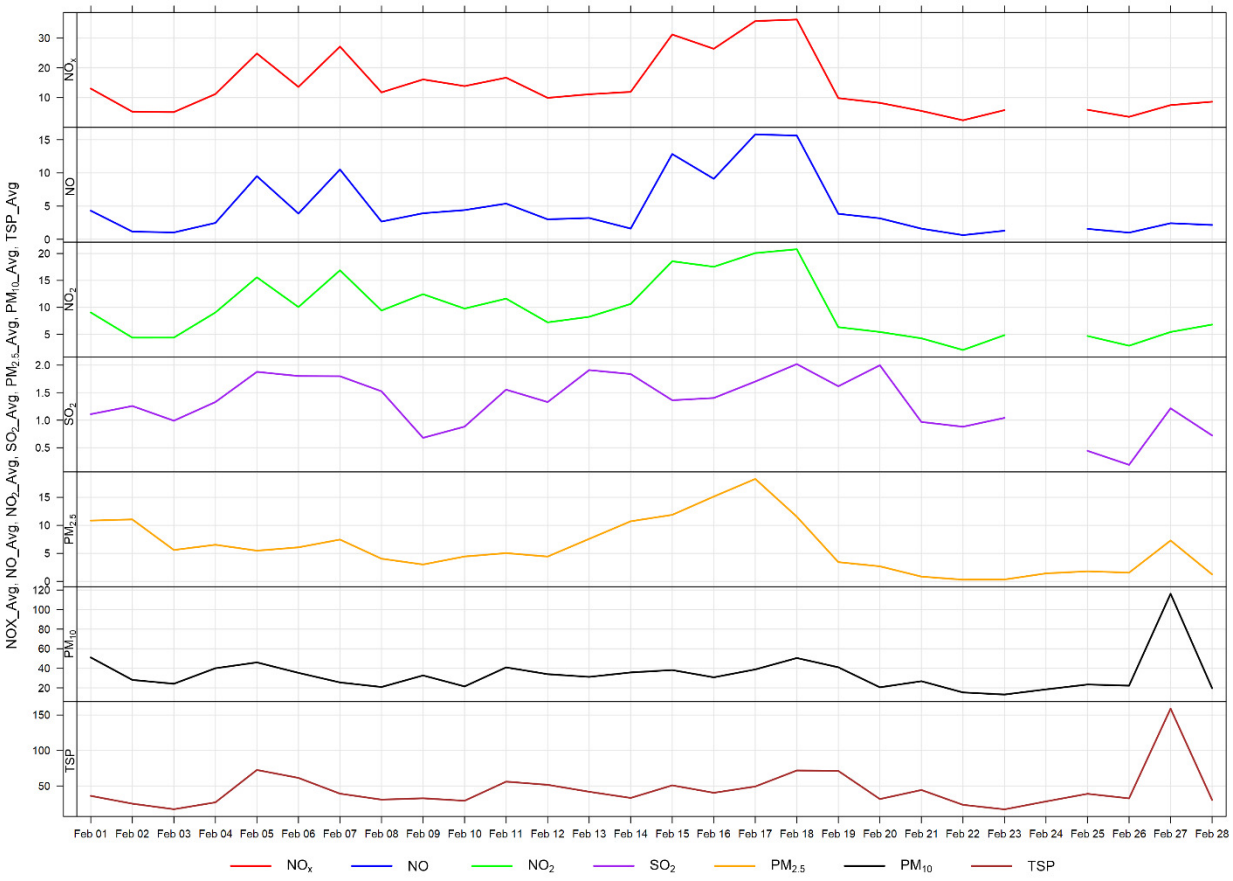

Figure 3-8 24-hour concentrations of NO_x, SO_2, and particulate matter at the Lagoon monitor

Figure 3-9 shows the wind rose for the 1 day of TSP exceedance. The wind rose shows that the winds predominately came from the south and south-southwest directions, in high wind speed conditions, suggesting that the TSP exceedances were largely driven by windblown fugitive dust.

Figure 3-10 through Figure 3-12 show the variation in concentrations over various time averaging periods for PM, SO_2 and NO_x. The particulate matter plot in Figure 3-10 typically shows that PM_{10} and TSP concentrations have a diurnal pattern associated with Lafarge operations, daytime emissions from traffic and other airshed activities. The diurnal patterns also typically follow the diurnal pattern of higher wind speeds during the daytime hours. The elevated particulate matter concentrations observed on Thursday align with the daily average TSP exceedance recorded on Thursday, February 27th, influencing the overall weekly trend.

Figure 3-11 shows the variation of SO_2 over various time periods. SO_2 concentrations patterns are dependent on the timing of the highest SO_2 concentrations recorded in the month because in general SO_2 concentrations are very low. Figure 3-12 shows the variation of NO_x, NO and NO_2, with the peak of all three pollutants occurring in the early morning. This may be indicative of a peak in traffic.

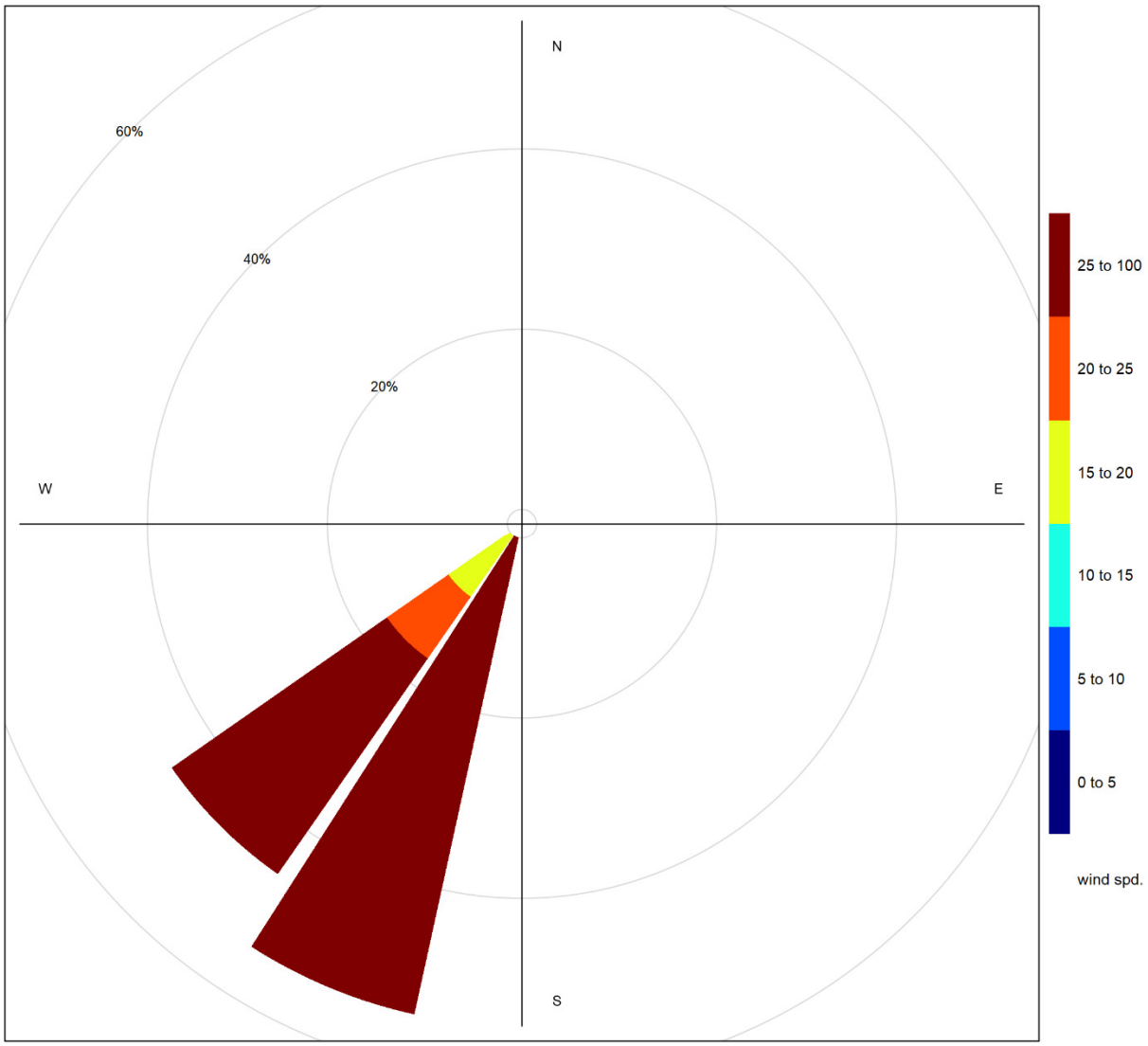

Figure 3-9 Wind rose for TSP exceedance days recorded at the Lagoon Station

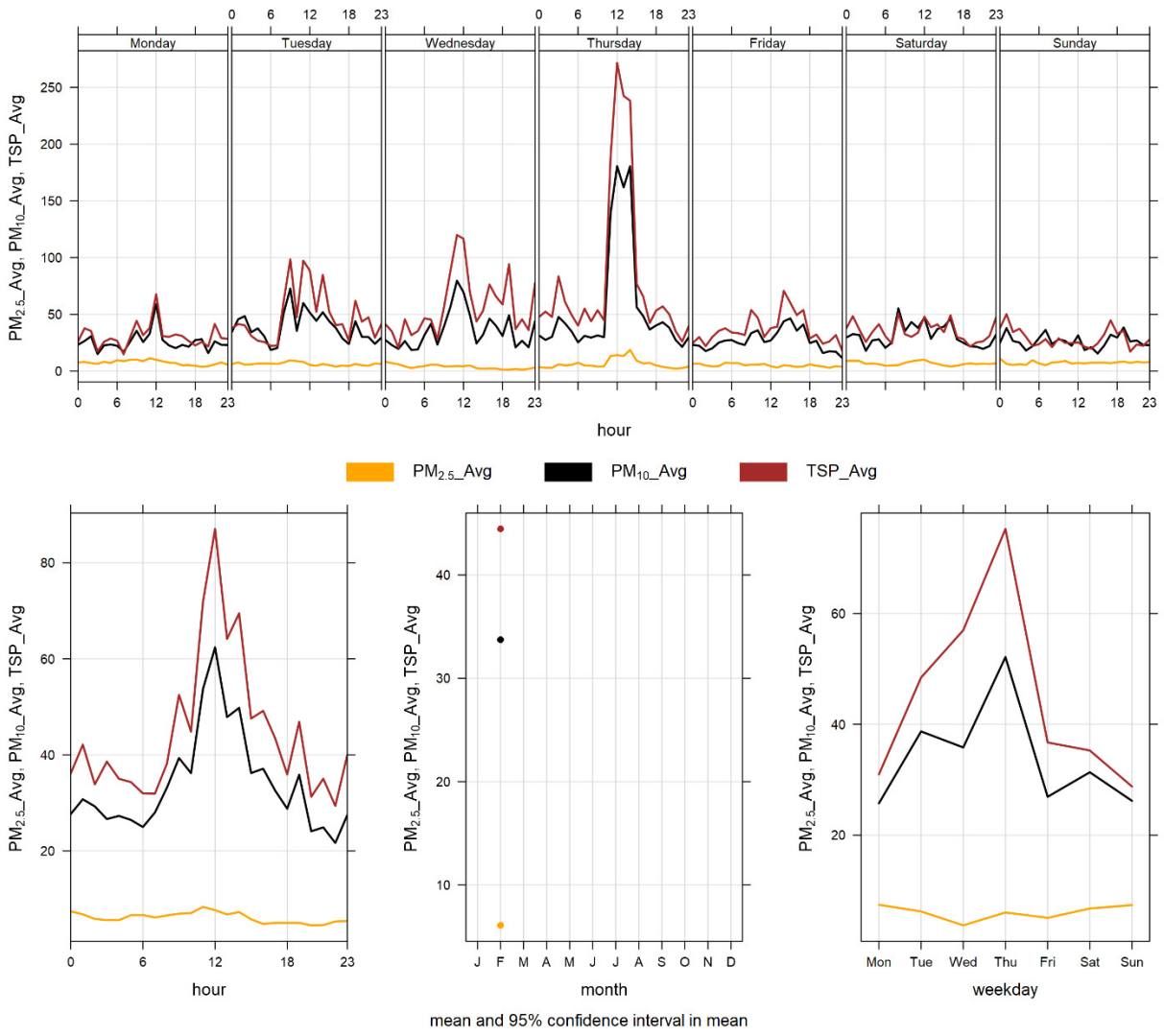

Figure 3-10 Lagoon monitor particulate matter time variation

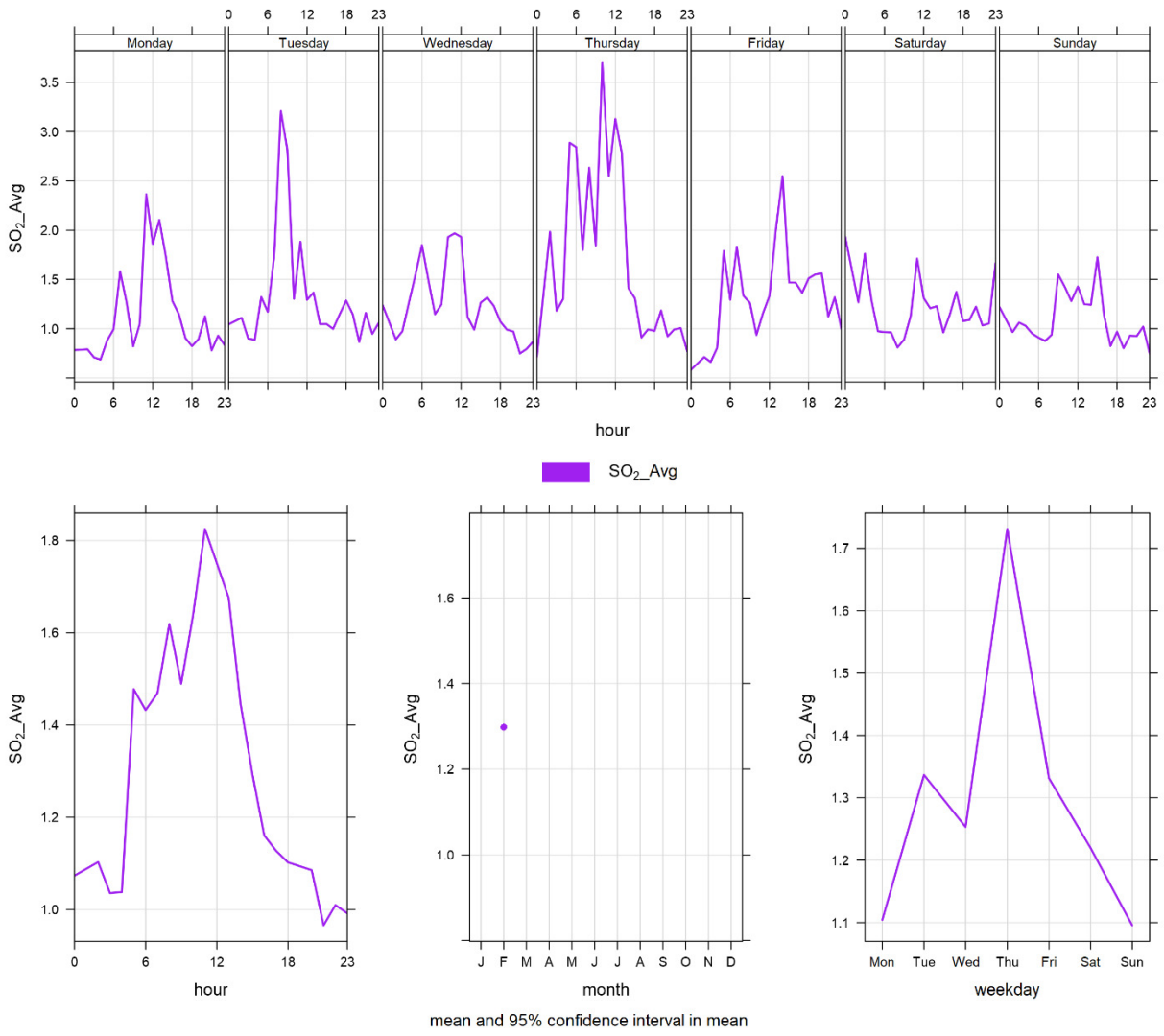

Figure 3-11 Lagoon monitor SO_2 time variation

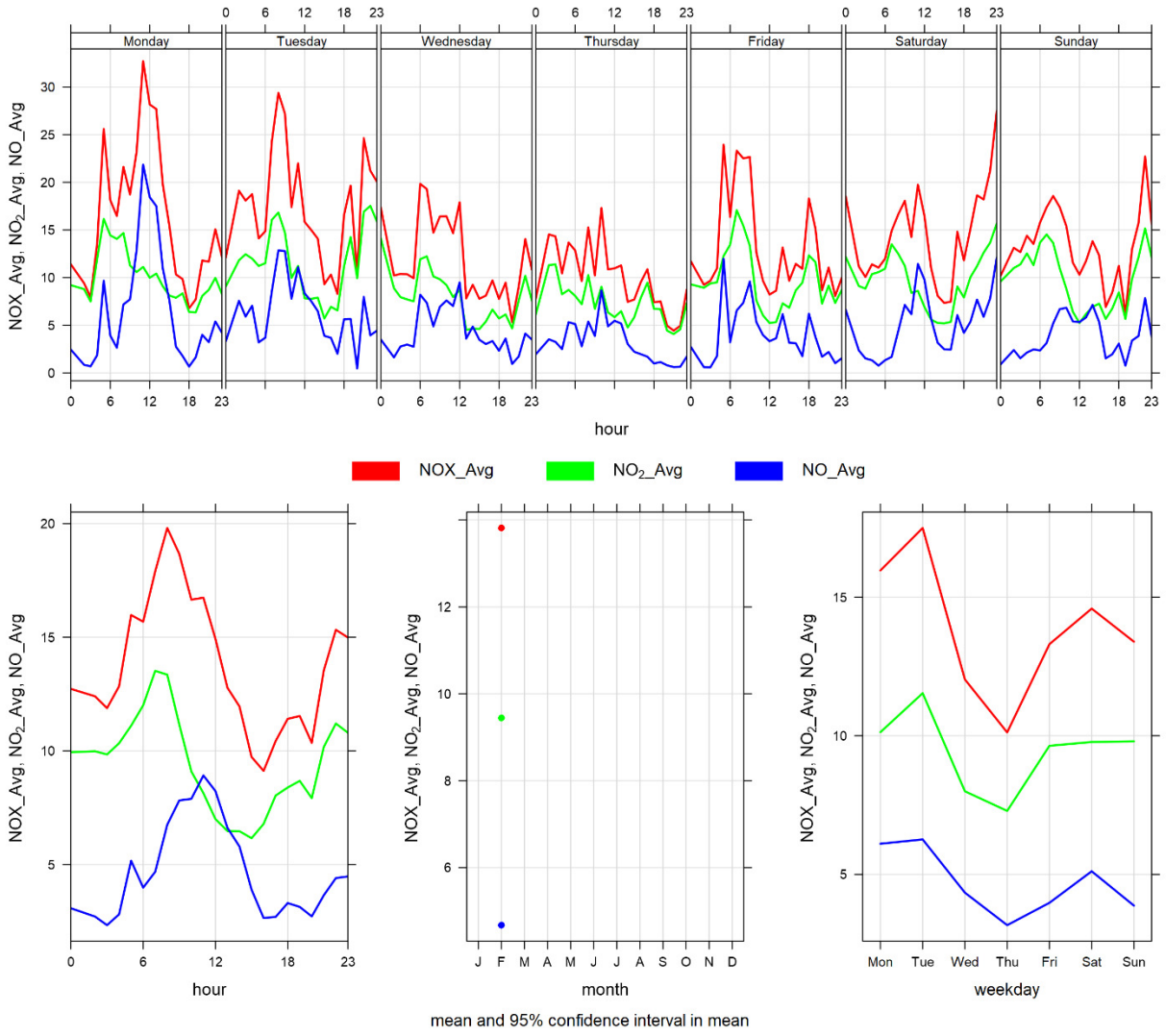

Figure 3-12 Lagoon monitor NO_x time variation

4 WINDRIDGE STATION

The Windridge station contains TSP, PM_{10}, and $PM_{2.5}$ analyzers only. This section provides a summary of the monitoring activities for the Windridge ambient air quality station, including: a table of instrumentation (Table 4-1), a data summary table (Table 4-2), a table of recorded exceedances (Table 4-3), site visit notes, and graphs illustrating the monitoring results for February 2025.

All of the monitors comply with Alberta Environment and Parks Air Monitoring Directive (2016).

4.1 OPERATIONAL SUMMARY

A summary of the station operation for the month is provided in Table 4-1.

Table 4-1 Instrumentation List at the Windridge monitoring location

Parameter Measured	Equipment Description	Notes
$PM_{2.5}$ Concentrations	MetOne BAM-1020 FRM Continuous Particulate Monitor	The $PM_{2.5}$ monitor was calibrated on February 20th. The monitor had 100% uptime for the month of February.
PM_{10} Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The PM_{10} monitor was calibrated on February 20th. The monitor had 100% uptime for the month of February.
TSP Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The TSP monitor was calibrated on February 20th. The monitor had 100% uptime for the month of February.

4.2 MONITORING RESULTS AND TRENDS

Table 4-2 summarizes the hourly and daily concentrations recorded in February 2025, and Table 4-3 summarizes the recorded exceedances. Figure 4-1 illustrates the time series for hourly PM, Figure 4-2 to Figure 4-4 illustrates the histograms for hourly PM, Figure 4-5 illustrates the time series for daily PM, Figure 4-6 displays the wind rose for the 24-hour TSP, and Figure 4-7 illustrates the time series for hourly PM over different time periods.

There were no exceedances of the 24-hour $PM_{2.5}$ AAAQO, no exceedances of the 1-hour $PM_{2.5}$ AAAQG, and 6 exceedances of the 24-hour TSP AAAQO recorded in February.

Historically in February, the average number of 24-hour TSP AAAQO exceedances and 24-hour $PM_{2.5}$ AAAQO exceedances is 7 and 0, respectively. The maximum number of 24-hour TSP AAAQO exceedances recorded in February was 11 days in 2022.

Due to flood mitigation construction at Exshaw creek the Windridge monitoring station was taken out of operation and removed from the site on April 8th, 2019. The flood mitigation work was completed in August 2020. The Windridge station was reinstalled for September 1st, 2020. As per the photo presented in section 1.1 the flood mitigation work has left an exposed creek bed area immediately west of the Windridge monitor that may contribute to an increase in TSP levels. Further, the strong wind gusting that occurred in February would have contributed to

increased particulate levels that may have arisen from multiple sources: Lafarge Plant, Exshaw Creek, dry sections of the Bow River, and open areas.

Table 4-2 Summary of February 2025 data at the Windridge Station

Parameter	Guideline		Station	Exceedances		Monthly		Maximum 1-hour					Maximum 24-hour		Operational Time (Percent)
	1-hr	24-hr		1-hr	24-hr	Minimum	Average	Maximum Concentration	Day	Hour	Wind Speed (km/hr)	Wind Direction (degrees)	Maximum Concentration	Day	
$PM_{2.5}$ ($\mu g/m^3$)	80	29	Windridge	0	0	0.0	5.3	52.0	27	11	35.4	214.5	13.9	27	100.0
PM_{10} ($\mu g/m^3$)	-	-	Windridge	-	-	0.0	56.4	234.0	12	24	24.2	243.6	88.8	12	100.0
TSP ($\mu g/m^3$)	-	100	Windridge	-	6	0.0	84.5	985.0	27	13	40.7	226.0	398.4	27	100.0

Table 4-3 Days exceeding the TSP AAAQO or $PM_{2.5}$ AAAQO at the Windridge Station

Date	TSP (ug/m^3)	$PM_{2.5}$ (ug/m^3)	Average Wind Direction (degrees)	Average Wind Speed (km/hr)	Average RH (%)	Root Cause (Provided by Lafarge)
Windridge						
2025-02-12	148.2	-	242.2	21.7	55.7	high wind event
2025-02-19	193.4	-	237.8	29.7	53.2	high wind event
2025-02-21	164.1	-	219.9	25.2	44.7	high wind event
2025-02-22	153.6	-	199.9	35.2	41.2	high wind event
2025-02-26	163.8	-	203.3	26.3	37.5	high wind event
2025-02-27	398.4	-	212.2	33.9	32.5	high wind event
Total # of Exceedances	**6**	**0**				
Maximum # of Exceedances (February)	**11 (2022)**	**1 (2022)**				
Average # of Exceedances (February)	**7**	**0**				
Minimum # of Exceedances (February)	**2 (2024)**	**0 (2018, 2019, 2021, 2024)**				

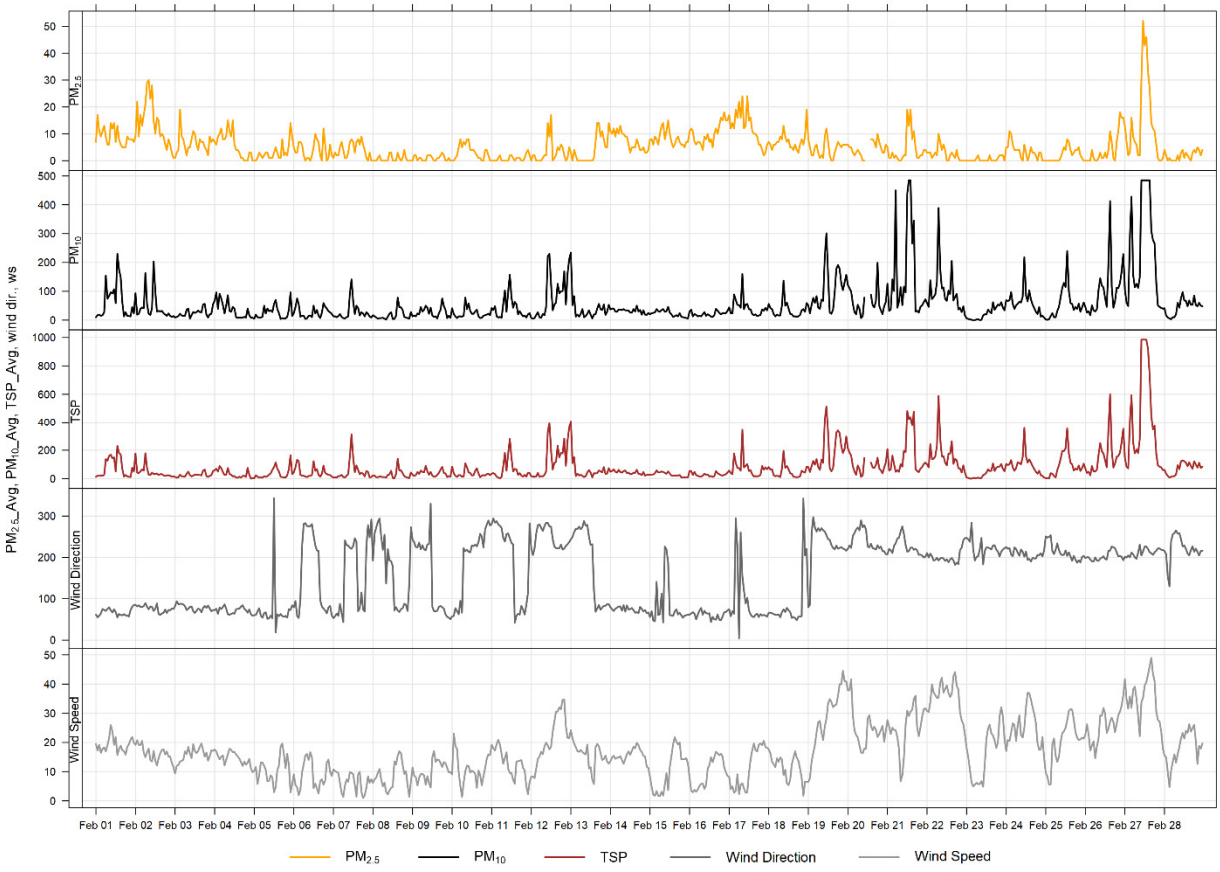

Figure 4-1 1-hour particulate matter concentrations recorded at the Windridge monitor

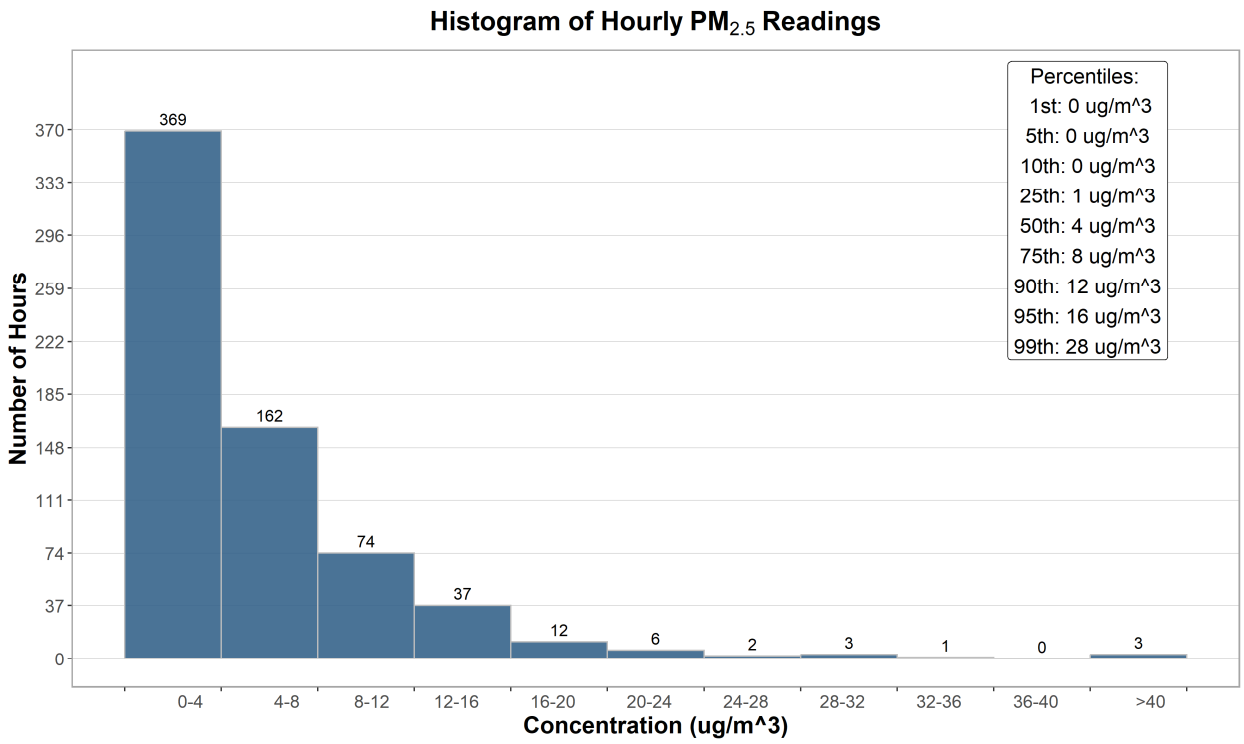

Figure 4-2 Histogram of hourly $PM_{2.5}$ concentrations at the Windridge station

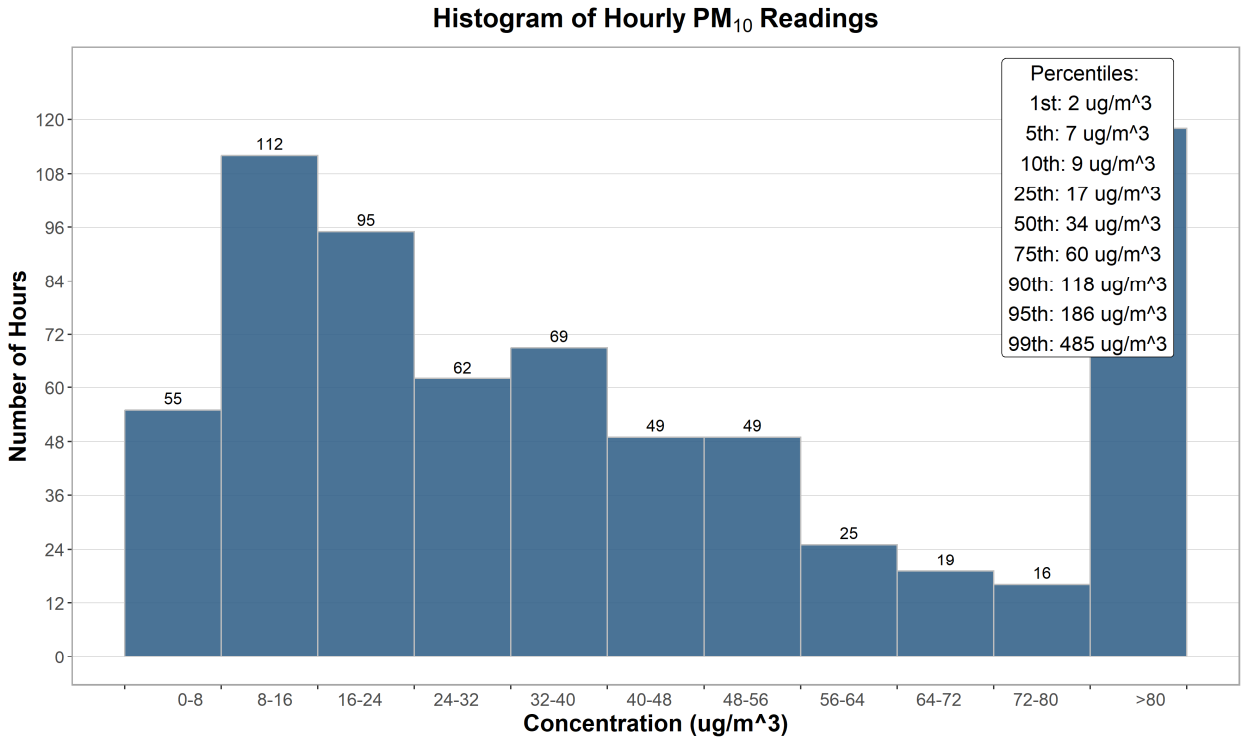

Figure 4-3 Histogram of hourly PM_{10} concentrations at the Windridge station

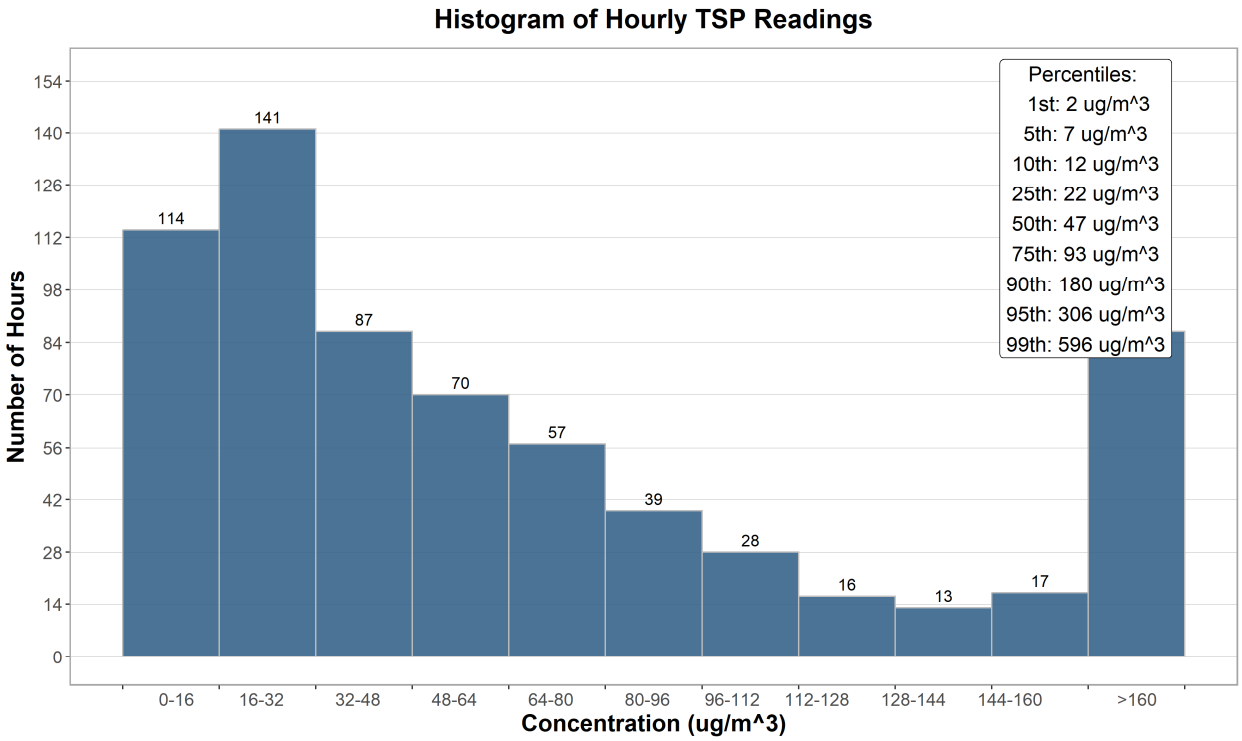

Figure 4-4 Histogram of hourly TSP concentrations at the Windridge station

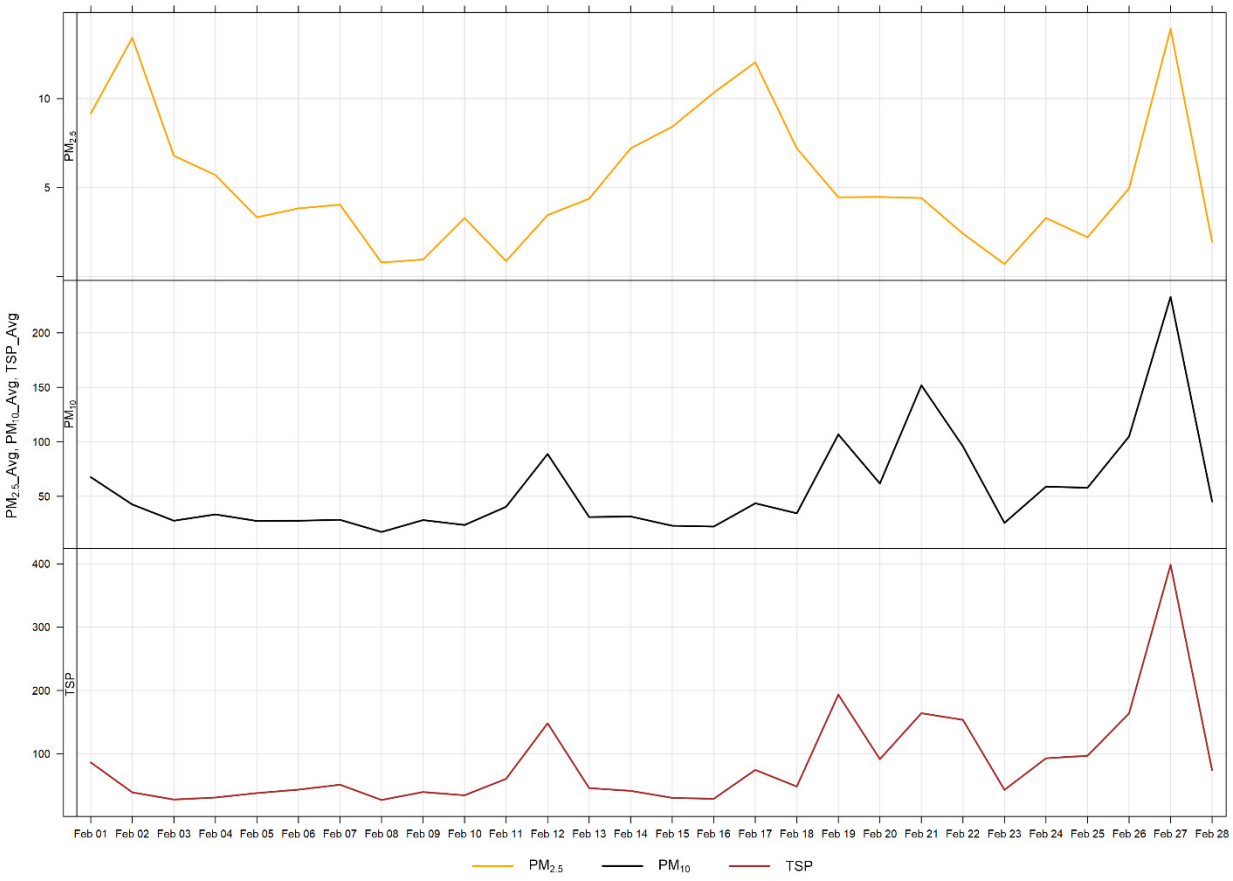

Figure 4-5 24-hour particulate matter concentrations at the Windridge monitor

Figure 4-6 shows the wind rose for the 6 days of TSP exceedances. The wind roses shows that the winds predominantly came from the south and south-southwest directions, and were predominantly over 25 km/hr, suggesting that the TSP exceedances were largely driven by windblown fugitive dust.

Figure 4-7 illustrates the hourly PM concentrations recorded at the Windridge monitor, averaged over different time periods. The plot across the top shows the variation of PM over the course of a week, while the bottom three plots show the changes in PM over the course of a day, month and weekday, respectively. Figure 4-7 is based on data collected during February 2025. Similar to the Lagoon station, typically PM concentrations show a diurnal pattern associated with Lafarge operations, daytime emissions from traffic and other activities. The diurnal patterns also follow the diurnal pattern of higher wind speeds during the daytime hours.

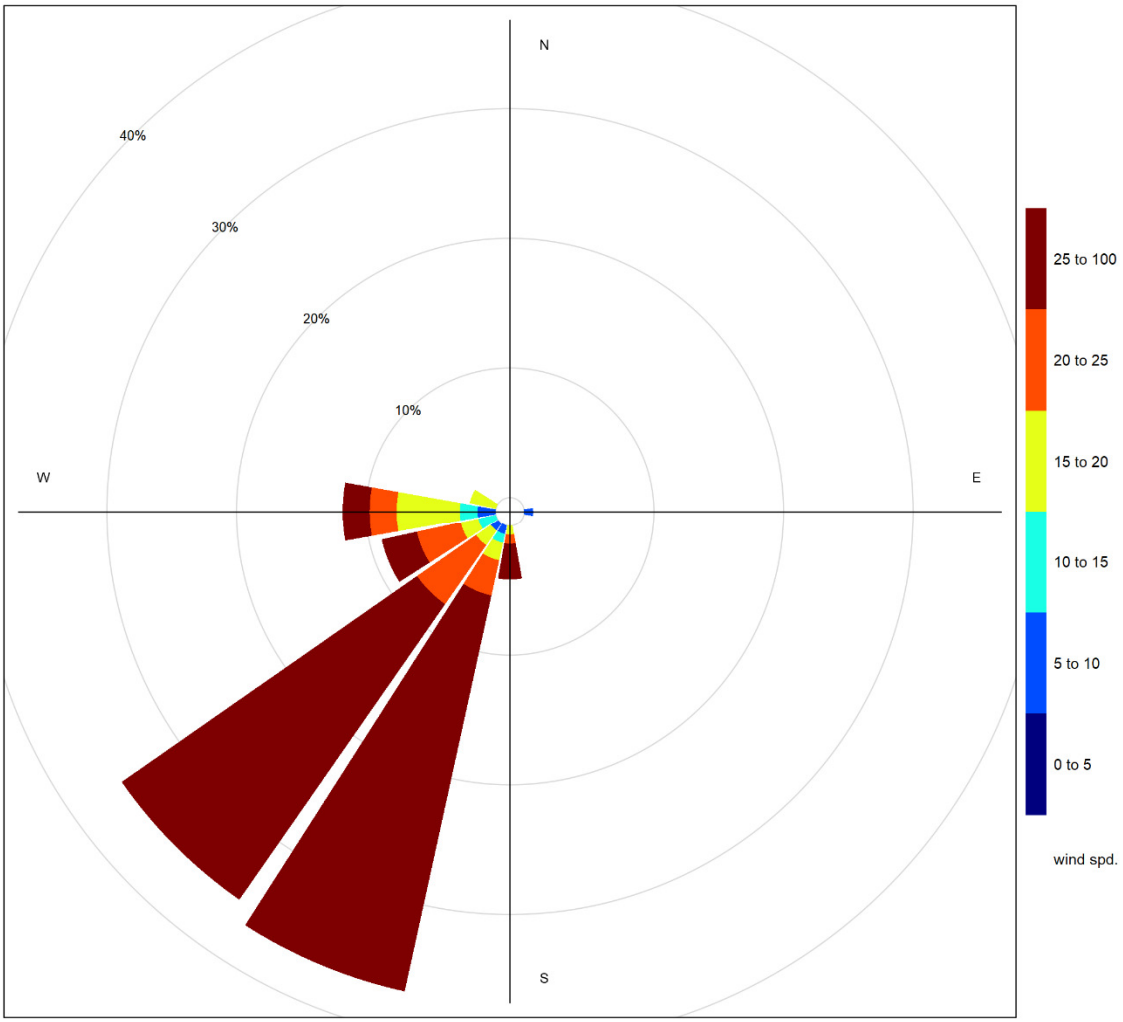

Figure 4-6 Wind rose for TSP exceedance days recorded at the Windridge Station

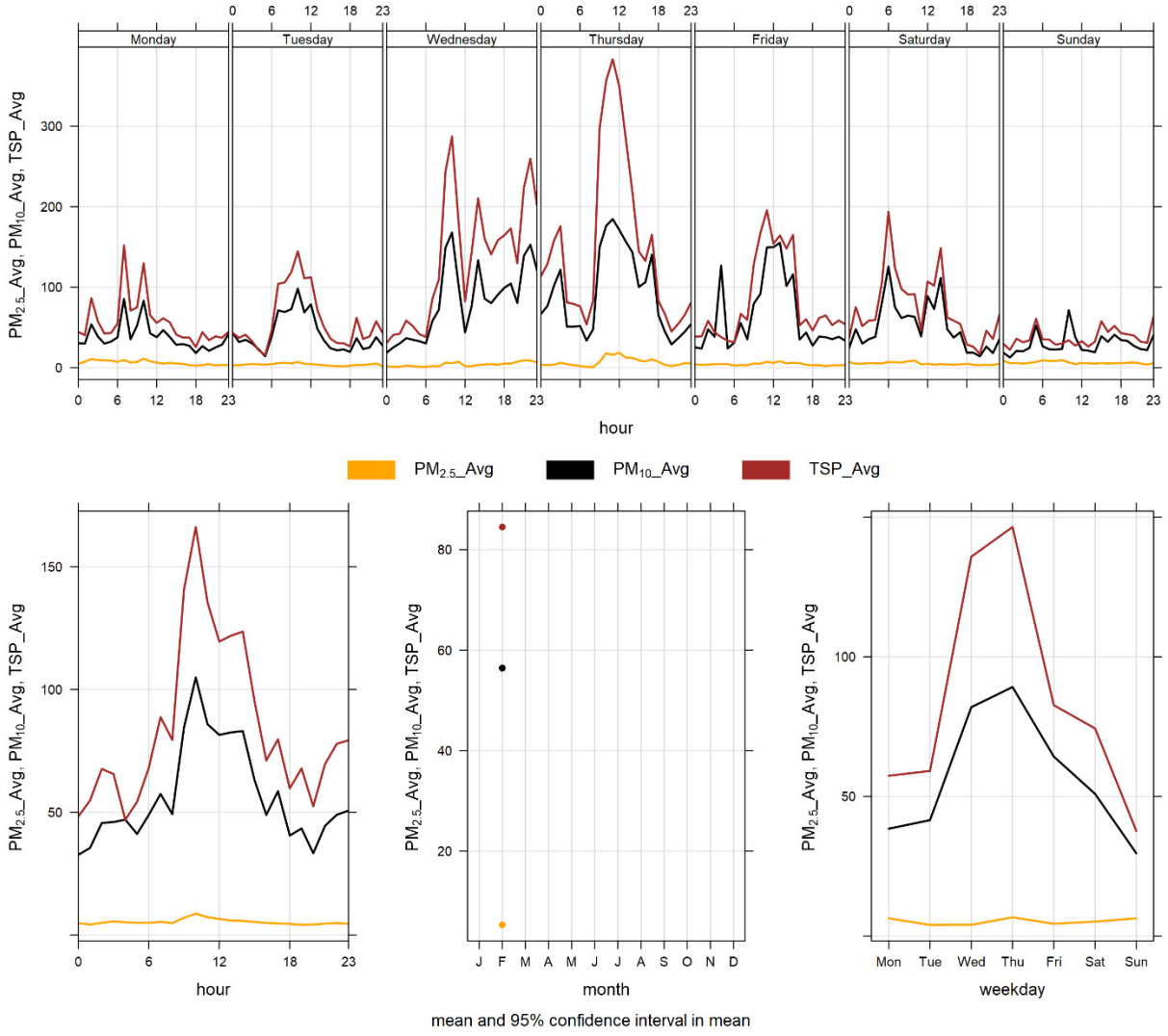

Figure 4-7 Windridge particulate matter time variation

5 BERM INDUSTRIAL GRIMM

5.1 OPERATIONAL SUMMARY

A summary of the station operation for the month is provided in **Table 5-1**.

Table 5-1 Instrumentation List at the West monitoring location

Parameter Measured	Equipment Description	Notes
$PM_{2.5}$, PM_{10}, TSP Concentrations	GRIMM 365 Continuous Particulate Monitor	The analyzer had 100% uptime for the month of February.

5.2 MONITORING RESULTS AND TRENDS

The Berm monitor was placed at its current location as a result of the dispersion modelling conducted for the facility. Figure 5-1 and Figure 5-2 show the hourly and daily $PM_{2.5}$, PM_{10}, and TSP concentrations recorded over the month. Table 5-2 summarizes the maximum 1-hour and 24-hour PM concentrations recorded during the month, and Table 5-3 summarizes the recorded exceedances. This is an industrial monitor that is not Alberta Air Monitoring Directive (AMD) compliant and is not required to show compliance with the AAAQO.

There were 11 exceedances of the 24-hour TSP Guideline (100 µg/m^3). There were 2 exceedances of the 24-hour $PM_{2.5}$ (29µg/m^3) and 14 hours exceeding the 1-hour $PM_{2.5}$ Guideline.

Historically during the month of February, the Berm monitor records an average of 16 and 1 exceedances of the 24-hour TSP and $PM_{2.5}$ guidelines, respectively. The maximum number of TSP exceedances recorded during February occurred in 2013 where there were 24 days that exceeded the guideline. On the other hand, the maximum number of $PM_{2.5}$ exceedances in February was 7 days in 2023.

It should also be noted that the GRIMM monitors become more conservative in the reported PM concentrations as the size fraction increases. The $PM_{2.5}$ size fraction has been shown to match other regulatory approved $PM_{2.5}$ monitors, but the TSP concentrations recorded by the GRIMM tend to be higher than regulatory approved monitors (Levelton, 2015).

The Berm monitor is located along a ridge at the edge of the Lafarge property and is in an area where on-site trucks drive through site, which can create fugitive dust. Quarry blasting also has the potential to impact short term PM immediately following a blast. The strong wind gusting that occurred in July would have also contributed to increased particulate levels that may have arisen from multiple sources: Lafarge Plant, Exshaw Creek, dry sections of the Bow River, and open areas.

Table 5-2 Summary of February 2025 data at the Berm GRIMM

Parameter	Guideline		Station	Exceedances		Monthly		Maximum 1-hour					Maximum 24-hour		Operational Time (Percent)
	1-hr	24-hr		1-hr	24-hr	Minimum	Average	Maximum Concentration	Day	Hour	Wind Speed (km/hr)	Wind Direction (degrees)	Maximum Concentration	Day	
$PM_{2.5}$ ($\mu g/m^3$)	80	29	Berm	14	2	0.2	11.7	361.0	1	10	23.8	66.9	71.8	1	100.0
PM_{10} ($\mu g/m^3$)	-	-	Berm	-	-	0.2	37.8	753.0	27	11	35.4	214.5	232.1	27	100.0
TSP ($\mu g/m^3$)	-	100	Berm	-	11	0.2	270.8	2271.6	27	12	39.5	226.1	814.6	27	100.0

Table 5-3 Days exceeding the Guideline for TSP or $PM_{2.5}$ at the Berm Monitor

Date	TSP (ug/m^3)	$PM_{2.5}$ (ug/m^3)	Average Wind Direction (degrees)	Average Wind Speed (km/hr)	Average RH (%)	Root Cause (Provided by Lafarge)
Berm						
2025-02-01	119.6	72	68.7	19.1	83.1	
2025-02-11	163.9	-	279.6	12.3	67.5	
2025-02-12	292.3	-	242.2	21.7	55.7	high wind event
2025-02-19	462.1	-	237.8	29.7	53.2	high wind event
2025-02-20	141.4	-	235.7	24.5	48.9	high wind event
2025-02-21	258.1	-	219.9	25.2	44.7	high wind event
2025-02-22	212.0	-	199.9	35.2	41.2	high wind event
2025-02-24	112.9	-	206.9	24.7	40.6	high wind event
2025-02-25	117.9	-	205.8	20.7	41.5	high wind event
2025-02-26	182.6	-	203.3	26.3	37.5	high wind event
2025-02-27	814.6	37	212.2	33.9	32.5	high wind event
Total # of Exceedances	**11**	**2**				
Maximum # of Exceedances (February)	**24 (2013)**	**7 (2023)**				
Average # of Exceedances (February)	**16**	**1**				
Minimum # of Exceedances (February)	**0 (2024)**	**0 (2010, 2012, 2013, 2014, 2017, 2024)**				

Figure 5-1 1-hour particulate matter concentrations at the Berm monitor

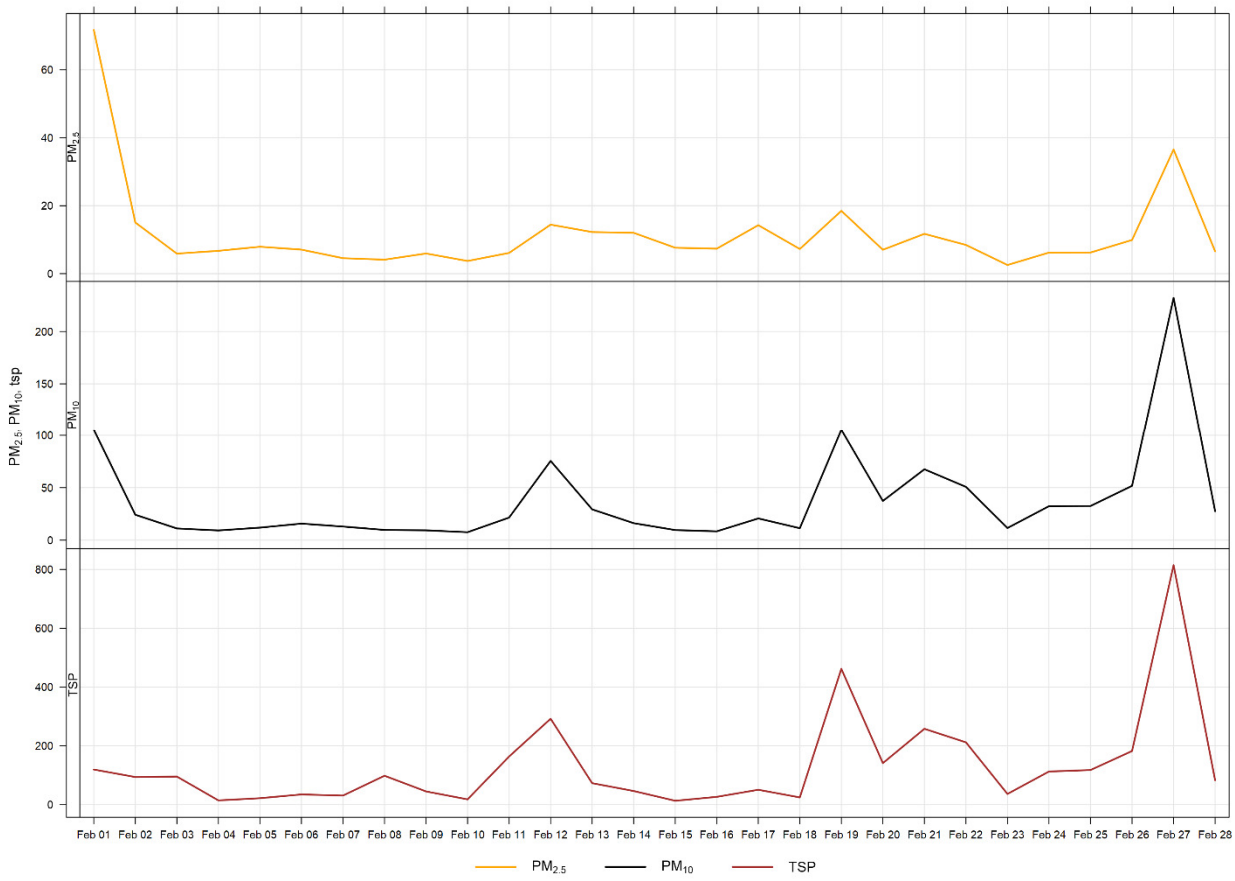

Figure 5-2 24-hour particulate matter concentrations at the Berm monitor

Figure 5-3 shows the wind rose for the 2 days of TSP exceedances. The wind rose shows that the wind predominately came from the south and south-southwest directions, in high wind speeds (>20 km/h).

Figure 5-4 shows the wind rose for the 11 days of $PM_{2.5}$ exceedances. The wind rose shows that the wind predominately came from the east-northeast, south and south-southwest directions, in high wind speeds (>20 km/h).

Figure 5-5 shows the variation of PM recorded at the Berm monitor over various time averaging periods. The Berm monitor diurnal pattern, similar to the Lagoon station, and is associated with Lafarge operations, but also daytime emissions from other activities and sources in Exshaw.

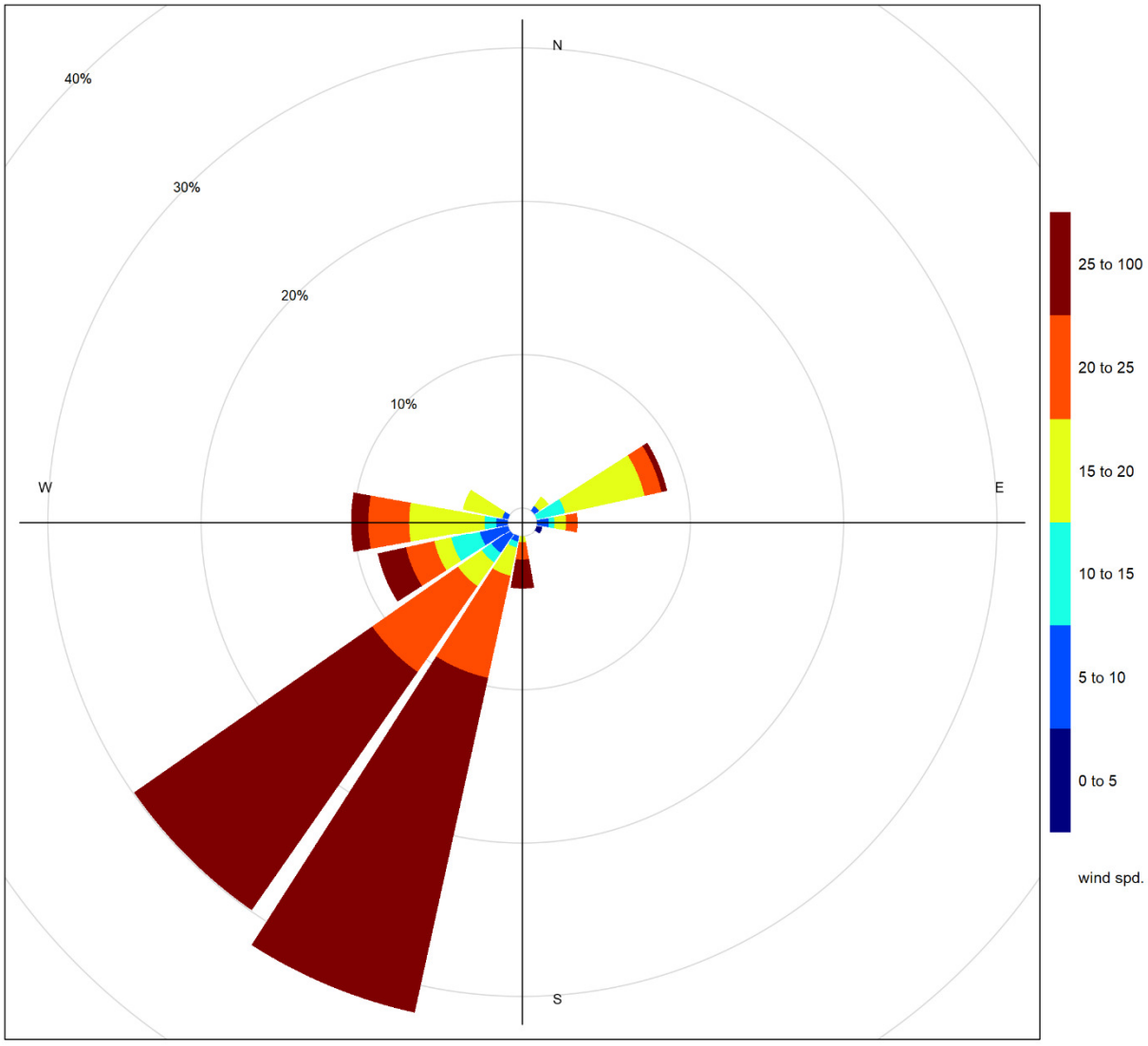

Figure 5-3 Windrose for TSP exceedance days recorded at the Berm GRIMM

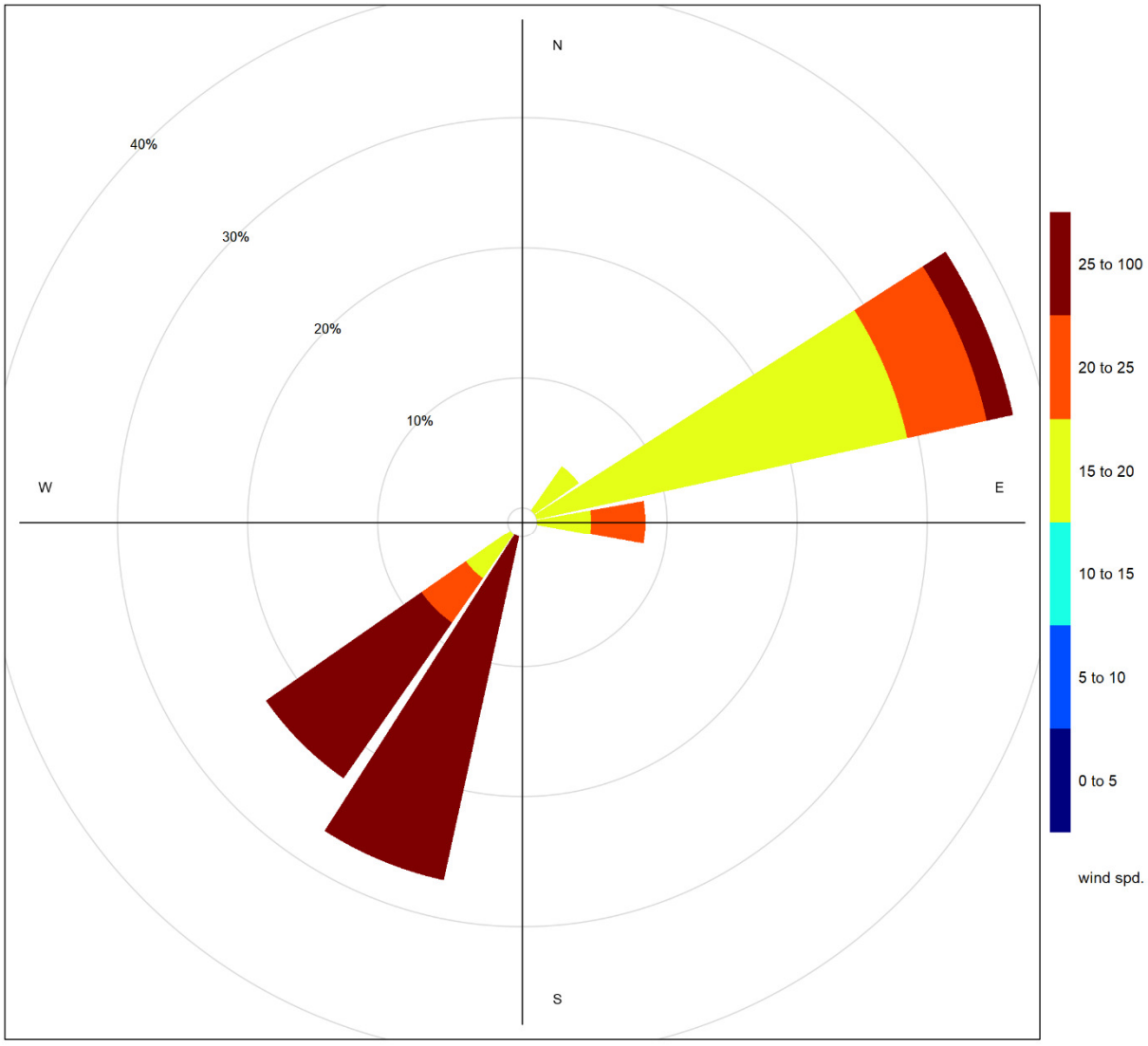

Figure 5-4 Windrose for $PM_{2.5}$ exceedance days recorded at the Berm GRIMM

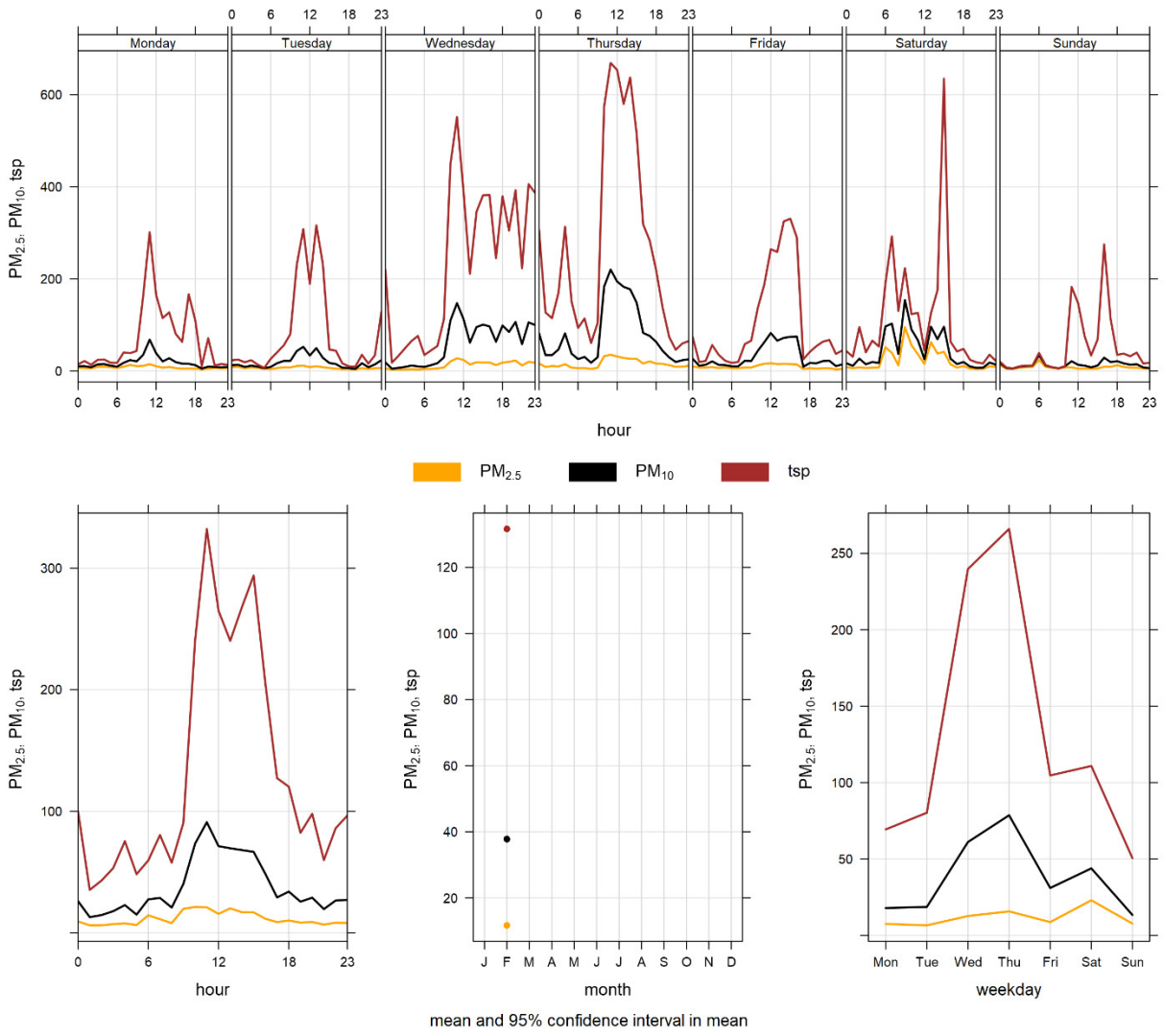

Figure 5-5 Berm monitor particulate matter time variation

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- Alberta Environment and Parks. (2016, April). Air Monitoring Directive. Alberta, Canada.
- Carslaw, D.C. and K. Ropkins, (2012). Openair — an R package for air quality data analysis. Environmental Modelling & Software. Volume 27–28, 52–61.
- Levelton Consultants Ltd. (2015, June 15). Comparison of GRIMM and E-BAM Data. Alberta, Can

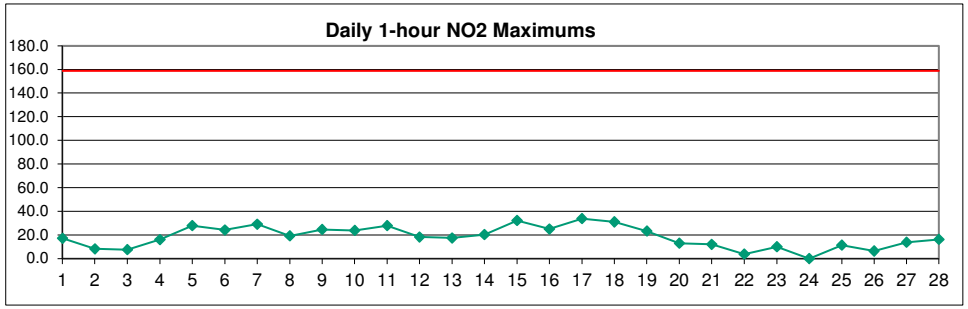
APPENDIX

A DATA & CALIBRATION REPORTS

APPENDIX

Lagoon NO_2 (ppb) – February 2025

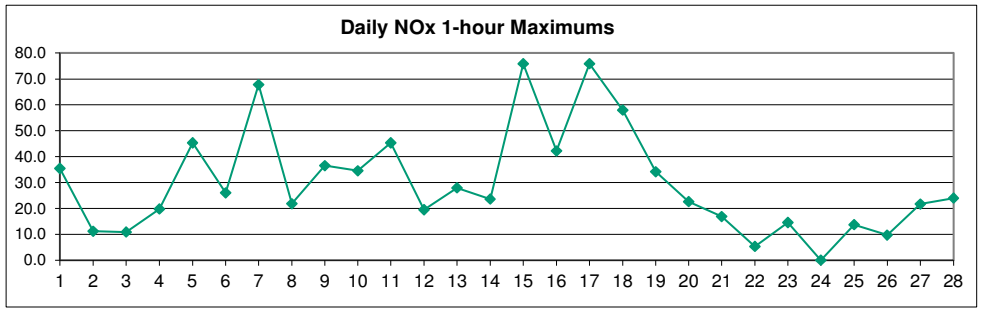
Day	HOUR																								
	17.2	S	13.2	8.5	9.3	9.2	7.7	7.3	6.5	8.1	4.7	4.4	8.7	6.5	8.9	9.1	8.1	15.1	13.7	12.0	7.1	7.6	7.7	7.5	9.0	17.2
	6.5	S	5.2	5.2	5.1	3.8	4.1	5.1	4.9	4.9	3.6	2.7	2.3	2.7	3.4	4.4	4.1	4.8	3.5	2.9	3.2	5.4	8.3	4.7	4.4	8.3
	2.7	S	3.7	3.6	3.5	3.5	3.7	3.7	3.8	3.4	2.9	2.4	2.3	2.8	3.6	6.1	4.9	5.7	6.7	5.9	5.4	5.9	7.0	7.6	4.4	7.6
	6.5	S	7.3	9.4	12.7	13.0	12.3	15.9	16.1	12.1	7.3	5.9	4.8	3.4	2.9	2.8	3.7	6.6	10.8	9.4	8.6	12.6	13.6	10.5	9.0	16.1
	10.4	S	14.5	11.0	10.6	7.7	21.8	22.0	14.9	16.7	11.4	15.9	20.9	13.0	13.3	10.7	12.0	14.5	17.8	18.4	11.3	21.7	27.9	19.9	15.6	27.9
	11.7	S	24.2	23.2	14.9	8.1	6.5	6.7	8.9	9.0	7.5	9.1	10.1	10.6	6.2	8.0	7.6	14.5	8.9	8.0	3.5	3.8	6.2	14.3	10.1	24.2
	16.2	S	13.1	15.9	13.9	24.9	23.0	29.1	27.8	26.1	15.5	8.9	7.9	9.8	16.3	11.0	16.3	21.3	28.7	25.1	10.1	10.1	8.2	9.0	16.9	29.1
	11.3	S	8.6	11.3	11.3	10.7	11.4	15.3	17.0	13.3	10.9	8.3	1.7	1.5	3.2	2.2	4.0	8.0	4.4	3.5	6.7	16.0	16.7	19.3	9.4	19.3
	16.5	S	13.3	16.5	19.9	14.7	17.8	23.0	24.7	15.6	12.2	6.4	4.0	4.0	3.8	3.8	3.0	4.0	5.0	5.6	11.2	16.7	21.9	22.5	12.4	24.7
	11.1	S	3.4	5.3	9.1	23.8	17.8	16.3	19.5	17.3	13.0	8.7	6.5	7.4	4.9	3.3	9.1	5.6	9.9	7.2	8.3	5.4	6.0	5.7	9.8	23.8
	6.5	S	6.1	6.0	5.5	6.5	9.3	15.3	17.7	18.3	12.0	15.6	9.4	8.7	12.5	7.0	8.8	3.8	5.2	16.1	9.9	22.5	27.8	16.8	11.6	27.8
	18.3	S	11.4	10.6	9.3	9.7	12.1	9.6	11.1	7.6	9.4	8.2	9.3	1.8	1.6	1.6	1.9	4.4	1.8	3.4	3.8	4.8	9.3	4.8	7.2	18.3
	5.1	S	11.3	8.4	7.8	8.4	8.7	6.4	6.8	6.0	13.2	5.2	3.2	4.9	7.5	10.5	17.5	16.4	9.7	9.5	5.7	4.2	4.2	9.2	8.2	17.5
	9.7	S	6.7	7.8	10.0	11.0	13.3	10.9	13.0	8.8	6.7	7.5	7.3	6.8	7.0	6.8	8.5	8.8	11.5	13.1	16.5	17.8	14.9	20.2	10.6	20.2
	17.6	S	12.9	14.7	19.5	20.6	23.2	29.6	24.0	19.8	16.9	20.9	16.3	13.2	6.1	6.4	8.0	12.1	11.1	21.5	28.6	23.3	28.2	32.3	18.6	32.3
	12.7	S	21.8	20.5	18.4	19.7	25.0	22.8	19.7	20.3	17.1	14.6	12.6	14.1	18.9	15.9	11.3	13.4	18.6	11.9	14.9	21.2	22.1	15.8	17.5	25.0
	16.8	S	25.5	19.0	32.0	33.9	33.2	33.2	27.6	18.3	20.3	22.3	21.2	21.1	18.8	14.9	9.7	13.7	7.8	8.9	14.9	18.1	16.5	13.9	20.1	33.9
	19.1	S	29.7	27.2	24.7	20.8	16.1	21.6	27.1	21.9	15.0	15.7	15.0	14.7	13.4	11.6	13.3	13.2	27.2	29.9	18.3	26.2	25.2	31.2	20.8	31.2
	23.3	S	7.1	9.2	9.8	9.7	10.5	13.7	11.3	9.6	9.5	3.7	3.7	2.5	2.4	1.9	2.6	2.1	1.7	1.7	1.6	2.4	2.1	2.9	6.3	23.3
	5.3	S	6.2	8.4	6.4	12.4	13.0	10.2	11.4	8.1	9.4	3.0	2.3	4.6	2.4	1.4	1.3	4.1	2.6	2.6	2.3	3.3	1.9	2.3	5.4	13.0
	5.0	S	1.8	4.8	7.2	3.6	7.3	12.0	11.5	11.1	3.8	2.0	2.5	3.1	5.1	2.9	4.0	2.7	1.2	0.9	0.8	1.1	1.0	2.2	4.2	12.0
	2.5	S	1.9	0.9	1.4	1.8	1.5	1.8	2.6	3.9	1.2	0.8	0.9	1.1	2.8	3.2	1.3	1.1	2.5	3.2	2.4	3.5	2.1	3.5	2.1	3.9
	2.7	S	3.7	3.4	6.8	7.0	7.8	7.1	5.3	3.2	2.5	1.9	2.1	4.1	1.7	5.0	4.3	4.8	6.7	2.2	10.0	5.2	8.2	5.4	4.8	10.0
	6.2	S	2.6	2.0	3.3	3.3	3.0	3.0	7.7	6.2	6.2	C	C	C	C	C	C	C	1.1	3.5	3.7	5.5	10.4	5.9	-	-
	4.2	S	4.3	7.2	5.0	4.6	8.3	11.5	6.5	6.5	5.5	7.7	2.2	4.3	2.8	1.4	1.9	2.7	1.5	1.7	2.9	6.3	3.5	5.1	4.7	11.5
	4.3	S	2.5	1.0	1.1	2.9	3.3	3.6	3.2	5.4	6.5	4.1	0.9	0.7	1.4	4.3	5.1	5.5	1.6	1.1	2.0	1.5	1.4	2.8	2.9	6.5
	2.4	S	3.6	5.5	4.0	6.0	4.2	5.6	13.9	3.9	6.1	8.2	7.8	5.8	3.0	3.6	5.2	2.9	5.8	6.6	6.3	5.0	6.0	3.5	5.4	13.9
	6.4	S	14.1	9.0	7.0	9.6	10.2	16.2	9.4	7.4	4.4	5.8	3.1	1.7	0.9	6.7	5.9	5.1	8.1	7.4	1.8	7.6	5.2	3.5	6.8	16.2
	28	-	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	28	28	28	28	28	28	637	100%
	9.9	-	10.0	9.8	10.3	11.1	12.0	13.5	13.4	11.2	9.1	8.1	7.0	6.5	6.5	6.2	6.8	8.0	8.4	8.7	7.9	10.2	11.2	10.8		
	23.3	-	29.7	27.2	32.0	33.9	33.2	33.2	27.8	26.1	20.3	22.3	21.2	21.1	18.9	15.9	17.5	21.3	28.7	29.9	28.6	26.2	28.2	32.3		



Number of 1HR Exceedences	0		
Number of Non-Zero Readings	637		
Maximum 1-HR Average	33.9 PPB		
Maximum 24-HR Average	20.8 PPB		
		Opperational Time	672 HRS
Monthly Calibration	7	Opperational Uptime	100.0 %
Standard Deviation	7.0	Monthly Average	9.4 PPB

Lagoon NOx (ppb) – February 2025

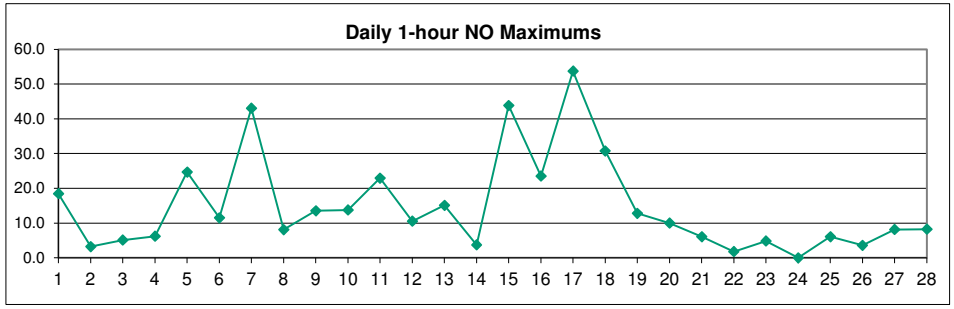
Day	HOUR																								
	35.5	S	19.4	8.6	10.3	9.6	7.8	7.3	7.0	12.3	5.6	6.3	18.8	10.1	14.7	13.5	11.6	28.7	26.2	16.3	7.4	7.5	7.6	7.5	13.0	35.5
	6.6	S	5.5	5.3	5.1	3.8	4.1	5.5	5.1	6.1	4.7	3.9	3.3	4.8	5.7	7.0	5.7	5.8	3.8	3.2	3.6	6.8	11.2	5.1	5.3	11.2
	2.7	S	3.6	3.6	3.4	3.6	4.0	3.9	4.0	4.2	4.5	4.1	4.0	5.0	6.1	10.9	5.8	5.9	7.0	5.9	5.6	6.1	7.1	7.9	5.2	10.9
	6.5	S	7.4	9.6	12.9	13.0	12.5	19.8	19.3	17.8	12.0	9.9	8.6	5.6	4.3	4.1	4.2	6.9	15.2	9.9	8.7	18.5	18.6	12.0	11.2	19.8
	12.0	S	17.4	13.5	14.1	8.8	42.2	34.6	19.5	29.4	18.5	31.0	45.3	24.5	29.9	21.3	19.8	22.2	25.7	29.9	13.4	26.8	38.5	31.7	24.8	45.3
	15.4	S	26.1	24.4	17.3	11.8	11.1	8.2	12.2	15.0	13.9	16.5	21.2	21.1	9.2	10.4	9.2	18.2	9.3	8.5	3.5	3.8	6.6	19.5	13.6	26.1
	24.1	S	13.9	16.4	13.9	67.8	28.6	42.9	48.2	53.7	31.4	17.8	15.5	19.0	33.1	17.2	21.9	24.8	50.7	37.5	12.6	12.3	9.7	10.3	27.1	67.8
	17.2	S	10.4	16.1	14.0	11.1	14.9	15.2	21.2	18.4	18.5	14.5	2.2	1.8	4.3	2.6	5.0	10.5	4.9	3.5	6.9	18.0	17.6	21.8	11.8	21.8
	18.1	S	13.5	17.9	23.3	15.3	18.8	24.9	36.5	22.9	20.4	9.2	7.6	6.0	5.5	5.1	3.3	4.2	5.0	5.9	15.6	21.8	35.2	34.0	16.1	36.5
	17.4	S	3.7	6.0	9.2	34.5	18.6	16.9	24.1	28.5	26.5	18.1	13.1	14.5	8.3	4.9	13.0	6.1	10.7	7.9	13.7	6.6	8.9	7.5	13.9	34.5
	7.8	S	6.8	6.2	5.7	7.8	11.0	20.6	32.7	31.1	17.1	28.5	14.7	13.8	20.4	9.4	11.5	4.0	5.2	20.5	10.0	45.3	36.8	17.0	16.7	45.3
	18.6	S	12.8	13.5	11.0	11.8	16.1	11.7	17.0	9.8	18.5	15.7	19.5	2.8	2.2	2.0	2.3	6.7	2.1	5.3	4.4	5.4	14.0	5.3	9.9	19.5
	6.0	S	17.8	12.6	11.0	13.3	12.8	7.9	8.6	8.4	28.0	8.8	5.0	8.6	13.4	14.5	20.1	17.2	9.8	9.4	5.5	4.1	4.1	9.2	11.1	28.0
	9.6	S	6.8	7.7	10.0	11.0	13.6	10.8	14.8	9.7	8.1	9.6	10.1	9.0	10.3	8.4	10.3	9.0	11.5	13.4	19.8	21.2	16.1	23.7	11.9	23.7
	18.7	S	12.9	14.8	19.9	21.5	23.7	35.2	35.2	36.1	31.7	57.4	43.8	31.1	9.5	9.2	11.9	18.9	13.5	37.5	57.7	42.3	57.6	75.9	31.1	75.9
	13.6	S	28.7	24.2	21.9	27.7	32.1	31.7	26.0	36.2	33.4	30.8	27.8	29.9	42.3	30.5	13.4	18.1	27.3	13.3	18.0	28.1	33.3	18.0	26.4	42.3
	17.7	S	27.8	20.0	38.1	60.8	46.5	41.4	48.5	34.3	52.3	75.9	67.4	63.5	44.9	30.4	12.2	17.6	8.4	12.8	22.9	26.7	27.6	22.1	35.6	75.9
	30.0	S	58.0	46.9	50.9	31.2	24.5	43.0	57.7	49.7	32.0	36.2	37.0	34.2	27.9	21.9	23.2	19.3	44.3	46.6	18.6	27.0	25.7	45.8	36.2	58.0
	34.1	S	8.4	13.5	15.3	16.3	16.8	26.2	18.2	19.3	19.0	5.9	5.8	3.4	3.2	2.1	3.1	2.3	1.6	1.7	1.5	2.8	2.4	3.2	9.8	34.1
	7.3	S	10.2	13.8	9.0	21.6	22.6	16.1	18.6	12.3	17.7	4.2	3.3	6.9	3.2	1.6	1.4	4.6	2.7	2.7	2.3	3.4	1.8	2.4	8.2	22.6
	5.7	S	1.9	5.5	11.7	3.9	9.6	15.5	14.7	16.8	4.9	2.5	3.1	4.3	8.2	3.6	5.2	3.4	1.1	0.9	0.6	1.1	0.9	2.4	5.6	16.8
	2.6	S	1.9	0.8	1.5	2.0	1.5	2.0	3.1	5.3	1.2	0.8	1.0	1.2	3.9	4.1	1.4	1.1	2.7	3.3	2.6	5.0	2.1	4.6	2.4	5.3
	2.6	S	4.9	3.3	7.2	7.4	8.1	7.4	6.5	4.4	3.2	2.3	2.6	6.2	1.8	6.7	5.4	5.6	8.9	2.2	14.5	6.1	11.1	5.5	5.8	14.5
	7.7	S	2.6	2.1	3.6	3.5	3.4	3.6	9.9	7.9	9.4	C	C	C	C	C	C	C	1.0	4.2	5.1	7.2	16.7	11.3	-	-
	4.2	S	4.3	9.5	5.6	4.5	11.5	13.7	7.8	10.1	8.5	13.4	3.0	6.4	3.8	1.8	2.4	3.0	1.6	1.6	3.1	7.7	3.7	5.4	5.9	13.7
	4.6	S	2.4	1.0	1.0	2.9	4.3	4.7	4.2	7.2	9.7	6.0	1.0	0.6	1.7	5.7	7.2	7.6	1.7	0.9	2.0	1.4	1.3	3.1	3.6	9.7
	2.5	S	4.1	6.5	4.5	8.0	4.9	6.4	21.7	5.2	9.7	14.0	14.4	8.5	4.0	4.3	7.4	3.5	7.9	9.4	8.5	6.4	7.2	3.8	7.5	21.7
	7.5	S	14.5	9.1	8.3	13.1	13.6	24.0	12.4	10.4	6.2	8.8	4.2	2.2	1.0	9.6	8.3	6.5	9.9	8.6	1.6	9.6	5.7	3.5	8.6	24.0
	28	-	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	28	28	28	28	28	28	637	100%
	12.7	-	12.4	11.9	12.8	16.0	15.7	17.9	19.8	18.7	16.7	16.7	14.9	12.8	12.0	9.7	9.1	10.4	11.4	11.5	10.4	13.5	15.3	15.0		
	35.5	-	58.0	46.9	50.9	67.8	46.5	43.0	57.7	53.7	52.3	75.9	67.4	63.5	44.9	30.5	23.2	28.7	50.7	46.6	57.7	45.3	57.6	75.9		



Number of Non-Zero Readings	637		
Maximum 1-HR Average	75.9 PPB		
Maximum 24-HR Average	36.2 PPB		
		Opperational Time	672 HRS
Monthly Calibration	7	Opperational Uptime	100.0 %
Standard Deviation	12.74	Monthly Average	13.8 PPB

Lagoon NO (ppb) – February 2025

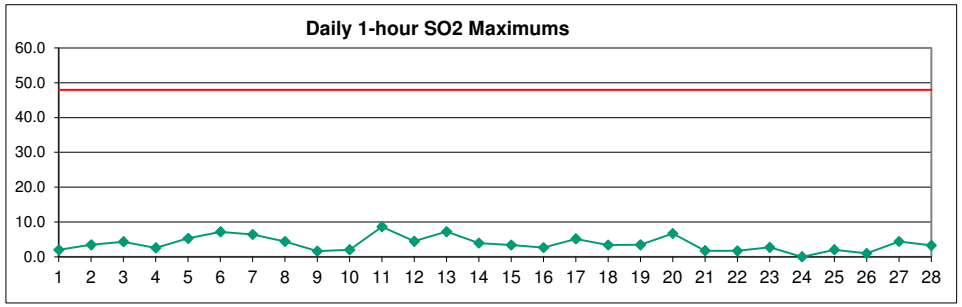
Day	HOUR																								
	18.5	S	6.6	0.4	1.3	0.7	0.4	0.3	0.9	4.6	1.1	2.2	10.4	3.9	6.1	4.8	4.0	14.0	12.9	4.7	0.6	0.2	0.2	0.3	4.3	18.5
	0.4	S	0.5	0.4	0.3	0.2	0.3	0.6	0.5	1.5	1.4	1.5	1.2	2.4	2.6	2.9	1.8	1.3	0.5	0.5	0.7	1.7	3.2	0.6	1.2	3.2
	0.1	S	0.2	0.2	0.2	0.3	0.5	0.4	0.4	1.0	1.9	2.0	2.0	2.4	2.8	5.1	1.1	0.4	0.5	0.3	0.4	0.5	0.4	0.6	1.0	5.1
	0.3	S	0.4	0.6	0.5	0.3	0.5	4.3	3.6	6.2	5.1	4.4	4.2	2.4	1.7	1.5	0.7	0.6	4.7	0.9	0.4	6.2	5.3	1.9	2.5	6.2
	1.9	S	3.2	2.8	3.8	1.4	20.7	12.8	4.9	13.0	7.5	15.4	24.7	11.8	16.9	11.0	8.3	8.0	8.2	11.8	2.4	5.3	10.8	12.1	9.5	24.7
	4.0	S	2.1	1.5	2.7	4.1	5.0	1.9	3.7	6.4	6.9	8.0	11.5	10.9	3.5	2.8	2.0	4.0	0.7	0.9	0.3	0.2	0.7	5.5	3.9	11.5
	8.2	S	1.1	0.7	0.3	43.1	5.9	13.9	20.5	27.7	16.1	9.4	8.0	9.6	17.2	6.7	6.0	3.8	22.1	12.7	2.9	2.5	1.8	1.7	10.5	43.1
	6.2	S	2.2	5.1	3.0	0.7	3.9	0.2	4.5	5.5	8.1	6.6	0.7	0.5	1.4	0.7	1.3	2.9	0.8	0.2	0.5	2.4	1.2	2.8	2.7	8.1
	1.9	S	0.5	1.6	3.7	0.8	1.2	2.2	12.1	7.7	8.5	3.1	3.9	2.3	1.9	1.6	0.5	0.4	0.3	0.6	4.6	5.5	13.5	11.8	3.9	13.5
	6.6	S	0.5	1.0	0.4	11.0	1.1	0.8	4.9	11.5	13.8	9.8	7.0	7.6	3.8	1.8	4.2	0.7	1.0	1.1	5.7	1.5	3.3	2.1	4.4	13.8
	1.6	S	1.1	0.5	0.5	1.6	2.0	5.7	15.3	13.1	5.5	13.2	5.8	5.5	8.3	2.7	3.0	0.5	0.3	4.7	0.4	23.0	9.2	0.4	5.4	23.0
	0.5	S	1.7	3.3	2.0	2.3	4.2	2.4	6.2	2.6	9.5	7.9	10.5	1.2	0.8	0.7	0.7	2.5	0.5	2.2	0.9	0.8	4.9	0.8	3.0	10.5
	1.1	S	6.8	4.5	3.5	5.3	4.5	1.9	2.2	2.8	15.1	3.9	2.1	4.0	6.3	4.5	3.0	1.1	0.4	0.2	0.1	0.1	0.2	0.3	3.2	15.1
	0.3	S	0.4	0.3	0.3	0.4	0.6	0.2	2.1	1.2	1.7	2.4	3.1	2.6	3.7	1.9	2.1	0.5	0.4	0.6	3.6	3.7	1.4	3.7	1.6	3.7
	1.4	S	0.3	0.4	0.7	1.2	0.8	5.8	11.4	16.6	15.1	36.7	27.7	18.2	3.8	3.1	4.2	7.1	2.7	16.2	29.2	19.3	29.6	43.8	12.8	43.8
	1.2	S	7.1	4.0	3.8	8.1	7.4	9.1	6.7	16.2	16.6	16.5	15.5	16.2	23.6	14.9	2.4	5.1	9.0	1.7	3.5	7.2	11.4	2.5	9.1	23.6
	1.2	S	2.5	1.3	6.3	27.0	13.4	8.4	21.0	16.3	32.2	53.7	46.3	42.6	26.3	15.8	2.9	4.2	1.0	4.1	8.2	8.9	11.3	8.5	15.8	53.7
	11.2	S	28.5	19.9	26.3	10.6	8.8	21.7	30.7	28.0	17.3	20.7	22.4	19.7	14.8	10.7	10.2	6.4	17.2	16.8	0.6	1.0	0.8	14.8	15.6	30.7
	11.1	S	1.6	4.7	5.9	7.0	6.6	12.8	7.2	10.1	9.9	2.5	2.4	1.2	1.1	0.6	0.8	0.4	0.2	0.3	0.2	0.7	0.6	0.6	3.8	12.8
	2.3	S	4.4	5.7	3.0	9.6	10.0	6.3	7.5	4.7	8.7	1.5	1.3	2.7	1.1	0.5	0.4	0.8	0.4	0.4	0.3	0.5	0.2	0.4	3.2	10.0
	1.1	S	0.3	0.9	4.8	0.6	2.6	3.8	3.5	6.1	1.4	0.8	0.8	1.6	3.5	1.0	1.5	1.0	0.3	0.2	0.1	0.3	0.2	0.5	1.6	6.1
	0.4	S	0.4	0.2	0.4	0.4	0.3	0.4	0.8	1.8	0.3	0.3	0.4	0.3	1.4	1.3	0.4	0.3	0.5	0.4	0.5	1.8	0.3	1.4	0.6	1.8
	0.2	S	1.5	0.2	0.8	0.8	0.6	0.6	1.5	1.4	0.9	0.6	0.8	2.5	0.5	2.0	1.4	1.0	2.5	0.3	4.8	1.2	3.2	0.4	1.3	4.8
	1.8	S	0.3	0.4	0.6	0.4	0.7	1.0	2.5	2.1	3.6	C	C	C	C	C	C	C	0.2	1.0	1.7	2.1	6.6	5.7	-	-
	0.3	S	0.3	2.7	0.9	0.3	3.5	2.6	1.7	3.9	3.3	6.1	1.1	2.5	1.2	0.6	0.8	0.5	0.3	0.2	0.5	1.7	0.5	0.6	1.6	6.1
	0.6	S	0.1	0.3	0.2	0.3	1.3	1.4	1.3	2.1	3.6	2.3	0.4	0.2	0.6	1.7	2.4	2.4	0.4	0.1	0.4	0.2	0.2	0.6	1.0	3.6
	0.4	S	0.8	1.3	0.8	2.3	1.0	1.1	8.2	1.7	4.0	6.2	7.0	3.1	1.3	1.1	2.5	0.9	2.4	3.2	2.5	1.7	1.6	0.7	2.4	8.2
	1.4	S	0.7	0.5	1.6	3.9	3.8	8.2	3.4	3.4	2.1	3.3	1.3	0.8	0.4	3.2	2.8	1.7	2.1	1.5	0.2	2.3	0.7	0.3	2.2	8.2
	28	-	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	28	28	28	28	28	28	637	100%
	3.1	-	2.7	2.3	2.8	5.2	4.0	4.7	6.8	7.8	7.9	8.9	8.2	6.6	5.8	3.9	2.6	2.7	3.3	3.1	2.7	3.7	4.4	4.5		
	18.5	-	28.5	19.9	26.3	43.1	20.7	21.7	30.7	28.0	32.2	53.7	46.3	42.6	26.3	15.8	10.2	14.0	22.1	16.8	29.2	23.0	29.6	43.8		



Number of Non-Zero Readings	637		
Maximum 1-HR Average	53.7	PPB	
Maximum 24-HR Average	15.8	PPB	
		Opperational Time	672 HRS
Monthly Calibration	7	Opperational Uptime	100.0 %
Standard Deviation	6.931	Monthly Average	4.7 PPB

Lagoon SO_2 (ppb) – February 2025

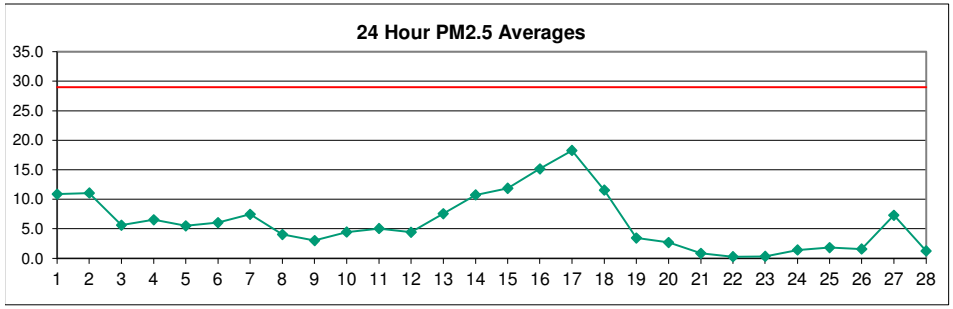
Day	HOUR																								
	2.0	S	1.6	1.5	1.3	1.2	0.1	1.4	1.1	1.1	0.8	0.7	1.0	0.8	0.9	1.0	1.3	1.4	1.4	0.9	0.8	0.9	1.0	1.1	1.1	2.0
	1.8	S	1.6	1.8	1.6	1.2	1.3	1.2	1.3	3.4	2.5	1.0	0.8	0.9	0.5	1.0	0.9	0.8	0.9	1.0	1.2	0.9	0.9	0.6	1.3	3.4
	0.4	S	0.4	0.6	0.6	0.9	2.2	4.4	2.6	0.7	0.8	1.1	1.2	1.0	0.7	0.9	0.9	0.8	0.5	0.5	0.4	0.4	0.4	0.5	1.0	4.4
	0.5	S	0.4	0.5	1.0	1.7	1.9	2.2	2.1	1.7	1.1	1.3	1.4	1.0	0.7	0.6	0.7	1.3	1.1	1.0	1.4	2.6	2.3	2.3	1.3	2.6
	2.7	S	1.4	1.3	1.3	1.4	1.8	1.6	1.2	1.1	1.2	2.0	5.2	2.4	2.0	2.3	2.5	2.4	2.0	1.8	1.9	1.1	1.2	1.3	1.9	5.2
	1.0	S	0.6	0.7	0.9	2.1	1.5	1.1	1.3	2.2	1.5	3.4	7.2	5.8	1.9	2.8	1.0	0.9	0.7	0.8	0.9	1.2	1.1	0.9	1.8	7.2
	0.7	S	0.6	0.7	0.4	1.4	0.8	0.9	0.9	1.1	0.8	0.8	1.5	3.7	6.4	2.8	1.4	0.7	1.0	2.7	4.1	2.5	3.5	2.2	1.8	6.4
	4.4	S	2.5	4.4	2.6	1.5	2.4	0.9	0.7	0.7	1.9	3.0	0.9	0.9	1.1	0.6	0.9	1.2	0.9	0.9	0.7	0.5	0.5	1.1	1.5	4.4
	1.3	S	0.4	0.4	0.4	0.5	0.4	0.5	0.7	0.4	0.5	0.8	1.6	1.1	1.1	1.0	0.5	0.5	0.6	0.5	0.5	0.6	0.7	0.7	0.7	1.6
	0.9	S	1.0	0.5	0.2	0.4	0.2	0.4	0.5	0.6	0.8	0.9	0.8	1.8	1.0	0.7	0.7	0.7	1.0	1.3	2.0	0.9	1.9	1.0	0.9	2.0
	0.6	S	0.8	0.6	0.6	2.1	1.2	3.2	8.6	6.0	1.3	0.8	0.8	1.4	0.9	0.7	0.7	1.0	1.0	0.7	0.6	1.0	0.6	0.5	1.6	8.6
	0.6	S	1.3	1.1	1.2	1.3	1.9	1.3	1.2	1.0	4.2	4.5	1.2	1.0	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	1.0	1.3	4.5
	0.8	S	6.1	2.1	2.1	2.7	3.0	1.4	1.2	1.3	7.2	1.5	1.1	2.3	2.2	1.2	1.4	1.5	1.0	0.9	0.7	0.7	0.8	0.8	1.9	7.2
	0.8	S	0.9	0.9	1.1	1.6	1.4	1.8	1.7	1.8	1.9	2.3	2.8	2.9	2.2	1.9	3.4	3.2	3.9	2.0	1.3	1.0	0.7	0.8	1.8	3.9
	0.5	S	0.4	0.5	0.3	0.4	0.4	0.6	0.6	0.9	1.0	2.4	2.6	2.2	1.2	1.4	1.6	1.8	1.2	1.9	2.4	1.8	1.7	3.4	1.4	3.4
	0.9	S	0.9	1.0	1.0	1.1	0.9	0.8	0.8	1.4	1.8	2.5	2.5	2.1	2.6	2.3	1.3	1.1	1.5	0.9	1.1	1.5	1.6	0.8	1.4	2.6
	0.9	S	1.0	0.9	1.0	1.2	0.9	0.8	1.0	1.1	1.6	5.1	3.6	3.5	3.5	2.3	1.8	1.2	1.4	1.3	1.8	1.2	1.0	1.1	1.7	5.1
	2.6	S	2.7	2.0	1.6	1.0	0.9	1.2	1.8	3.3	2.2	3.4	2.7	2.4	2.1	2.4	2.4	2.1	2.7	2.7	1.3	0.8	0.9	1.3	2.0	3.4
	1.5	S	1.0	1.5	2.4	3.3	3.5	3.0	2.2	2.7	2.3	1.2	1.2	1.1	0.9	1.0	1.1	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.6	3.5
	1.0	S	1.1	1.5	2.0	6.4	6.7	4.6	3.6	3.6	4.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.6	2.0	6.7
	0.5	S	0.7	0.7	0.9	1.0	1.0	1.7	1.5	1.1	0.9	0.8	0.8	1.3	1.4	1.0	0.8	1.4	0.8	0.8	0.7	0.8	0.9	0.8	1.0	1.7
	0.8	S	0.6	0.7	0.9	0.7	0.9	0.9	0.8	0.9	0.8	0.7	0.8	0.9	1.7	0.9	0.8	1.0	0.8	0.6	1.0	0.9	1.0	1.1	0.9	1.7
	1.0	S	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8	1.0	0.9	2.7	1.8	1.0	0.9	0.8	0.9	0.8	0.9	0.9	1.0	2.7
	0.9	S	0.8	0.9	0.9	1.0	0.7	0.8	1.0	0.8	1.0	C	C	C	C	C	C	C	0.4	0.4	0.3	0.6	0.4	0.7	-	-
	0.5	S	0.6	0.5	0.4	0.4	0.7	0.4	0.3	0.3	0.6	2.1	0.3	0.7	0.4	0.4	0.2	0.2	0.3	0.2	0.2	0.3	0.0	0.2	0.4	2.1
	0.2	S	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.2	0.1	0.3	0.0	0.0	0.0	0.9	0.9	0.5	0.2	0.1	0.1	0.1	0.0	0.1	0.2	0.9
	0.2	S	0.1	0.4	0.2	0.3	0.2	0.1	4.4	0.2	1.7	4.1	3.1	2.0	0.7	0.4	0.4	0.8	1.5	2.2	1.4	1.3	1.4	0.8	1.2	4.4
	0.3	S	0.7	0.4	0.9	3.2	2.0	2.9	1.3	1.1	0.1	0.8	0.2	0.2	0.3	0.2	0.3	0.1	0.3	0.6	0.2	0.2	0.2	0.2	0.7	3.2
	28	-	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	28	28	28	28	28	28	637	100%
	1.1	-	1.1	1.0	1.0	1.5	1.4	1.5	1.6	1.5	1.6	1.8	1.8	1.7	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0		
	4.4	-	6.1	4.4	2.6	6.4	6.7	4.6	8.6	6.0	7.2	5.1	7.2	5.8	6.4	2.8	3.4	3.2	3.9	2.7	4.1	2.6	3.5	3.4		



Number of 1HR Exceedences	0		
Number of Non-Zero Readings	636		
Maximum 1-HR Average	8.6 PPB		
Maximum 24-HR Average	2.0 PPB		
		Opperational Time	672 HRS
Monthly Calibration	7	Opperational Uptime	100.0 %
Standard Deviation	1.09	Monthly Average	1.3 PPB

Lagoon $PM_{2.5}$ ($\mu g/m^3$) – February 2025

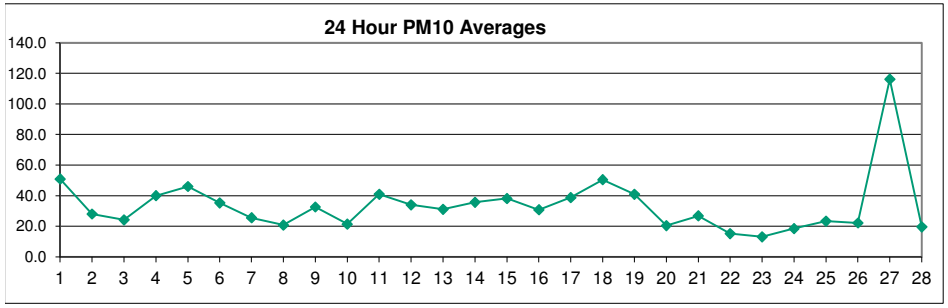
Day / HOUR																									
	21.3	15.9	15.9	13.2	11.1	11.8	9.3	6.8	8.4	8.8	15.7	15.1	10.3	6.9	7.8	7.1	5.5	7.4	10.8	15.0	9.8	6.9	7.6	11.9	10.8	21.3
	10.7	7.7	8.4	8.7	7.0	16.3	11.0	7.2	15.1	15.0	14.7	14.1	15.5	12.3	15.1	12.6	13.6	12.8	12.0	10.8	7.8	6.5	5.1	5.5	11.1	16.3
	4.6	4.9	3.5	5.3	6.3	4.7	7.3	5.8	3.4	4.2	4.8	6.1	4.7	5.1	5.2	5.5	5.9	5.0	4.3	4.3	7.3	6.7	11.8	7.7	5.6	11.8
	4.9	8.2	6.7	8.9	13.0	9.9	9.9	9.9	11.1	8.9	8.5	11.2	7.0	4.2	5.1	3.1	2.5	3.2	4.3	3.0	1.5	2.7	4.4	4.7	6.5	13.0
	4.1	2.9	3.6	4.0	3.2	2.2	4.4	7.4	9.6	7.9	6.6	6.3	5.5	10.7	6.4	4.7	3.9	3.2	3.9	5.1	7.1	5.0	4.3	9.5	5.5	10.7
	10.9	8.4	6.3	8.0	7.7	12.8	7.2	2.7	4.1	3.6	8.1	8.1	8.7	13.9	17.7	3.6	3.4	2.6	1.6	1.4	0.2	0.0	0.4	4.4	6.1	17.7
	3.7	5.4	4.6	2.6	4.7	6.5	9.8	7.7	7.4	7.8	8.9	13.0	8.3	6.4	10.7	9.7	6.2	6.4	12.0	10.5	10.8	7.8	4.3	3.7	7.5	13.0
	3.5	6.9	5.9	3.4	6.8	5.0	1.7	5.8	5.0	7.3	6.1	4.9	7.4	4.5	0.2	0.0	4.0	3.6	2.5	2.5	4.2	2.0	0.9	3.1	4.0	7.4
	8.5	6.4	2.6	3.9	5.3	9.2	4.6	1.1	3.7	4.9	3.2	0.7	0.3	0.0	0.5	3.6	1.8	0.0	3.5	2.9	0.2	2.8	2.0	0.6	3.0	9.2
	1.7	0.2	0.4	2.7	2.3	4.3	6.7	7.7	10.9	6.4	3.6	12.2	7.7	4.3	2.9	3.0	1.5	4.4	6.4	3.3	0.7	4.3	4.5	4.6	4.4	12.2
	6.4	4.9	3.6	2.5	1.1	0.0	3.9	4.4	7.0	11.8	9.4	6.3	4.5	2.9	1.7	4.6	4.3	5.0	6.2	5.4	4.9	4.0	7.2	8.8	5.0	11.8
	10.6	10.5	9.1	8.4	5.2	5.0	5.1	7.3	5.4	3.5	2.7	2.9	6.3	5.2	3.7	3.4	4.1	2.0	0.0	0.0	0.0	0.0	3.1	2.4	4.4	10.6
	2.8	3.2	4.2	12.2	6.5	2.0	7.4	5.8	4.2	4.1	3.1	10.6	7.8	3.1	11.8	18.4	13.7	19.3	12.1	7.8	6.5	5.2	5.4	4.9	7.6	19.3
	18.1	19.7	15.1	13.9	11.6	19.6	14.7	19.0	12.9	11.5	9.3	8.6	7.0	5.1	8.8	7.0	6.7	5.7	7.6	5.1	3.0	3.8	13.1	10.2	10.7	19.7
	10.9	12.9	13.7	9.1	9.1	7.5	8.2	7.7	7.5	12.5	12.5	17.9	22.2	18.5	17.3	10.6	7.1	7.8	10.8	9.9	10.4	16.4	13.5	11.0	11.9	22.2
	23.4	10.1	10.5	12.0	9.6	12.8	11.2	12.6	10.6	11.1	17.9	12.0	12.8	13.8	13.9	13.6	14.5	14.7	15.8	19.7	18.8	22.6	23.6	25.7	15.1	25.7
	23.3	24.7	21.7	17.5	24.0	19.7	21.8	20.4	25.2	22.4	20.3	24.6	24.7	23.9	21.4	19.8	13.1	11.7	7.9	7.7	9.4	11.9	12.8	8.9	18.3	25.2
	9.4	14.6	12.3	12.2	10.8	14.9	12.3	10.1	12.5	17.2	15.0	13.0	9.4	11.4	13.0	10.9	9.2	10.9	7.2	9.9	8.8	9.6	12.2	10.3	11.5	17.2
	18.0	12.5	8.0	2.5	1.3	5.9	6.2	6.7	7.3	4.4	3.9	2.9	0.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.4	3.4	18.0
	0.2	0.0	0.9	3.6	4.3	6.0	13.7	10.4	7.4	4.0	2.8	C	C	C	C	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	13.7
	0.0	1.2	0.0	0.0	0.0	2.5	3.6	1.7	0.0	0.0	3.9	3.6	0.1	0.0	1.0	1.7	0.6	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.8	3.9
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	1.6	0.0	0.0	0.0	0.0	0.1	0.7	2.7	1.5	0.3	2.7
	1.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.1	1.9	0.9	0.0	0.0	0.3	1.9
	1.0	2.4	2.5	0.1	0.0	0.0	2.7	0.9	0.4	7.6	6.1	2.4	3.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.4	1.4	7.6
	3.5	2.9	0.3	0.0	1.8	2.3	0.3	0.6	0.0	0.0	2.1	1.9	0.7	0.5	5.2	2.1	0.0	0.0	0.0	6.8	5.4	2.8	2.8	1.2	1.8	6.8
	0.4	2.1	3.3	1.8	0.8	1.9	2.0	0.9	0.0	0.7	3.7	5.7	5.1	2.6	0.0	0.0	1.3	3.6	1.2	0.4	0.0	0.0	0.0	0.0	1.5	5.7
	0.4	0.0	0.0	0.0	1.7	1.2	1.3	1.0	3.5	4.2	3.3	21.2	25.7	22.9	26.3	14.2	10.0	6.9	6.2	5.9	4.5	3.3	4.8	6.7	7.3	26.3
	3.9	0.0	0.0	0.0	1.3	1.0	0.0	0.0	0.0	3.3	1.2	0.0	1.8	1.1	0.0	0.0	1.3	4.2	3.7	3.1	2.5	0.0	0.0	1.5	1.2	4.2
	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28	668	100%
	7.4	6.8	5.8	5.6	5.6	6.6	6.6	6.1	6.5	6.9	7.0	8.3	7.7	6.8	7.3	5.7	4.8	5.0	5.0	5.0	4.5	4.5	5.3	5.4		
	23.4	24.7	21.7	17.5	24.0	19.7	21.8	20.4	25.2	22.4	20.3	24.6	25.7	23.9	26.3	19.8	14.5	19.3	15.8	19.7	18.8	22.6	23.6	25.7		



Number of 24HR Exceedences	0		
Number of Non-Zero Readings	564		
Maximum 1-HR Average	26.3 UG/M3		
Maximum 24-HR Average	18.3 UG/M3		
		Opperational Time	672 HRS
Monthly Calibration	4	Opperational Uptime	100.0 %
Standard Deviation	5.796	Monthly Average	6.1 UG/M3

Lagoon PM_{10} ($\mu g/m^3$) – February 202

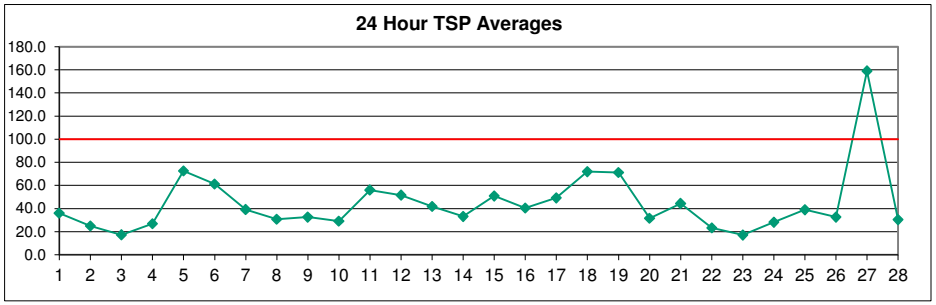
Day	HOUR																								
	57.3	31.9	26.2	16.1	20.6	14.3	17.7	44.5	91.9	82.9	115.6	98.0	88.6	50.1	102.3	95.3	85.4	56.1	26.0	25.3	18.5	12.8	17.1	30.7	51.0	115.6
	18.4	56.8	24.6	18.3	17.2	30.8	40.5	91.8	32.2	20.1	17.0	26.6	60.6	21.9	33.7	21.6	31.3	23.9	23.0	13.9	16.4	8.0	15.1	11.5	28.1	91.8
	5.4	3.9	22.6	13.7	14.0	16.3	19.1	13.2	31.9	30.0	13.9	20.9	23.4	29.3	18.3	20.7	47.4	37.6	61.7	64.7	27.0	13.6	13.7	18.1	24.2	64.7
	68.2	83.3	103.5	49.7	91.5	68.8	41.1	17.1	60.2	63.4	33.1	39.6	9.0	39.1	18.4	16.9	35.8	18.2	6.1	9.7	17.9	10.8	19.4	40.4	40.1	103.5
	17.3	17.2	33.4	55.3	13.9	7.2	30.5	81.9	34.5	37.3	78.6	57.6	39.3	114.5	33.8	36.5	25.6	25.7	60.4	129.0	15.8	11.2	43.4	104.6	46.0	129.0
	28.4	17.2	27.1	60.4	46.5	26.4	15.2	21.4	24.3	12.5	31.4	48.8	47.5	56.7	51.0	27.1	20.1	24.4	23.9	27.8	65.4	50.9	32.5	61.5	35.3	65.4
	24.3	19.6	16.1	17.0	17.9	21.3	21.6	16.2	14.7	18.0	20.1	31.7	24.8	33.2	52.6	51.8	14.4	29.0	26.0	30.6	23.3	42.6	26.7	19.7	25.5	52.6
	15.6	25.0	15.6	14.9	19.6	16.6	22.2	18.4	29.9	11.9	23.5	20.3	32.4	7.0	5.2	14.6	61.1	30.4	39.3	32.8	15.4	9.5	10.3	9.3	20.9	61.1
	22.0	42.0	30.5	29.3	23.1	25.8	59.1	21.1	38.0	60.4	43.2	23.6	28.2	15.1	13.2	9.4	6.5	24.8	40.3	87.4	48.8	42.6	29.5	20.9	32.7	87.4
	18.4	48.2	22.8	9.3	39.6	22.6	15.8	11.8	14.8	11.5	19.2	28.7	48.9	20.9	23.5	16.3	13.5	20.0	17.9	19.5	14.5	24.4	16.0	17.0	21.5	48.9
	15.1	8.1	19.0	16.7	10.7	11.8	7.0	15.9	71.5	102.1	33.0	92.3	84.3	54.6	51.2	98.9	63.0	57.0	35.3	20.9	23.3	26.2	28.3	35.6	40.9	102.1
	22.3	23.3	25.8	24.3	18.3	17.9	14.2	18.8	10.7	25.7	25.5	128.3	146.7	37.4	18.9	49.9	23.6	43.1	17.5	32.8	30.1	19.6	11.9	29.5	34.0	146.7
	43.1	62.6	58.5	79.8	26.8	15.9	24.5	24.0	18.8	20.4	23.8	40.6	11.0	8.7	20.7	18.6	22.0	48.1	43.5	35.6	31.2	27.7	18.1	25.2	31.2	79.8
	49.1	44.8	43.2	40.6	29.7	34.9	47.1	41.0	36.9	34.5	35.7	31.5	26.9	58.3	20.0	33.1	43.0	25.9	44.1	38.6	21.5	24.1	36.8	16.7	35.7	58.3
	42.4	72.1	76.1	24.1	57.9	75.5	35.6	28.8	58.6	30.6	23.0	27.7	58.4	52.1	38.7	24.5	21.4	18.5	26.7	23.2	22.8	23.4	28.8	25.5	38.2	76.1
	27.2	37.2	34.1	42.9	25.6	24.5	13.6	27.8	20.2	23.6	27.6	31.2	22.6	20.6	26.6	23.0	30.2	44.3	45.8	39.2	31.7	37.8	30.9	50.0	30.8	50.0
	44.5	42.4	28.1	25.3	30.8	44.6	42.5	36.3	34.8	47.3	40.7	60.1	57.2	45.9	41.3	38.4	24.6	21.3	24.1	22.2	15.2	57.6	56.0	51.0	38.8	60.1
	42.7	78.7	53.7	65.4	38.8	32.2	18.4	24.0	22.3	94.0	52.5	52.3	38.8	56.7	47.5	35.7	35.9	28.5	37.6	137.1	70.6	74.5	42.5	31.5	50.5	137.1
	63.6	37.4	12.3	26.2	41.6	49.9	72.0	58.4	35.6	73.3	69.2	80.7	56.6	37.1	37.5	18.7	21.8	15.5	18.7	21.6	26.9	65.1	18.8	26.1	41.0	80.7
	21.3	26.2	30.9	43.3	31.9	33.0	24.2	55.9	31.7	12.9	18.9	C	C	C	C	7.1	4.2	2.8	17.8	12.1	12.2	6.9	10.1	7.7	20.6	55.9
	7.4	19.9	5.3	4.9	32.6	34.9	29.2	30.9	21.7	34.9	49.4	18.2	14.7	19.9	91.3	91.2	54.7	64.6	16.3	1.1	0.0	0.0	0.5	0.0	26.8	91.3
	3.0	1.2	9.7	16.5	10.1	5.7	6.8	9.1	40.8	15.4	10.7	6.2	9.4	4.7	2.0	22.8	16.4	6.6	7.7	6.2	29.3	32.6	32.0	62.8	15.3	62.8
	32.2	15.3	16.8	10.0	6.7	6.4	3.2	4.5	4.9	8.1	18.9	8.1	14.4	16.4	10.9	8.0	21.8	35.3	9.3	13.1	7.4	19.7	16.8	8.6	13.2	35.3
	24.6	11.6	49.0	11.6	6.1	10.6	11.8	6.3	22.2	53.2	28.6	21.7	106.5	13.3	7.0	5.6	6.9	7.2	5.5	5.9	6.6	9.2	7.0	5.3	18.5	106.5
	10.8	12.7	17.4	5.1	9.6	10.0	7.9	24.4	51.8	31.4	23.3	55.6	73.9	26.9	90.2	23.7	17.2	11.6	16.4	7.8	9.1	8.7	5.9	10.4	23.4	90.2
	6.3	13.6	6.7	0.0	0.5	1.8	9.9	7.4	12.8	20.4	53.4	52.0	35.5	7.3	7.1	22.8	113.8	75.5	27.3	13.2	10.8	11.0	9.8	15.2	22.3	113.8
	32.8	3.8	4.5	7.5	63.0	64.6	37.1	23.0	43.1	80.0	45.3	328.5	483.2	420.5	469.9	172.5	147.6	71.1	75.8	96.5	44.4	23.8	24.6	25.0	116.2	483.2
	11.3	5.2	6.1	17.6	20.0	16.7	11.3	10.2	19.0	46.6	38.7	20.6	41.8	24.6	11.6	9.5	30.3	45.1	12.6	36.5	18.7	3.1	4.3	9.3	19.6	46.6
	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28	668	100%
	27.7	30.8	29.3	26.6	27.3	26.5	25.0	28.0	33.2	39.4	36.2	53.8	62.4	47.9	49.8	36.2	37.1	32.6	28.8	35.9	24.1	24.9	21.7	27.5		
	68.2	83.3	103.5	79.8	91.5	75.5	72.0	91.8	91.9	102.1	115.6	328.5	483.2	420.5	469.9	172.5	147.6	75.5	75.8	137.1	70.6	74.5	56.0	104.6		



Number of Non-Zero Readings	664		
Maximum 1-HR Average	483.2 UG/M3		
Maximum 24-HR Average	116.2 UG/M3		
		Opperational Time	672 HRS
Monthly Calibration	4	Opperational Uptime	100.0 %
Standard Deviation	39.17	Monthly Average	33.7 UG/M3

Lagoon TSP (µg/m^3) – February 2025

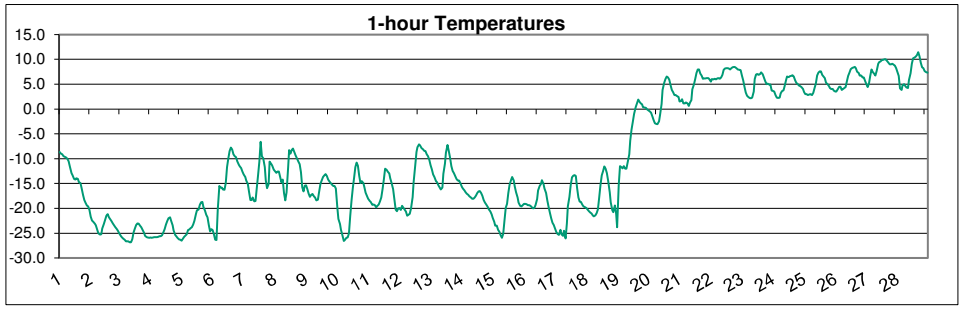
Day	HOUR																								
	54.5	40.1	12.4	24.1	20.7	15.4	22.9	17.9	24.7	40.0	50.8	58.8	67.8	46.3	92.3	54.5	44.1	34.4	29.5	34.8	23.0	10.0	12.3	33.3	36.0	92.3
	21.0	66.0	14.5	15.1	20.1	22.2	23.7	53.9	25.2	12.1	17.6	18.9	25.9	26.9	28.7	32.7	41.1	27.2	25.4	25.4	9.3	18.4	10.6	18.9	25.0	66.0
	10.9	19.6	9.3	12.2	13.5	13.2	11.4	6.8	25.1	19.9	11.8	14.8	16.7	21.4	17.2	26.7	28.1	25.7	30.0	34.4	14.9	10.2	10.9	8.9	17.2	34.4
	33.7	31.6	29.3	11.4	38.0	34.8	19.5	19.8	32.9	53.6	24.9	53.4	16.9	18.8	18.3	18.3	18.1	20.3	7.5	10.7	21.6	15.5	27.1	69.3	26.9	69.3
	36.4	27.8	25.7	94.5	25.7	24.5	25.3	49.5	28.8	24.5	125.2	83.4	67.3	148.1	53.2	73.5	56.8	68.0	119.7	260.5	25.4	23.8	77.2	197.0	72.6	260.5
	59.9	45.0	41.0	111.3	61.2	50.4	52.7	70.1	34.4	40.1	60.3	37.1	80.2	109.6	118.6	67.1	77.6	23.8	27.8	35.1	81.9	62.9	35.2	89.4	61.4	118.6
	29.4	30.4	21.7	32.2	26.5	36.6	24.9	21.0	19.6	24.5	24.6	31.7	26.3	50.9	98.0	83.1	33.4	39.7	32.9	41.3	42.0	70.9	55.9	42.2	39.2	98.0
	33.5	42.1	27.8	24.5	29.7	20.3	32.2	28.4	31.0	23.7	25.7	30.2	62.7	8.7	8.6	33.4	95.8	50.9	40.3	28.6	12.6	21.6	13.3	13.1	30.8	95.8
	34.9	54.6	39.4	59.2	58.3	27.9	39.9	15.6	22.1	69.6	23.8	31.3	29.5	7.5	11.5	13.7	10.3	41.2	38.7	45.2	24.8	18.0	30.0	36.9	32.7	69.6
	27.0	77.1	26.0	16.4	53.4	29.5	22.7	4.5	13.8	17.3	14.5	26.9	28.5	24.6	33.6	41.2	45.1	34.2	17.8	34.8	31.7	37.0	19.1	23.3	29.2	77.1
	26.0	31.3	33.0	14.4	11.2	11.6	18.8	17.8	103.9	172.9	49.9	171.8	136.0	66.0	72.5	89.9	57.3	79.7	26.9	13.5	25.4	39.9	32.3	44.4	56.1	172.9
	35.5	30.2	30.8	29.6	11.7	27.5	23.5	24.0	16.2	26.5	35.1	189.2	271.3	52.9	38.7	58.2	32.7	56.9	25.3	49.5	58.8	39.3	20.1	56.2	51.7	271.3
	77.6	113.5	98.5	139.3	29.7	17.8	32.4	36.1	23.5	22.4	17.6	70.1	16.5	10.7	23.2	19.2	28.9	43.9	45.6	32.0	26.8	31.4	19.9	27.7	41.8	139.3
	40.2	50.3	45.1	37.0	35.7	27.8	44.6	31.7	34.3	36.2	28.5	31.7	26.1	37.0	34.4	37.6	36.9	24.7	36.7	28.9	17.9	21.0	45.6	5.4	33.1	50.3
	56.2	104.6	94.0	38.7	76.2	116.9	52.8	36.8	96.7	38.1	27.0	32.3	49.5	88.4	57.9	26.0	30.3	24.9	37.7	16.8	29.5	33.4	29.9	26.3	50.9	116.9
	51.5	59.9	57.1	71.0	34.0	32.7	28.0	33.9	27.5	27.0	35.4	39.2	33.2	25.5	27.8	35.1	39.7	65.3	54.0	52.0	30.3	36.2	31.5	41.8	40.4	71.0
	28.6	42.9	37.2	33.7	27.3	50.3	49.6	36.2	44.8	60.8	43.3	72.8	65.4	54.2	60.5	48.6	35.5	31.0	39.8	23.1	33.9	112.4	80.8	70.0	49.3	112.4
	59.3	84.5	59.9	84.0	43.4	47.3	29.7	18.9	25.3	121.1	73.0	77.5	68.5	76.9	102.3	57.2	58.9	44.4	53.1	212.6	120.2	127.6	50.0	28.8	71.8	212.6
	82.2	64.1	16.9	52.4	84.3	74.8	123.1	89.6	57.7	137.3	118.9	141.3	86.8	62.4	76.7	47.4	38.4	31.3	45.1	46.1	48.3	104.0	39.8	39.6	71.2	141.3
	24.1	35.0	43.7	76.0	61.8	41.4	33.0	82.5	57.0	20.5	28.9	C	C	C	C	11.7	7.5	12.1	34.2	16.9	20.8	7.3	8.5	8.6	31.6	82.5
	13.6	35.7	14.0	13.7	51.5	59.1	54.4	57.4	41.8	81.4	89.0	31.5	26.5	30.2	134.9	103.8	87.3	86.7	23.6	3.6	4.4	3.1	8.7	8.0	44.3	134.9
	6.5	6.6	12.1	15.2	11.3	12.8	14.8	13.9	50.5	28.0	17.3	13.7	12.0	10.9	5.9	23.1	26.6	9.4	5.3	6.3	35.7	39.9	68.5	116.3	23.4	116.3
	44.2	20.2	26.8	3.9	8.0	5.6	3.5	9.3	9.4	6.8	22.5	9.1	12.8	25.9	11.3	16.0	37.8	45.0	14.4	19.6	4.4	21.3	17.1	14.2	17.0	45.0
	37.9	11.2	68.9	6.8	9.2	21.8	23.3	11.6	34.8	79.2	56.8	37.7	160.1	22.8	9.5	12.8	15.0	14.9	2.8	10.4	6.3	6.5	5.4	11.6	28.2	160.1
	31.1	18.2	39.4	14.3	14.5	8.9	20.6	33.7	86.1	46.5	42.0	86.3	132.9	47.2	146.0	42.9	27.8	20.7	19.4	11.2	7.0	6.3	8.5	23.3	39.0	146.0
	11.7	17.7	9.2	5.8	5.0	14.6	13.9	18.5	10.6	35.5	74.1	65.5	41.1	13.4	6.2	33.3	177.0	106.5	44.6	20.7	15.6	15.4	7.6	17.3	32.5	177.0
	29.2	16.2	7.8	7.2	90.9	88.7	42.4	31.6	60.7	131.6	71.7	459.3	717.8	606.9	572.9	209.5	149.2	89.8	106.2	144.0	71.1	38.4	40.7	32.5	159.0	717.8
	15.6	3.4	7.0	36.7	27.9	27.2	12.3	23.4	31.3	73.4	45.6	25.7	72.6	38.2	15.7	16.1	39.8	64.3	21.9	55.0	32.2	9.3	16.6	15.6	30.3	73.4
	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28	668	100%
	36.1	42.1	33.9	38.6	35.0	34.3	32.0	31.9	38.2	52.5	44.8	71.9	87.1	64.2	69.5	47.6	49.2	43.5	35.9	46.9	31.3	35.0	29.4	40.0		
	82.2	113.5	98.5	139.3	90.9	116.9	123.1	89.6	103.9	172.9	125.2	459.3	717.8	606.9	572.9	209.5	177.0	106.5	119.7	260.5	120.2	127.6	80.8	197.0		



Number of 24HR Exceedences	1		
Number of Non-Zero Readings	668		
Maximum 1-HR Average	717.8 UG/M3		
Maximum 24-HR Average	159.0 UG/M3		
		Opperational Time	672 HRS
Monthly Calibration	4	Opperational Uptime	100.0 %
Standard Deviation	55.2	Monthly Average	44.5 UG/M3

Lagoon Temperature (°C) – February 2025

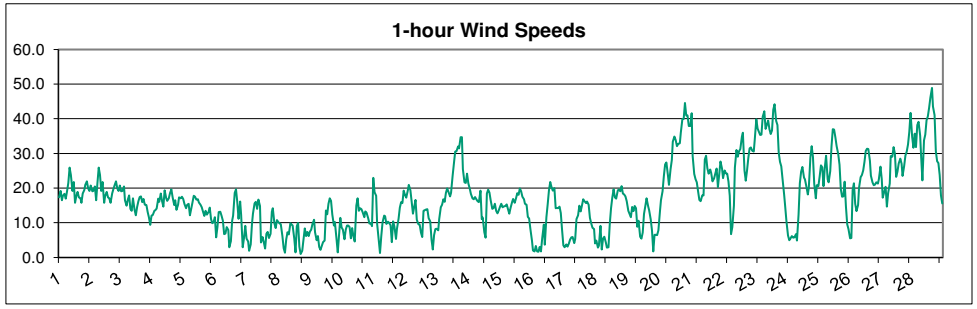
Day	HOUR																									
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX	MIN
1	-8.6	-9.0	-9.1	-9.5	-9.6	-9.7	-10.0	-10.5	-11.6	-12.9	-13.2	-14.1	-14.2	-13.9	-14.1	-14.7	-14.9	-16.1	-17.3	-18.3	-18.9	-19.4	-19.6	-20.3	-13.7	-8.6
2	-21.7	-22.4	-22.7	-23.1	-23.4	-24.0	-24.1	-24.4	-25.0	-25.3	-25.2	-24.0	-23.2	-22.3	-21.5	-21.1	-21.8	-22.2	-22.6	-23.0	-23.4	-23.8	-24.1	-24.5	-23.3	-21.1
3	-25.0	-25.5	-25.8	-26.1	-26.3	-26.6	-26.6	-26.6	-26.8	-26.8	-26.2	-24.8	-24.0	-23.3	-23.0	-23.1	-23.5	-23.8	-24.3	-24.9	-25.5	-25.8	-25.9	-25.9	-25.3	-23.0
4	-25.8	-25.9	-25.8	-25.8	-25.8	-25.8	-25.7	-25.6	-25.6	-25.4	-24.8	-24.2	-23.3	-22.6	-22.0	-21.8	-22.5	-23.4	-24.4	-25.3	-25.7	-25.9	-26.2	-26.3	-24.8	-21.8
5	-26.5	-26.1	-25.8	-25.5	-25.2	-24.4	-24.2	-24.0	-23.8	-23.3	-22.5	-21.1	-20.4	-20.3	-19.3	-18.8	-18.7	-19.7	-20.5	-21.3	-21.8	-23.3	-24.6	-24.2	-22.7	-18.7
6	-24.4	-25.2	-26.3	-26.4	-20.2	-15.5	-15.8	-15.8	-16.2	-16.3	-14.9	-11.7	-9.9	-8.5	-7.7	-8.1	-9.1	-9.5	-9.7	-10.5	-11.2	-11.5	-11.9	-12.6	-14.5	-7.7
7	-13.2	-13.6	-14.4	-15.1	-16.8	-18.3	-18.3	-17.8	-18.6	-18.5	-15.9	-13.3	-10.5	-6.6	-9.6	-9.8	-11.7	-14.3	-15.9	-15.1	-10.6	-11.1	-11.4	-12.2	-13.9	-6.6
8	-12.5	-12.9	-12.6	-12.6	-13.6	-14.8	-14.2	-16.9	-18.4	-16.8	-11.6	-8.3	-9.0	-8.3	-8.0	-8.8	-9.3	-10.0	-10.5	-11.1	-12.7	-15.7	-16.6	-15.4	-12.5	-8.0
9	-15.3	-16.1	-17.0	-17.7	-17.3	-17.1	-17.6	-17.8	-18.4	-18.2	-17.0	-15.0	-14.5	-13.7	-13.4	-13.1	-13.5	-14.2	-14.6	-14.9	-15.2	-15.5	-15.5	-16.0	-15.8	-13.1
10	-20.0	-22.1	-23.1	-24.3	-25.3	-26.6	-26.4	-25.9	-25.9	-25.0	-21.5	-18.4	-16.0	-13.9	-11.7	-10.8	-11.4	-13.4	-15.0	-14.5	-14.9	-15.7	-16.8	-17.6	-19.0	-10.8
11	-18.1	-18.5	-18.7	-19.3	-19.2	-19.4	-19.8	-19.5	-19.2	-18.6	-17.8	-16.1	-14.2	-12.0	-12.3	-12.6	-13.0	-13.9	-14.8	-16.1	-17.7	-20.2	-20.6	-20.0	-17.1	-12.0
12	-19.9	-20.3	-19.5	-19.9	-20.3	-20.6	-21.5	-21.3	-21.1	-20.0	-17.7	-14.8	-11.4	-8.6	-7.7	-7.1	-7.3	-7.9	-8.1	-8.4	-8.5	-9.1	-9.5	-10.2	-14.2	-7.1
13	-11.3	-12.1	-13.2	-13.7	-14.5	-14.7	-15.4	-15.7	-16.2	-15.8	-13.0	-10.9	-8.7	-7.3	-8.5	-9.8	-11.5	-12.5	-12.9	-13.4	-14.1	-14.4	-14.4	-14.9	-12.9	-7.3
14	-15.7	-16.0	-16.4	-16.7	-17.0	-17.3	-17.6	-17.8	-18.1	-18.1	-17.8	-17.4	-16.9	-16.6	-16.5	-16.9	-17.5	-18.3	-18.8	-19.2	-19.7	-20.2	-20.6	-21.2	-17.9	-15.7
15	-21.9	-22.7	-23.5	-23.5	-24.3	-24.7	-25.4	-25.9	-25.2	-22.4	-19.9	-19.1	-16.9	-15.2	-14.2	-13.6	-14.4	-15.6	-16.7	-17.8	-18.8	-19.5	-19.6	-19.3	-20.0	-13.6
16	-19.1	-19.1	-19.1	-19.3	-19.3	-19.5	-19.7	-20.0	-19.9	-19.4	-18.1	-16.4	-15.4	-15.1	-14.3	-15.1	-16.0	-16.9	-18.4	-19.7	-20.9	-22.0	-22.9	-23.3	-18.7	-14.3
17	-24.1	-24.8	-25.2	-25.3	-24.3	-25.2	-25.5	-24.5	-26.0	-23.1	-19.6	-17.7	-15.3	-13.7	-13.4	-13.3	-13.4	-16.0	-17.8	-18.6	-18.7	-19.2	-19.6	-19.7	-20.2	-13.3
18	-19.9	-20.1	-20.6	-20.8	-21.0	-21.4	-21.6	-21.4	-20.9	-20.2	-17.8	-15.3	-13.4	-12.5	-11.6	-12.0	-12.9	-14.4	-16.8	-18.8	-20.4	-20.7	-19.4	-21.1	-18.1	-11.6
19	-23.7	-15.4	-11.5	-11.7	-12.0	-11.5	-12.1	-12.0	-10.7	-9.1	-6.4	-4.2	-2.6	-1.0	0.4	0.9	1.9	1.5	1.1	0.9	0.4	0.3	0.2	-0.1	-5.7	1.9
20	-0.3	-0.5	-0.7	-1.4	-2.2	-2.9	-3.0	-3.1	-2.4	-1.2	1.0	3.8	5.3	6.0	6.6	6.3	5.9	4.8	3.8	3.4	2.8	2.9	2.6	2.4	1.7	6.6
21	1.6	1.6	2.0	1.2	1.2	1.3	1.2	0.6	1.3	1.8	4.0	4.9	6.1	7.3	8.0	7.9	7.1	6.7	6.1	6.2	6.2	6.2	6.2	6.0	4.3	8.0
22	5.5	6.0	6.0	6.1	5.9	6.1	6.2	6.1	6.3	6.9	7.9	8.2	8.2	8.2	8.2	8.0	8.2	8.4	8.5	8.5	8.1	7.9	7.9	7.9	7.3	8.5
23	6.8	5.8	4.5	3.4	2.7	2.5	2.3	2.2	2.3	3.5	6.0	6.9	7.1	6.8	7.1	7.4	7.0	6.3	5.6	5.0	5.1	5.0	4.9	3.7	5.0	7.4
24	3.6	3.5	2.8	2.3	2.3	2.3	3.2	3.6	3.8	4.5	5.8	6.5	6.4	6.6	6.7	6.8	6.5	5.9	5.3	5.1	4.7	4.6	4.4	4.1	4.6	6.8
25	3.5	3.0	3.0	2.8	3.0	3.0	2.8	3.3	4.2	5.1	6.7	7.3	7.6	7.6	6.9	6.6	6.2	5.3	5.1	4.6	4.3	4.0	4.0	3.7	4.7	7.6
26	3.6	3.5	4.1	4.5	4.5	3.8	4.0	4.2	4.4	5.6	6.7	7.3	8.0	8.3	8.3	8.5	8.2	7.5	7.2	6.8	6.7	6.4	6.3	5.7	6.0	8.5
27	5.0	4.4	5.2	6.7	7.9	7.4	7.2	6.7	7.7	9.1	9.4	9.6	9.9	9.9	10.0	10.0	9.6	9.3	9.0	9.0	9.1	9.0	8.7	8.2	8.2	10.0
28	7.5	6.7	4.1	3.9	4.8	5.0	4.7	4.3	4.3	5.8	7.2	9.1	10.2	10.4	10.6	10.9	11.4	10.6	9.3	8.4	8.2	7.6	7.4	7.3	7.5	11.4
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	-11.8	-11.9	-12.1	-12.4	-12.3	-12.4	-12.6	-12.7	-12.7	-11.9	-10.2	-8.7	-7.5	-6.6	-6.3	-6.3	-6.8	-7.7	-8.5	-9.0	-9.4	-10.0	-10.2	-10.6		
	7.5	6.7	6.0	6.7	7.9	7.4	7.2	6.7	7.7	9.1	9.4	9.6	10.2	10.4	10.6	10.9	11.4	10.6	9.3	9.0	9.1	9.0	8.7	8.2		



Number of Non-Zero Readings	672		
Maximum 1-HR Average	11.4 C		
Maximum 24-HR Average	8.2 C		
		Opperational Time	672 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	11.88	Monthly Average	-10.0 C

Lagoon Wind Speed (km/hr) – February 2025

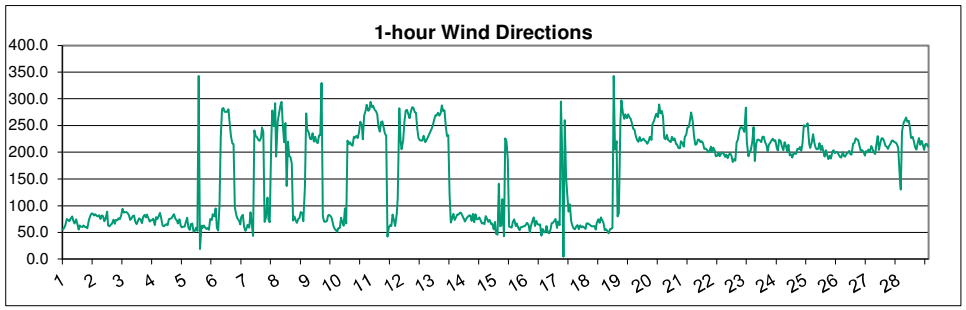
Day / HOUR																										
	17.3	19.2	16.5	17.8	18.3	17.0	19.1	21.5	25.9	23.8	19.2	21.8	15.7	17.7	18.9	17.3	17.1	15.8	18.5	19.4	20.9	21.9	19.9	19.2	19.1	25.9
	20.7	19.1	19.2	20.5	16.5	15.0	16.7	17.9	14.0	13.5	17.1	13.8	12.1	14.6	16.3	17.4	17.7	15.9	16.9	15.3	15.1	13.1	11.5	9.4	15.8	20.7
	12.0	12.2	13.5	13.7	14.1	16.9	16.0	18.4	16.2	14.7	19.4	17.0	16.4	17.1	18.6	19.6	17.3	15.1	16.5	13.8	15.3	17.3	17.1	17.6	16.1	19.6
	16.9	15.4	14.2	15.1	15.6	12.1	14.1	15.9	17.8	17.5	16.7	16.8	15.8	15.2	14.5	13.2	12.0	13.4	12.4	13.1	14.4	11.1	9.8	10.2	14.3	17.8
	11.6	5.8	8.8	13.1	13.1	12.0	10.6	6.7	6.9	8.7	7.9	3.0	4.7	10.5	12.1	18.7	19.6	15.9	11.2	16.1	12.4	2.9	5.6	9.1	10.3	19.6
	5.4	4.6	1.9	3.8	9.8	12.6	15.6	16.0	14.0	16.6	14.9	4.4	5.9	4.3	2.5	6.8	7.4	5.6	6.8	13.2	14.1	9.9	8.5	10.8	9.0	16.6
	10.2	9.9	9.5	6.1	2.7	1.4	5.3	7.3	6.6	9.9	9.5	9.2	5.5	1.4	9.0	10.0	3.1	0.9	1.9	4.4	8.4	6.2	7.4	6.2	6.3	10.2
	7.4	8.0	9.7	10.9	7.3	5.0	6.2	3.0	2.2	3.5	4.4	4.8	13.5	12.5	15.4	17.0	16.3	12.4	9.2	10.2	5.4	1.4	6.5	11.4	8.5	17.0
	8.7	8.1	5.3	7.9	9.2	9.2	8.7	5.5	8.5	6.1	4.6	15.0	17.1	13.4	14.1	14.0	13.0	11.6	13.3	12.9	11.3	9.7	9.9	9.1	10.2	17.1
	23.0	18.8	17.7	9.8	5.1	1.3	6.2	10.1	12.1	11.9	9.7	10.3	10.0	9.2	4.4	10.4	8.9	5.3	8.3	11.2	14.4	15.9	15.7	19.2	11.2	23.0
	18.0	17.2	19.4	20.9	19.3	16.1	12.7	14.6	16.6	10.9	9.6	9.5	7.2	5.9	13.4	13.6	13.8	13.9	11.3	10.4	5.1	2.3	6.5	8.2	12.3	20.9
	8.3	7.8	11.1	14.4	15.2	16.8	16.0	18.6	19.9	18.9	17.6	18.6	23.6	27.1	30.5	30.6	32.0	31.4	34.6	34.7	25.4	21.6	21.5	24.2	21.7	34.7
	21.4	19.6	18.4	17.1	16.8	17.4	16.7	16.2	16.0	19.3	11.1	11.5	7.3	5.8	18.4	19.5	18.7	16.4	14.0	14.3	15.5	13.4	12.8	13.6	15.5	21.4
	14.9	15.4	14.4	14.8	14.9	15.3	14.0	12.7	14.3	16.0	16.9	15.8	17.1	18.5	18.0	19.9	19.1	17.5	16.8	15.4	15.2	11.7	11.3	8.2	15.3	19.9
	4.8	2.1	1.8	3.4	1.7	1.6	3.1	1.8	5.6	9.5	3.7	11.6	15.3	19.4	21.8	20.3	19.3	20.0	14.2	14.3	14.2	14.6	12.8	7.9	10.2	21.8
	3.4	2.9	3.7	3.1	3.9	5.1	5.8	5.9	4.1	5.3	11.1	12.2	14.9	13.3	15.0	16.8	16.3	15.6	16.1	15.2	11.5	9.8	8.5	8.2	9.5	16.8
	4.1	4.9	2.8	3.4	9.1	2.3	5.5	6.0	4.2	2.8	2.9	9.5	14.2	17.4	19.6	17.3	16.9	19.3	19.7	19.1	20.5	18.5	18.2	17.6	11.5	20.5
	16.3	13.4	12.6	11.6	14.6	13.3	14.8	14.2	8.8	10.6	6.0	5.4	7.1	12.5	14.8	17.0	14.8	13.7	11.0	7.8	1.7	6.6	6.6	6.5	10.9	17.0
	7.8	13.5	16.4	19.1	23.4	26.9	27.4	23.5	20.9	25.4	28.1	33.3	34.8	33.9	32.1	32.7	32.9	35.9	40.0	39.9	44.6	41.0	41.0	37.9	29.7	44.6
	37.9	41.6	29.3	24.1	22.6	21.7	19.1	16.6	16.3	17.9	17.9	28.2	29.3	25.7	24.2	25.4	24.3	21.9	22.8	24.2	25.7	20.3	23.9	27.7	24.5	41.6
	25.5	22.9	25.0	24.3	24.2	21.9	17.7	6.7	8.7	15.0	25.9	30.9	29.1	30.6	31.2	34.9	36.0	25.1	22.1	25.1	28.6	31.4	31.7	30.8	25.2	36.0
	30.5	33.9	39.9	37.2	36.3	35.3	35.4	40.5	42.1	37.1	38.3	39.5	37.0	35.6	36.6	42.7	44.1	39.4	38.2	30.3	27.6	26.3	22.6	18.1	35.2	44.1
	15.0	10.6	6.3	5.0	5.5	6.2	5.7	5.8	6.7	4.9	12.4	21.4	24.7	26.1	23.1	22.4	20.7	18.2	20.1	28.9	32.1	29.0	21.2	17.1	16.2	32.1
	20.8	20.5	23.4	26.5	26.0	20.6	25.9	29.3	22.5	21.7	24.9	32.1	37.0	36.9	34.7	32.1	29.8	26.7	19.7	17.5	17.6	21.9	14.7	9.6	24.7	37.0
	8.3	5.5	5.7	19.5	21.4	15.5	13.3	15.1	20.2	23.2	23.8	25.0	27.6	30.8	31.4	31.2	27.8	23.6	21.7	20.8	21.1	21.6	21.3	22.6	20.7	31.4
	26.2	22.6	17.2	19.0	20.4	14.6	18.6	21.3	29.2	29.1	31.8	29.9	23.3	24.7	27.1	28.5	27.0	23.5	26.4	29.4	30.6	32.6	36.1	41.7	26.3	41.7
	34.8	31.6	35.7	31.8	38.2	39.1	35.1	29.2	22.2	33.8	35.4	39.5	40.7	43.2	46.1	49.0	43.6	41.0	30.6	27.7	27.2	23.8	17.9	15.6	33.9	49.0
	14.9	9.9	4.8	10.3	13.3	15.9	13.1	16.0	18.4	21.4	23.2	21.4	24.0	23.3	26.2	23.7	25.0	26.0	20.4	12.6	18.8	17.9	19.6	18.9	18.3	26.2
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	15.9	14.9	14.4	15.1	15.7	14.6	14.9	14.9	15.0	16.0	16.6	18.3	19.0	19.5	21.1	22.2	21.2	19.3	18.4	18.5	18.4	16.9	16.4	16.3		
	37.9	41.6	39.9	37.2	38.2	39.1	35.4	40.5	42.1	37.1	38.3	39.5	40.7	43.2	46.1	49.0	44.1	41.0	40.0	39.9	44.6	41.0	41.0	41.7		



Number of Non-Zero Readings	672		
Maximum 1-HR Average	49.0 KM/HR		
Maximum 24-HR Average	35.2 KM/HR		
		Opperational Time	672 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	9.572	Monthly Average	17.2 KM/HR

Lagoon Wind Direction (°) – February 2025

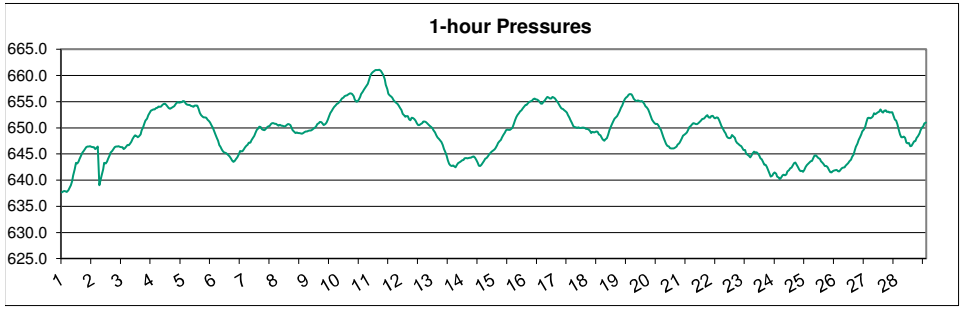
Day	HOUR																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	55.5	59.0	64.7	75.3	73.1	70.8	75.6	79.4	71.9	66.9	74.4	68.0	55.2	63.2	60.8	60.2	62.8	60.0	59.2	57.4	72.8	80.5	85.2	85.3	68.7
2	81.6	84.1	80.7	80.0	82.4	89.5	80.6	74.8	81.3	80.5	70.6	75.7	88.7	63.2	61.0	64.6	66.1	73.8	65.9	72.8	72.5	76.1	75.2	82.2	75.8
3	94.0	87.2	87.6	88.0	85.9	82.2	72.8	76.0	80.5	81.3	70.0	65.6	71.1	76.1	74.2	67.2	78.0	82.8	78.3	83.6	76.6	70.1	72.6	72.8	77.3
4	75.7	63.7	78.9	75.1	80.3	86.5	76.1	62.7	61.1	63.5	65.3	63.9	74.8	75.7	76.2	81.3	84.2	75.8	72.2	66.5	74.1	62.5	59.2	60.6	71.4
5	60.7	69.5	77.3	59.0	54.4	65.6	67.0	51.5	52.7	59.0	52.9	343.0	18.7	62.4	58.4	63.1	58.4	56.3	58.6	54.5	75.0	73.0	84.0	79.5	60.6
6	94.5	58.5	53.6	99.3	227.3	280.8	282.8	275.6	275.6	275.4	280.4	253.4	229.4	217.1	215.3	97.0	81.5	76.3	72.0	64.9	78.7	82.8	60.1	53.3	323.8
7	57.8	64.1	58.8	87.6	65.4	43.6	241.0	230.0	228.3	223.2	221.0	227.6	246.2	237.9	69.9	77.3	115.3	74.3	69.2	225.0	278.2	248.6	291.6	192.3	200.3
8	257.7	272.4	286.5	293.8	250.5	218.4	254.7	137.1	219.9	193.0	190.8	179.0	71.9	79.5	71.8	68.2	75.1	77.1	88.0	85.5	70.6	134.7	272.9	242.9	85.8
9	236.6	225.2	224.4	235.8	219.8	229.2	219.5	217.1	231.4	232.3	329.6	80.6	70.4	69.3	71.2	80.8	82.6	79.7	76.2	62.4	56.5	54.3	50.7	57.5	85.2
10	58.5	77.4	70.1	62.4	94.9	66.3	222.2	215.2	218.6	213.6	212.2	228.8	227.4	230.8	226.7	237.2	257.0	250.3	224.3	267.9	279.0	289.1	277.3	280.6	246.2
11	294.0	284.1	287.4	279.4	276.6	271.0	247.3	238.3	256.4	257.7	246.3	235.1	231.1	42.1	58.7	63.9	61.9	83.0	73.6	62.0	84.8	113.8	282.2	221.2	279.6
12	205.8	221.7	257.6	278.0	279.3	271.5	264.0	275.6	283.9	283.5	275.0	274.1	244.4	226.5	222.5	221.9	222.0	230.8	218.9	221.5	227.7	231.9	237.1	243.6	242.2
13	249.2	261.2	269.2	268.5	274.2	268.2	272.9	287.9	277.0	278.4	249.7	230.0	231.9	121.9	68.7	76.5	84.5	73.5	79.0	83.0	83.0	87.1	86.8	79.7	281.9
14	74.7	70.5	75.9	78.6	81.3	81.4	71.3	84.4	68.9	83.9	74.2	75.1	77.6	72.5	66.3	67.6	65.3	80.3	75.5	69.3	72.8	65.5	66.8	55.8	73.4
15	69.6	47.5	45.8	141.0	61.0	62.7	112.2	42.9	226.0	219.4	186.6	60.4	60.1	58.8	69.5	74.3	62.0	66.3	59.7	54.2	59.5	60.3	61.6	61.6	66.5
16	64.7	67.5	63.8	50.2	61.7	71.5	77.7	61.8	71.0	65.4	64.1	64.9	43.8	56.3	50.5	49.5	62.1	49.6	48.0	56.8	67.3	67.8	72.1	74.7	59.1
17	57.8	70.4	63.8	294.7	224.2	4.4	260.2	155.1	119.1	88.9	102.4	71.7	62.3	56.9	55.8	61.7	63.7	55.9	62.9	59.8	60.9	59.7	56.6	66.3	63.0
18	66.2	65.1	62.9	61.6	61.0	62.0	55.5	67.6	74.4	68.2	77.8	72.4	68.2	53.9	55.8	53.3	48.2	56.7	56.8	58.0	342.4	205.1	220.5	79.5	62.5
19	85.7	258.8	297.3	272.2	262.6	270.5	264.0	270.5	265.6	262.4	253.7	244.2	242.5	230.0	223.0	219.5	228.3	221.1	223.0	225.0	221.4	219.7	216.1	220.9	237.8
20	228.9	223.0	252.0	258.9	267.4	272.1	265.3	289.4	272.8	277.7	267.1	226.5	224.2	232.8	222.8	221.1	219.0	229.3	222.5	226.0	215.4	214.8	207.8	207.5	235.7
21	220.6	216.9	210.6	228.3	234.2	245.5	247.6	263.0	274.8	256.8	230.6	213.8	215.5	223.4	223.8	218.5	220.8	217.2	206.2	206.6	204.7	199.7	201.6	210.6	219.9
22	199.9	209.0	202.8	192.6	193.8	199.2	192.7	197.3	199.7	197.0	191.4	195.3	188.5	195.1	198.4	192.9	182.1	187.3	184.0	217.9	223.5	241.6	246.5	247.2	199.9
23	243.7	237.8	283.6	219.1	192.6	201.2	202.8	219.3	246.9	183.2	215.2	223.9	223.7	222.0	219.2	228.9	229.2	218.8	213.7	202.2	213.8	219.1	222.2	225.1	220.8
24	220.9	222.4	207.1	203.2	224.0	220.5	211.4	203.9	219.1	213.7	201.8	213.9	194.1	196.1	190.3	198.6	197.6	197.6	206.1	205.4	209.9	202.5	216.9	250.8	206.9
25	248.1	249.5	253.7	215.3	208.1	218.5	233.9	217.8	208.3	205.5	206.3	216.8	203.8	212.3	202.3	191.7	203.5	194.6	187.1	193.2	187.9	201.0	203.7	198.5	205.8
26	200.4	200.3	195.0	190.8	190.1	199.9	192.4	191.6	196.9	199.3	202.6	196.2	195.0	215.7	216.6	226.2	224.5	222.4	212.2	202.6	203.6	201.2	193.2	201.7	203.3
27	199.6	204.7	200.3	211.5	207.5	200.3	196.7	211.0	230.6	204.6	214.5	226.1	226.0	220.6	212.4	210.2	206.2	212.4	216.0	221.9	221.6	218.6	217.9	215.6	212.2
28	208.1	153.5	130.1	239.4	255.6	258.7	265.1	257.4	258.8	244.6	226.5	229.0	220.5	209.5	205.0	217.7	226.7	213.7	221.1	213.5	204.6	215.4	216.1	210.7	223.7
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672
	150.4	154.5	158.6	172.8	171.0	164.7	186.6	176.9	188.3	181.4	180.5	173.4	153.8	143.6	133.8	131.8	134.6	132.7	129.7	136.4	151.4	149.9	162.7	152.8	
	294.0	284.1	297.3	294.7	279.3	280.8	282.8	289.4	283.9	283.5	329.6	343.0	246.2	237.9	226.7	237.2	257.0	250.3	224.3	267.9	342.4	289.1	291.6	280.6	



Number of Non-Zero Readings	672		
Maximum 1-HR Average	343 degrees		
Maximum 24-HR Average	324 degrees		
		Opperational Time	672 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	82.58	Monthly Average	157.2 degrees

Lagoon Pressure (mmHg) – February 2025

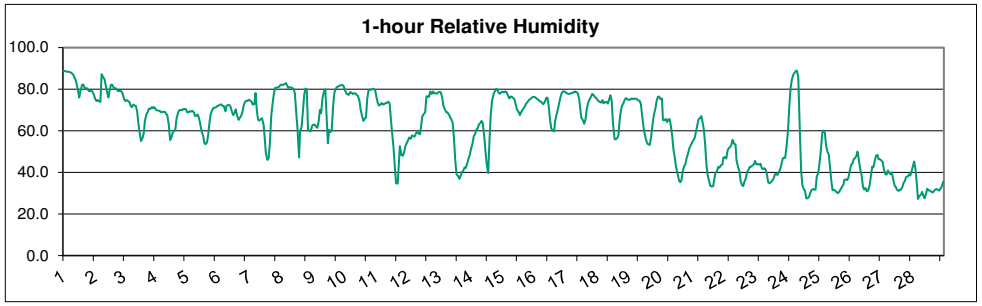
Day	HOUR																								
	637.7	637.8	637.9	637.9	637.8	638.1	638.4	639.0	639.8	640.9	642.1	643.3	643.2	643.5	644.1	644.7	645.2	645.6	646.0	646.3	646.4	646.4	646.5	646.4	642.3	646.5
	646.3	646.3	646.0	646.2	646.4	646.7	646.7	646.9	647.4	647.9	648.4	648.6	648.4	648.2	648.4	648.8	649.5	650.2	650.9	651.4	651.8	652.5	652.9	653.3	648.7	653.3
	653.4	653.5	653.5	653.8	653.8	654.1	654.0	654.1	654.3	654.6	654.7	654.4	654.1	653.8	653.6	653.8	653.9	654.1	654.5	654.7	654.9	654.8	654.9	654.9	654.2	654.9
	655.1	655.0	654.6	654.4	654.4	654.4	654.2	654.2	654.1	654.3	654.3	654.3	653.7	652.9	652.4	652.1	652.0	652.0	652.0	651.6	651.3	651.0	650.5	650.0	653.1	655.1
	649.5	648.7	648.1	647.5	646.7	646.4	645.8	645.5	645.3	645.2	645.0	644.8	644.6	644.2	643.7	643.5	643.7	644.0	644.3	644.8	645.6	645.5	645.5	645.9	645.6	649.5
	646.3	646.6	646.7	647.2	647.2	647.6	648.1	648.5	649.0	649.6	649.9	650.2	650.1	649.7	649.6	649.5	649.8	650.1	650.3	650.4	650.7	650.9	650.9	650.8	649.2	650.9
	650.8	650.6	650.4	650.6	650.4	650.4	650.3	650.3	650.5	650.7	650.7	650.5	650.0	649.5	649.3	649.0	649.1	649.0	649.0	648.9	648.9	649.0	649.2	649.3	649.8	650.8
	649.3	649.4	649.5	649.5	649.7	649.9	650.0	650.3	650.7	650.9	651.1	651.1	650.8	650.5	650.7	651.0	651.6	652.3	652.9	653.2	653.6	654.0	654.3	654.6	651.3	654.6
	654.7	654.9	655.2	655.6	655.8	656.0	656.1	656.2	656.4	656.6	656.6	656.5	656.0	655.5	655.0	655.1	655.4	655.9	656.4	656.9	657.3	657.7	658.1	658.5	656.2	658.5
	659.2	660.0	660.4	660.7	660.8	661.0	661.0	661.0	661.1	660.9	660.6	660.1	659.3	658.3	657.4	656.5	656.2	656.0	655.8	655.2	655.0	654.8	654.6	654.2	658.3	661.1
	653.8	653.4	652.7	652.5	652.1	652.2	652.3	651.6	651.5	651.9	651.9	651.7	651.4	650.9	650.6	650.5	650.7	650.9	651.2	651.2	651.1	650.9	650.6	650.4	651.6	653.8
	650.1	649.9	649.6	649.1	648.6	648.1	647.9	647.6	647.3	646.7	646.0	645.4	644.7	643.8	643.2	642.8	642.7	642.9	642.7	642.5	642.9	643.3	643.4	643.6	645.6	650.1
	643.8	643.9	644.2	644.2	644.1	644.3	644.3	644.3	644.5	644.5	644.3	643.9	643.4	642.8	642.7	643.0	643.3	643.7	644.1	644.3	644.6	644.9	645.3	645.5	644.1	645.5
	645.6	645.9	646.2	646.6	647.1	647.4	647.7	648.1	648.7	649.0	649.5	649.7	649.6	649.6	649.8	650.0	650.7	651.5	652.0	652.5	652.8	653.2	653.4	653.7	649.6	653.7
	654.0	654.4	654.4	654.8	654.9	655.0	655.2	655.5	655.6	655.4	655.4	655.3	655.0	654.6	654.6	654.9	655.3	655.6	655.9	655.8	655.6	655.6	655.9	655.8	655.2	655.9
	655.6	655.3	654.9	654.5	654.1	653.7	653.6	653.4	653.2	652.9	652.5	651.9	651.5	650.9	650.4	650.2	650.1	650.0	650.1	650.0	650.0	650.1	650.1	650.0	652.0	655.6
	649.8	649.8	649.7	649.4	649.0	649.2	649.2	649.2	649.3	649.2	648.8	648.6	648.2	647.8	647.6	647.8	648.0	648.7	649.6	650.2	650.6	651.3	651.8	652.0	649.4	652.0
	652.3	652.7	653.2	653.8	654.3	654.9	655.5	655.8	656.0	656.4	656.5	656.4	656.1	655.6	655.3	655.1	655.2	655.2	655.1	655.1	655.0	654.5	654.1	653.9	654.9	656.5
	653.5	652.9	652.3	651.6	651.2	650.9	650.7	650.8	650.5	650.0	649.6	648.9	648.1	647.5	646.9	646.6	646.4	646.1	646.1	646.1	646.1	646.2	646.4	646.8	648.8	653.5
	647.1	647.4	648.0	648.5	648.7	648.9	649.1	649.6	650.2	650.3	650.7	650.9	650.8	650.7	650.7	650.9	651.1	651.4	651.7	651.8	651.9	652.2	652.4	652.0	650.3	652.4
	651.9	652.2	652.3	652.0	651.8	652.0	651.9	651.5	650.8	650.4	649.8	649.3	648.9	648.3	648.1	648.0	648.1	648.6	648.4	648.1	647.5	647.1	646.9	646.7	649.6	652.3
	646.5	646.2	645.8	645.7	645.0	644.8	644.7	644.4	644.7	645.0	645.4	645.3	645.3	645.0	644.7	644.2	644.0	643.5	643.0	643.0	642.5	641.9	641.3	640.7	644.3	646.5
	640.9	641.2	641.5	641.2	640.7	640.5	640.2	640.4	640.9	641.1	640.9	641.1	641.6	641.9	642.2	642.4	642.8	643.2	643.4	643.0	642.5	642.0	641.7	641.8	641.6	643.4
	641.6	642.0	642.5	642.9	643.1	643.4	643.6	643.7	644.3	644.8	644.7	644.4	644.2	644.0	643.6	643.3	643.0	642.7	642.7	642.4	642.0	641.6	641.5	641.7	643.1	644.8
	641.9	641.9	642.0	641.7	641.7	642.0	642.3	642.4	642.5	642.8	643.0	643.2	643.6	643.9	644.4	644.9	645.8	646.4	647.0	647.7	648.2	648.8	649.3	649.7	644.5	649.7
	650.2	651.1	651.8	651.9	651.8	651.9	652.2	652.8	652.6	652.8	653.0	653.1	653.5	653.0	652.9	653.3	653.3	653.1	653.1	652.9	652.9	653.0	652.5	651.6	652.5	653.5
	651.4	650.6	649.7	648.8	648.2	648.2	648.3	648.1	647.2	647.1	647.1	646.5	646.6	647.0	647.4	647.4	648.0	648.4	649.0	649.5	649.9	650.4	650.8	651.1	648.6	651.4
	651.4	651.9	652.3	652.2	652.3	652.1	652.0	651.9	651.8	652.1	652.0	652.0	651.6	651.4	651.2	651.3	651.0	650.8	650.7	650.9	650.6	650.7	650.8	651.0	651.5	652.3
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	649.4	649.5	649.5	649.5	649.3	649.4	649.5	649.5	649.6	649.8	649.8	649.7	649.4	649.1	648.9	649.0	649.1	649.4	649.6	649.7	649.7	649.8	649.8	649.8		
	659.2	660.0	660.4	660.7	660.8	661.0	661.0	661.0	661.1	660.9	660.6	660.1	659.3	658.3	657.4	656.5	656.2	656.0	656.4	656.9	657.3	657.7	658.1	658.5		



Number of Non-Zero Readings	672		
Maximum 1-HR Average	661	MMHg	
Maximum 24-HR Average	658	MMHg	
		Opperational Time	672 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	4.624	Monthly Average	649.5 MMHg

Lagoon Relative Humidity (%) – February 2025

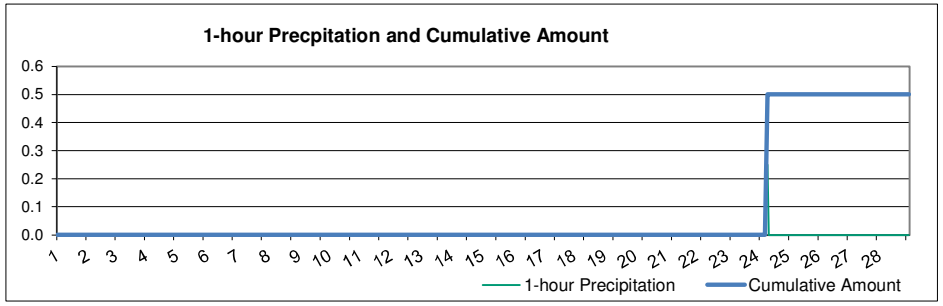
Day / HOUR																										
	88.6	88.8	88.6	88.4	88.3	88.2	87.9	87.3	85.9	84.7	82.4	79.5	76.1	79.2	82.2	82.2	80.9	80.2	80.4	79.3	79.1	79.2	78.8	77.7	83.1	88.8
	75.2	74.3	74.8	74.3	73.8	71.8	71.4	72.6	72.1	72.0	69.2	63.4	58.8	55.1	56.6	59.4	64.8	68.0	69.0	70.7	70.5	71.4	70.9	71.5	68.8	75.2
	70.4	69.9	69.6	69.7	68.8	68.9	69.3	69.1	68.2	67.8	62.8	55.6	56.8	59.0	60.3	60.2	65.8	68.8	69.9	70.0	69.9	70.4	70.5	70.5	66.8	70.5
	68.9	69.0	69.4	69.3	69.8	68.9	67.1	67.2	67.9	66.4	63.5	60.3	57.7	54.1	53.6	54.3	58.0	64.0	68.2	69.7	71.0	71.1	71.4	72.1	65.5	72.1
	72.3	72.5	72.7	72.0	71.7	69.4	72.0	72.3	72.5	71.6	69.2	67.5	68.5	70.3	67.5	65.2	65.9	67.4	69.1	72.3	73.8	74.5	74.3	74.9	70.8	74.9
	74.6	73.8	72.6	72.8	78.2	69.7	65.3	64.9	65.6	66.0	63.0	55.8	49.4	46.0	46.8	54.7	67.2	72.8	77.5	80.5	80.8	81.1	81.2	82.2	68.4	82.2
	82.2	82.1	82.4	82.9	82.0	80.6	80.9	80.9	80.3	80.3	77.9	69.0	61.1	47.3	59.3	62.0	69.5	77.2	80.3	80.0	60.5	60.1	59.8	62.5	72.5	82.9
	63.0	62.9	62.0	61.4	64.3	70.0	68.4	75.7	78.9	80.0	70.1	54.0	60.5	59.5	60.1	71.1	77.9	80.1	81.2	81.5	81.7	82.0	82.0	81.6	71.2	82.0
	79.7	77.9	77.7	77.3	78.6	78.3	77.8	78.0	78.1	77.3	76.8	74.1	70.5	67.1	64.9	65.8	66.4	75.5	79.4	79.9	79.8	80.1	80.2	79.5	75.9	80.2
	75.9	73.3	72.1	72.7	73.4	72.5	73.0	73.3	73.4	74.0	73.0	65.6	58.6	52.1	43.1	34.9	34.7	44.7	52.7	48.3	48.1	49.5	52.6	54.3	60.3	75.9
	55.3	56.8	56.2	57.9	57.4	57.3	58.6	59.8	58.9	58.4	61.8	67.0	68.2	68.8	76.7	76.6	76.3	78.9	77.7	79.0	78.1	78.0	77.9	78.4	67.5	79.0
	78.7	78.6	76.1	72.1	70.1	68.9	68.9	67.9	66.6	65.3	64.0	56.5	46.1	39.1	38.4	37.0	37.9	40.2	40.8	42.4	42.2	44.8	46.4	48.2	55.7	78.7
	51.6	53.9	57.5	58.3	60.6	61.1	63.1	63.9	64.8	63.9	56.6	49.3	43.2	39.6	55.3	68.1	74.5	77.8	78.7	80.1	79.7	78.2	77.8	78.7	64.0	80.1
	78.7	78.5	78.9	78.6	77.2	75.5	76.5	76.4	75.9	75.1	72.7	70.2	69.1	67.6	68.7	70.2	71.0	71.7	73.2	73.8	74.7	75.3	75.8	76.4	74.2	78.9
	76.4	76.0	75.4	75.2	74.4	74.0	73.6	72.8	73.9	75.7	76.0	72.1	65.5	61.3	60.1	59.8	64.6	67.9	70.5	73.6	76.3	78.3	78.9	78.9	72.1	78.9
	78.4	78.1	77.8	77.9	78.0	78.3	78.5	79.0	78.7	78.3	75.8	70.3	66.4	65.2	63.5	65.4	70.7	73.2	75.0	76.0	77.6	77.3	76.4	75.8	74.6	79.0
	74.9	74.2	73.8	73.6	74.7	73.3	73.8	73.9	73.1	75.1	77.1	74.4	63.4	56.1	55.9	56.5	57.9	65.6	70.0	72.4	73.5	75.0	75.7	75.1	70.4	77.1
	74.8	75.1	75.5	75.2	75.5	75.4	75.3	74.6	74.5	72.9	69.0	62.3	58.4	55.9	54.0	53.5	53.3	57.0	63.6	67.9	70.3	74.2	76.4	76.5	68.4	76.5
	75.3	75.5	65.3	65.2	65.7	64.2	65.5	65.5	62.3	57.6	51.0	46.2	42.7	39.2	36.3	35.3	36.3	40.4	42.9	43.9	46.8	49.5	51.4	53.1	53.2	75.5
	54.4	55.4	56.6	59.3	62.4	65.4	66.2	67.1	65.0	60.6	53.5	43.7	38.6	36.1	33.5	33.2	33.5	37.0	39.8	40.6	42.7	42.4	43.4	43.8	48.9	67.1
	47.1	47.4	46.6	50.6	51.7	52.1	53.5	55.8	53.8	53.4	45.9	43.2	40.5	36.0	34.1	33.5	35.7	37.2	40.2	41.5	42.6	42.8	43.4	43.8	44.7	55.8
	45.6	43.9	44.1	43.8	44.1	42.3	41.5	42.1	41.4	39.1	35.3	34.9	35.2	35.9	37.0	39.1	39.3	38.9	40.2	41.2	43.9	46.8	47.2	47.0	41.2	47.2
	53.4	60.5	72.0	80.7	84.6	86.7	87.8	88.8	88.8	85.5	59.2	40.5	33.9	32.1	31.3	27.5	27.5	28.4	30.1	31.8	32.0	31.8	31.8	38.3	52.7	88.8
	39.4	44.1	49.6	59.0	60.2	59.1	52.8	50.1	48.8	43.1	36.4	31.4	31.7	31.2	30.7	30.1	30.8	31.9	33.1	34.1	36.5	36.7	36.4	37.8	40.6	60.2
	40.8	43.6	44.1	46.4	46.8	48.2	50.0	46.3	41.3	38.6	33.2	31.7	32.5	31.1	31.2	33.8	37.3	42.9	42.5	45.5	48.1	48.5	46.3	46.3	41.5	50.0
	45.9	44.9	41.9	39.3	39.0	40.9	39.9	39.1	40.0	37.3	33.7	32.9	31.9	31.1	31.8	31.8	33.1	35.0	35.9	37.9	38.0	39.1	38.6	40.5	37.5	45.9
	43.1	45.2	41.8	33.7	27.3	28.6	29.3	30.7	28.9	27.5	29.8	32.1	31.5	31.4	30.8	30.4	31.2	31.6	32.1	31.7	31.3	32.1	33.2	35.5	32.5	45.2
	38.1	38.4	42.4	49.2	47.6	47.0	48.0	49.6	50.7	46.1	42.0	36.2	32.9	32.4	31.9	29.4	25.4	26.5	30.9	34.0	36.0	39.3	41.3	42.2	39.1	50.7
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	64.4	64.8	64.9	65.6	65.9	65.6	65.6	65.9	65.4	64.1	60.0	55.0	51.8	49.3	49.8	50.7	53.1	56.5	58.8	60.0	60.2	61.0	61.4	62.2		
	88.6	88.8	88.6	88.4	88.3	88.2	87.9	88.8	88.8	85.5	82.4	79.5	76.1	79.2	82.2	82.2	80.9	80.2	81.2	81.5	81.7	82.0	82.0	82.2		



Number of Non-Zero Readings	672		
Maximum 1-HR Average	88.8 %		
Maximum 24-HR Average	83.1 %		
		Opperational Time	672 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	16.78	Monthly Average	60.1 %

Lagoon Precipitation (mm) – February 2025

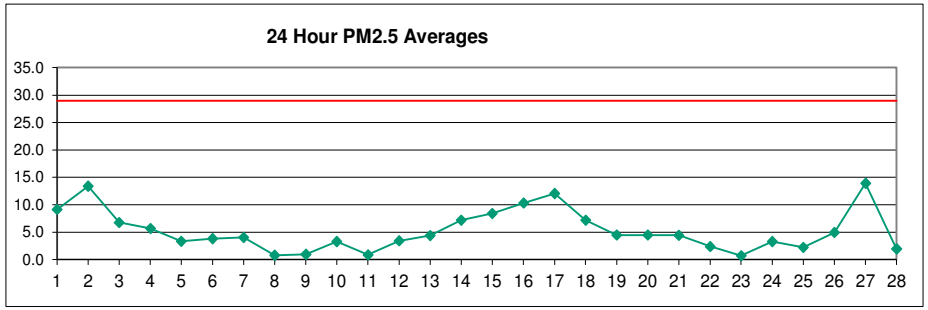
Day	HOUR																								
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		



Number of Non-Zero Readings	2		
Maximum 1-HR Average	0.5 MM		
Maximum 24-HR Average	0.3 MM		
		Opperational Time	672 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	0.014	Monthly Average	0.00 MM

Windridge $PM_{2.5}$ (µg/m^3) – February 2025

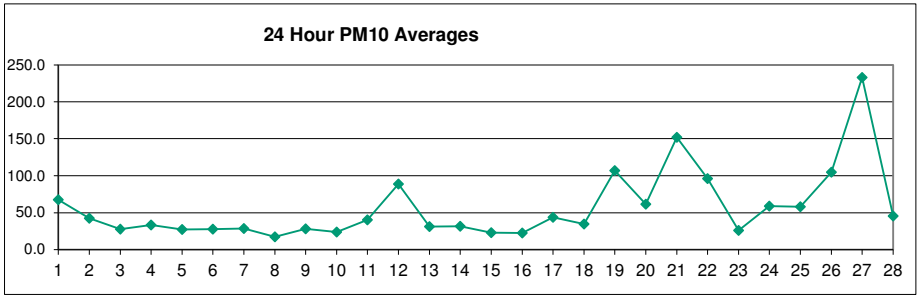
Day	HOUR																								
	17.0	11.0	9.0	11.0	13.0	9.0	6.0	6.0	14.0	12.0	14.0	7.0	13.0	8.0	6.0	5.0	5.0	5.0	9.0	8.0	8.0	8.0	7.0	9.0	9.2	17.0
	22.0	9.0	17.0	13.0	17.0	21.0	29.0	30.0	23.0	28.0	15.0	10.0	16.0	15.0	9.0	10.0	9.0	6.0	4.0	8.0	6.0	3.0	1.0	1.0	13.4	30.0
	3.0	4.0	19.0	9.0	8.0	5.0	2.0	5.0	5.0	8.0	11.0	10.0	6.0	4.0	8.0	7.0	7.0	5.0	4.0	2.0	9.0	7.0	8.0	7.0	6.8	19.0
	6.0	9.0	10.0	12.0	8.0	8.0	9.0	15.0	11.0	9.0	15.0	6.0	4.0	4.0	3.0	1.0	1.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	5.7	15.0
	0.0	1.0	3.0	2.0	1.0	2.0	3.0	3.0	1.0	1.0	1.0	3.0	5.0	3.0	1.0	1.0	8.0	2.0	3.0	2.0	6.0	14.0	9.0	5.0	3.3	14.0
	3.0	3.0	7.0	7.0	6.0	2.0	0.0	1.0	1.0	0.0	2.0	5.0	10.0	8.0	7.0	2.0	0.0	12.0	6.0	0.0	1.0	6.0	2.0	1.0	3.8	12.0
	3.0	2.0	2.0	5.0	7.0	4.0	1.0	1.0	3.0	7.0	8.0	7.0	3.0	7.0	8.0	6.0	9.0	6.0	4.0	1.0	0.0	3.0	0.0	0.0	4.0	9.0
	0.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	3.0	1.0	0.0	1.0	4.0	1.0	0.0	0.0	0.0	0.0	0.8	4.0
	2.0	2.0	0.0	1.0	1.0	0.0	0.0	0.0	2.0	2.0	2.0	1.0	0.0	0.0	1.0	1.0	2.0	3.0	2.0	0.0	0.0	1.0	0.0	0.0	1.0	3.0
	0.0	1.0	2.0	5.0	8.0	5.0	7.0	6.0	8.0	8.0	4.0	4.0	4.0	3.0	2.0	1.0	1.0	0.0	0.0	4.0	4.0	2.0	0.0	0.0	3.3	8.0
	0.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	1.0	0.0	1.0	1.0	1.0	0.0	0.0	1.0	3.0	4.0	2.0	0.0	0.9	4.0
	2.0	2.0	0.0	0.0	0.0	0.0	1.0	2.0	2.0	14.0	9.0	17.0	0.0	1.0	2.0	5.0	4.0	6.0	5.0	2.0	0.0	1.0	5.0	3.0	3.5	17.0
	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	14.0	14.0	9.0	11.0	8.0	5.0	5.0	14.0	11.0	4.4	14.0
	10.0	12.0	9.0	12.0	10.0	13.0	10.0	10.0	9.0	9.0	6.0	3.0	5.0	5.0	5.0	8.0	6.0	4.0	4.0	5.0	3.0	3.0	4.0	8.0	7.2	13.0
	8.0	6.0	9.0	8.0	6.0	10.0	13.0	14.0	8.0	11.0	15.0	10.0	7.0	5.0	6.0	8.0	9.0	7.0	6.0	6.0	5.0	7.0	7.0	11.0	8.4	15.0
	12.0	11.0	7.0	6.0	7.0	7.0	6.0	4.0	9.0	8.0	10.0	7.0	8.0	5.0	10.0	12.0	10.0	13.0	16.0	15.0	18.0	15.0	15.0	17.0	10.3	18.0
	12.0	14.0	12.0	19.0	16.0	22.0	16.0	24.0	12.0	13.0	24.0	15.0	16.0	11.0	10.0	10.0	9.0	6.0	6.0	4.0	2.0	3.0	6.0	7.0	12.0	24.0
	6.0	4.0	6.0	6.0	7.0	7.0	9.0	8.0	13.0	9.0	7.0	8.0	5.0	5.0	4.0	6.0	4.0	3.0	6.0	8.0	6.0	9.0	19.0	8.0	7.2	19.0
	5.0	2.0	2.0	5.0	6.0	3.0	1.0	2.0	1.0	9.0	12.0	7.0	2.0	0.0	0.0	3.0	5.0	7.0	6.0	5.0	6.0	6.0	6.0	6.0	4.5	12.0
	5.0	5.0	3.0	2.0	3.0	4.0	3.0	2.0	0.0	0.0	C	C	C	8.0	8.0	7.0	5.0	10.0	7.0	5.0	3.0	3.0	6.0	5.0	4.5	10.0
	1.0	1.0	3.0	1.0	2.0	1.0	0.0	0.0	1.0	2.0	2.0	19.0	13.0	19.0	8.0	11.0	5.0	1.0	1.0	2.0	2.0	4.0	4.0	3.0	4.4	19.0
	3.0	3.0	1.0	2.0	3.0	2.0	10.0	7.0	4.0	6.0	4.0	0.0	0.0	2.0	3.0	2.0	1.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	2.4	10.0
	0.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	2.0	2.0	2.0	0.0	5.0	0.7	5.0
	5.0	11.0	10.0	6.0	4.0	4.0	4.0	4.0	1.0	0.0	6.0	3.0	0.0	2.0	5.0	3.0	3.0	2.0	0.0	3.0	3.0	0.0	0.0	0.0	3.3	11.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	4.0	8.0	7.0	4.0	2.0	3.0	4.0	4.0	5.0	2.0	1.0	0.0	0.0	2.2	8.0
	0.0	0.0	0.0	4.0	1.0	0.0	0.0	1.0	3.0	1.0	1.0	3.0	1.0	4.0	11.0	7.0	1.0	0.0	7.0	11.0	18.0	16.0	16.0	13.0	5.0	18.0
	7.0	2.0	3.0	16.0	9.0	7.0	6.0	2.0	2.0	30.0	52.0	43.0	46.0	33.0	27.0	14.0	12.0	11.0	6.0	1.0	0.0	0.0	1.0	4.0	13.9	52.0
	2.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	4.0	1.0	3.0	2.0	1.0	0.0	3.0	4.0	3.0	5.0	4.0	2.0	4.0	3.0	2.0	5.0
	28	28	28	28	28	28	28	28	28	28	27	27	27	28	28	28	28	28	28	28	28	28	28	28	669	100%
	4.8	4.3	4.9	5.5	5.2	4.9	4.9	5.3	4.8	7.0	8.7	7.2	6.5	5.9	5.7	5.3	4.9	4.7	4.5	4.1	4.3	4.6	4.9	4.5		
	22.0	14.0	19.0	19.0	17.0	22.0	29.0	30.0	23.0	30.0	52.0	43.0	46.0	33.0	27.0	14.0	14.0	13.0	16.0	15.0	18.0	16.0	19.0	17.0		



Number of 24HR Exceedences	0 Proposed Guideline		
Number of Non-Zero Readings	537		
Maximum 1-HR Average	52.0 UG/M3		
Maximum 24-HR Average	13.9 UG/M3		
IZS Calibration Time		Opperational Time	672 HRS
Down Time	0	Opperational Uptime	100.0 %
Standard Deviation	5.99	Monthly Average	5.3 UG/M3

Windridge PM_{10} (µg/m^3) – February 2025

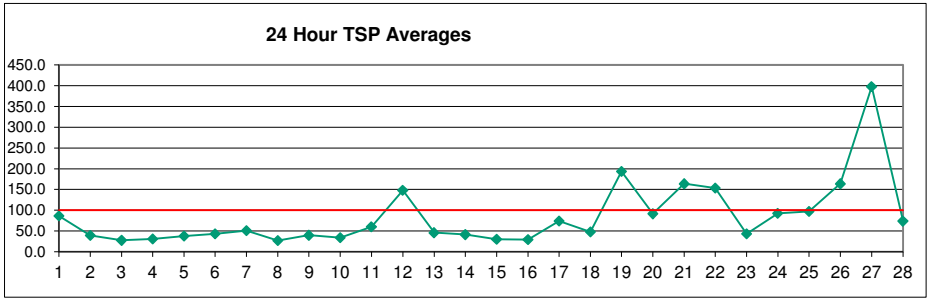
Day	HOUR																								
	17.0	19.0	15.0	17.0	27.0	154.0	74.0	84.0	96.0	93.0	107.0	59.0	230.0	176.0	149.0	62.0	13.0	27.0	15.0	14.0	13.0	45.0	23.0	93.0	67.6	230.0
	19.0	22.0	39.0	44.0	41.0	163.0	55.0	22.0	18.0	41.0	203.0	99.0	30.0	32.0	30.0	32.0	24.0	19.0	15.0	23.0	15.0	11.0	14.0	9.0	42.5	203.0
	11.0	14.0	22.0	16.0	15.0	15.0	36.0	40.0	5.0	17.0	28.0	25.0	28.0	33.0	28.0	27.0	55.0	56.0	19.0	9.0	20.0	22.0	55.0	67.0	27.6	67.0
	96.0	39.0	91.0	75.0	52.0	23.0	51.0	86.0	32.0	29.0	46.0	40.0	10.0	8.0	9.0	8.0	9.0	11.0	9.0	40.0	17.0	8.0	8.0	5.0	33.4	96.0
	19.0	10.0	9.0	9.0	12.0	50.0	23.0	40.0	31.0	34.0	28.0	56.0	70.0	38.0	24.0	4.0	7.0	6.0	6.0	11.0	36.0	96.0	14.0	24.0	27.4	96.0
	45.0	75.0	55.0	12.0	15.0	15.0	4.0	6.0	15.0	16.0	10.0	50.0	23.0	35.0	16.0	7.0	25.0	59.0	47.0	40.0	31.0	27.0	22.0	13.0	27.6	75.0
	13.0	10.0	14.0	21.0	11.0	7.0	6.0	10.0	13.0	93.0	141.0	65.0	21.0	50.0	42.0	16.0	27.0	23.0	13.0	27.0	22.0	12.0	9.0	17.0	28.5	141.0
	13.0	9.0	5.0	7.0	7.0	8.0	5.0	2.0	12.0	22.0	27.0	4.0	4.0	15.0	78.0	45.0	44.0	35.0	11.0	9.0	7.0	5.0	28.0	13.0	17.3	78.0
	16.0	13.0	23.0	20.0	45.0	30.0	36.0	50.0	43.0	22.0	43.0	16.0	11.0	13.0	6.0	24.0	36.0	75.0	49.0	35.0	7.0	15.0	8.0	41.0	28.2	75.0
	21.0	13.0	7.0	13.0	13.0	12.0	15.0	78.0	38.0	58.0	31.0	22.0	22.0	30.0	36.0	13.0	7.0	8.0	15.0	17.0	19.0	22.0	17.0	42.0	23.7	78.0
	35.0	48.0	13.0	9.0	11.0	8.0	56.0	103.0	29.0	100.0	157.0	79.0	43.0	63.0	55.0	20.0	31.0	21.0	13.0	16.0	9.0	20.0	24.0	7.0	40.4	157.0
	6.0	7.0	18.0	27.0	10.0	8.0	21.0	17.0	46.0	221.0	230.0	124.0	34.0	53.0	61.0	126.0	93.0	100.0	101.0	169.0	54.0	161.0	211.0	234.0	88.8	234.0
	52.0	83.0	12.0	19.0	12.0	22.0	38.0	10.0	14.0	22.0	34.0	19.0	6.0	19.0	21.0	40.0	56.0	38.0	35.0	54.0	18.0	29.0	53.0	37.0	31.0	83.0
	40.0	40.0	30.0	29.0	37.0	36.0	35.0	38.0	34.0	34.0	33.0	26.0	26.0	38.0	30.0	50.0	30.0	35.0	19.0	34.0	19.0	18.0	25.0	20.0	31.5	50.0
	24.0	25.0	27.0	38.0	31.0	29.0	35.0	38.0	29.0	31.0	46.0	26.0	20.0	11.0	14.0	17.0	13.0	24.0	12.0	10.0	9.0	7.0	6.0	30.0	23.0	46.0
	36.0	13.0	21.0	18.0	13.0	15.0	13.0	20.0	28.0	15.0	20.0	17.0	12.0	11.0	17.0	39.0	33.0	25.0	20.0	24.0	24.0	24.0	32.0	44.0	22.3	44.0
	24.0	24.0	89.0	70.0	53.0	52.0	43.0	160.0	38.0	54.0	56.0	38.0	37.0	21.0	17.0	20.0	14.0	16.0	18.0	37.0	33.0	42.0	34.0	56.0	43.6	160.0
	42.0	38.0	21.0	13.0	19.0	16.0	16.0	50.0	137.0	50.0	61.0	41.0	22.0	20.0	13.0	13.0	12.0	13.0	18.0	34.0	38.0	29.0	59.0	51.0	34.4	137.0
	24.0	53.0	77.0	60.0	83.0	44.0	39.0	71.0	67.0	221.0	301.0	156.0	26.0	22.0	36.0	95.0	178.0	191.0	178.0	127.0	104.0	130.0	157.0	122.0	106.8	301.0
	110.0	99.0	57.0	28.0	20.0	53.0	40.0	7.0	14.0	78.0	C	C	C	88.0	52.0	44.0	66.0	199.0	50.0	34.0	21.0	48.0	63.0	126.0	61.8	199.0
	32.0	37.0	141.0	101.0	450.0	43.0	64.0	114.0	52.0	116.0	96.0	439.0	485.0	485.0	266.0	345.0	30.0	32.0	26.0	46.0	51.0	62.0	72.0	59.0	151.8	485.0
	46.0	138.0	73.0	80.0	89.0	132.0	389.0	177.0	110.0	113.0	73.0	67.0	102.0	90.0	205.0	68.0	80.0	91.0	37.0	42.0	28.0	48.0	16.0	6.0	95.8	389.0
	4.0	3.0	1.0	0.0	0.0	2.0	3.0	0.0	1.0	16.0	20.0	20.0	36.0	29.0	24.0	62.0	36.0	45.0	54.0	51.0	62.0	43.0	34.0	69.0	25.6	69.0
	66.0	69.0	97.0	56.0	39.0	51.0	57.0	64.0	61.0	81.0	218.0	86.0	65.0	103.0	72.0	54.0	42.0	29.0	21.0	45.0	12.0	15.0	9.0	2.0	58.9	218.0
	1.0	3.0	14.0	24.0	10.0	10.0	32.0	46.0	79.0	112.0	129.0	115.0	240.0	102.0	59.0	56.0	35.0	46.0	39.0	57.0	29.0	44.0	61.0	46.0	57.9	240.0
	26.0	31.0	17.0	51.0	34.0	30.0	38.0	104.0	145.0	120.0	113.0	76.0	46.0	193.0	413.0	118.0	43.0	65.0	112.0	111.0	128.0	169.0	229.0	106.0	104.9	413.0
	60.0	49.0	283.0	428.0	157.0	114.0	126.0	112.0	148.0	485.0	485.0	485.0	485.0	485.0	485.0	310.0	278.0	266.0	130.0	51.0	46.0	42.0	40.0	41.0	233.0	485.0
	16.0	9.0	6.0	3.0	10.0	10.0	20.0	60.0	43.0	76.0	97.0	68.0	67.0	48.0	68.0	53.0	53.0	85.0	52.0	48.0	60.0	50.0	48.0	38.0	45.3	97.0
	28	28	28	28	28	28	28	28	28	28	27	27	27	28	28	28	28	28	28	28	28	28	28	28	669	100%
	32.6	35.5	45.6	46.0	47.0	41.1	48.9	57.5	49.2	84.6	104.9	85.9	81.5	82.5	83.1	63.1	48.9	58.6	40.5	43.4	33.3	44.4	49.0	50.6		
	110.0	138.0	283.0	428.0	450.0	163.0	389.0	177.0	148.0	485.0	485.0	485.0	485.0	485.0	485.0	345.0	278.0	266.0	178.0	169.0	128.0	169.0	229.0	234.0		



Number of Non-Zero Readings	666		
Maximum 1-HR Average	485.0	UG/M3	
Maximum 24-HR Average	233.0	UG/M3	
IZS Calibration Time		OpperatioEl Time	672 HRS
Down Time	0	OpperatioEl Uptime	100.0 %
Standard Deviation	76.0	Monthly Average	56.4 UG/M3

Windridge TSP (µg/m^3) – February 2025

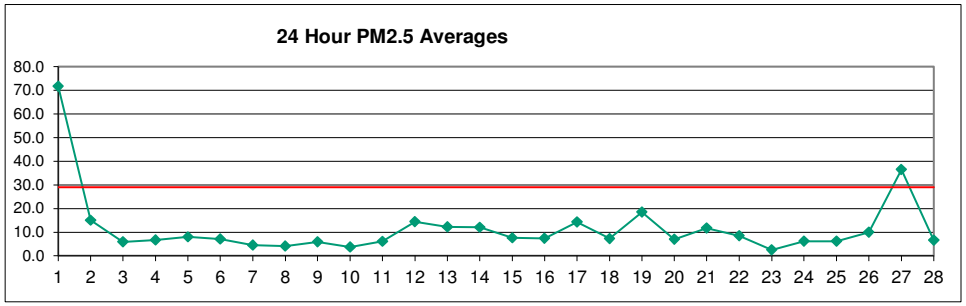
Day / HOUR																									
	20.0	20.0	22.0	21.0	26.0	137.0	126.0	160.0	168.0	143.0	149.0	51.0	230.0	180.0	170.0	68.0	15.0	25.0	16.0	12.0	11.0	76.0	50.0	176.0	86.3	230.0
	42.0	39.0	51.0	65.0	56.0	178.0	74.0	28.0	25.0	42.0	32.0	32.0	36.0	25.0	31.0	31.0	23.0	19.0	23.0	24.0	20.0	14.0	15.0	12.0	39.0	178.0
	6.0	10.0	27.0	17.0	15.0	14.0	34.0	49.0	24.0	16.0	21.0	28.0	27.0	26.0	25.0	23.0	57.0	63.0	18.0	12.0	19.0	24.0	52.0	59.0	27.8	63.0
	69.0	50.0	88.0	74.0	46.0	25.0	28.0	74.0	34.0	27.0	16.0	18.0	7.0	6.0	13.0	7.0	19.0	19.0	13.0	75.0	27.0	0.0	3.0	4.0	30.9	88.0
	23.0	13.0	7.0	8.0	6.0	17.0	13.0	17.0	28.0	37.0	62.0	81.0	113.0	69.0	50.0	13.0	11.0	8.0	7.0	23.0	66.0	164.0	31.0	44.0	38.0	164.0
	79.0	132.0	122.0	26.0	21.0	20.0	14.0	11.0	18.0	20.0	25.0	122.0	55.0	67.0	26.0	14.0	32.0	91.0	40.0	33.0	26.0	25.0	15.0	7.0	43.4	132.0
	9.0	7.0	17.0	19.0	26.0	11.0	8.0	20.0	31.0	159.0	312.0	147.0	45.0	92.0	61.0	31.0	41.0	34.0	16.0	53.0	47.0	9.0	11.0	22.0	51.2	312.0
	21.0	10.0	10.0	15.0	13.0	11.0	11.0	7.0	26.0	30.0	55.0	5.0	2.0	32.0	140.0	58.0	58.0	38.0	17.0	11.0	6.0	4.0	43.0	27.0	27.1	140.0
	19.0	25.0	46.0	33.0	56.0	47.0	45.0	90.0	51.0	27.0	47.0	21.0	13.0	15.0	26.0	41.0	63.0	82.0	40.0	36.0	11.0	17.0	14.0	85.0	39.6	90.0
	38.0	19.0	12.0	25.0	24.0	13.0	14.0	107.0	80.0	45.0	39.0	23.0	24.0	55.0	72.0	36.0	10.0	20.0	25.0	22.0	31.0	34.0	24.0	35.0	34.5	107.0
	39.0	31.0	14.0	7.0	2.0	12.0	86.0	181.0	56.0	178.0	279.0	147.0	51.0	68.0	65.0	26.0	38.0	21.0	14.0	26.0	14.0	41.0	39.0	16.0	60.5	279.0
	14.0	13.0	15.0	40.0	13.0	17.0	16.0	26.0	51.0	325.0	397.0	195.0	64.0	110.0	117.0	231.0	150.0	180.0	178.0	281.0	90.0	266.0	360.0	407.0	**148.2**	407.0
	109.0	150.0	18.0	34.0	22.0	27.0	19.0	11.0	17.0	43.0	60.0	42.0	9.0	38.0	37.0	39.0	57.0	51.0	44.0	81.0	33.0	36.0	73.0	48.0	45.8	150.0
	54.0	65.0	48.0	42.0	62.0	46.0	42.0	53.0	57.0	39.0	42.0	31.0	33.0	41.0	41.0	62.0	34.0	32.0	24.0	46.0	21.0	26.0	28.0	26.0	41.5	65.0
	29.0	29.0	38.0	58.0	43.0	44.0	50.0	47.0	40.0	34.0	50.0	35.0	22.0	19.0	22.0	20.0	23.0	25.0	9.0	10.0	9.0	11.0	9.0	54.0	30.4	58.0
	53.0	25.0	47.0	24.0	20.0	14.0	15.0	20.0	34.0	28.0	28.0	15.0	18.0	12.0	17.0	53.0	38.0	31.0	24.0	22.0	26.0	31.0	43.0	56.0	28.9	56.0
	39.0	31.0	177.0	110.0	76.0	73.0	56.0	344.0	79.0	89.0	102.0	54.0	59.0	30.0	15.0	18.0	15.0	19.0	25.0	88.0	63.0	79.0	66.0	81.0	74.5	344.0
	64.0	66.0	24.0	17.0	20.0	17.0	11.0	69.0	195.0	76.0	89.0	67.0	38.0	34.0	13.0	12.0	9.0	12.0	16.0	55.0	48.0	42.0	84.0	81.0	48.3	195.0
	47.0	88.0	124.0	98.0	137.0	83.0	61.0	134.0	111.0	419.0	514.0	324.0	74.0	52.0	73.0	194.0	324.0	339.0	320.0	229.0	180.0	208.0	296.0	213.0	**193.4**	514.0
	183.0	161.0	87.0	50.0	27.0	92.0	68.0	13.0	23.0	145.0	**C**	**C**	**C**	112.0	79.0	75.0	96.0	147.0	72.0	58.0	37.0	77.0	113.0	207.0	91.5	207.0
	57.0	65.0	161.0	102.0	48.0	59.0	48.0	101.0	84.0	196.0	187.0	482.0	426.0	437.0	376.0	478.0	67.0	53.0	46.0	70.0	81.0	102.0	112.0	100.0	**164.1**	482.0
	79.0	242.0	137.0	140.0	156.0	230.0	588.0	282.0	157.0	157.0	112.0	93.0	174.0	177.0	262.0	104.0	138.0	129.0	74.0	71.0	43.0	93.0	41.0	7.0	**153.6**	588.0
	5.0	0.0	0.0	5.0	4.0	4.0	7.0	2.0	5.0	24.0	30.0	42.0	65.0	53.0	56.0	106.0	54.0	76.0	85.0	84.0	103.0	68.0	52.0	104.0	43.1	106.0
	95.0	102.0	130.0	78.0	55.0	73.0	115.0	108.0	101.0	150.0	357.0	156.0	113.0	135.0	114.0	88.0	68.0	48.0	35.0	55.0	24.0	19.0	7.0	4.0	92.9	357.0
	2.0	2.0	38.0	34.0	19.0	9.0	61.0	93.0	139.0	194.0	194.0	212.0	354.0	179.0	111.0	100.0	57.0	70.0	63.0	92.0	54.0	73.0	105.0	71.0	96.9	354.0
	40.0	49.0	23.0	88.0	51.0	50.0	63.0	165.0	250.0	193.0	176.0	128.0	79.0	342.0	601.0	202.0	78.0	106.0	153.0	159.0	183.0	256.0	351.0	145.0	**163.8**	601.0
	83.0	72.0	404.0	593.0	254.0	178.0	204.0	180.0	275.0	985.0	985.0	985.0	985.0	921.0	734.0	450.0	346.0	372.0	176.0	94.0	84.0	79.0	60.0	62.0	**398.4**	985.0
	34.0	19.0	7.0	13.0	16.0	18.0	29.0	94.0	66.0	122.0	128.0	122.0	112.0	87.0	114.0	89.0	69.0	122.0	99.0	78.0	111.0	75.0	84.0	68.0	74.0	128.0
	28	28	28	28	28	28	28	28	28	28	27	27	27	28	28	28	28	28	28	28	28	28	28	28	669	100%
	48.3	54.8	67.6	65.6	46.9	54.3	68.1	88.8	79.5	140.8	166.2	135.5	119.6	121.9	123.6	95.3	71.1	79.7	59.7	67.9	52.4	69.6	77.9	79.3		
	183.0	242.0	404.0	593.0	254.0	230.0	588.0	344.0	275.0	985.0	985.0	985.0	985.0	921.0	734.0	478.0	346.0	372.0	320.0	281.0	183.0	266.0	360.0	407.0		



Number of 24HR Exceedences	6 Proposed Guideline		
Number of Non-Zero Readings	666		
Maximum 1-HR Average	985.0 UG/M3		
Maximum 24-HR Average	398.4 UG/M3		
IZS Calibration Time		Opperational Time	672 HRS
Down Time	0	Opperational Uptime	100.0 %
Standard Deviation	121.2	Monthly Average	84.5 UG/M3

Berm $PM_{2.5}$ (µg/m^3) – February 2025

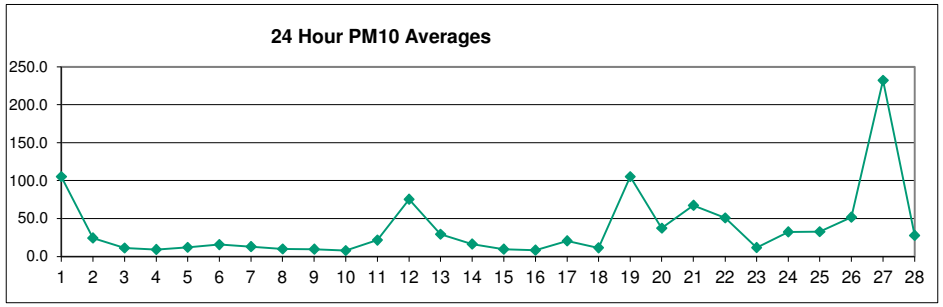
DAY	HOUR																								
	10.0	8.8	8.1	8.9	8.7	12.1	179.5	112.8	24.4	361.0	209.7	118.1	45.1	238.3	132.1	128.8	31.1	5.1	18.5	8.9	7.3	5.6	26.8	12.4	71.8	361.0
	36.7	8.7	9.0	18.7	19.8	17.0	84.9	24.2	9.1	6.9	16.3	18.3	11.7	11.5	8.9	7.9	8.0	8.9	10.4	6.2	5.2	5.5	4.1	3.4	15.1	84.9
	3.2	4.0	4.8	6.4	7.0	4.3	3.3	6.0	7.4	3.2	3.4	6.5	5.3	6.3	5.6	5.1	5.8	11.4	10.4	5.3	3.4	8.1	3.8	11.7	5.9	11.7
	14.4	17.6	8.8	18.8	18.4	9.5	4.7	7.7	12.8	7.0	7.8	5.5	3.1	2.5	1.5	1.5	1.1	3.1	2.9	1.2	4.8	3.5	2.0	1.2	6.7	18.8
	1.3	3.9	3.6	2.3	2.0	3.9	6.2	4.2	8.3	4.3	5.7	8.2	12.4	12.6	6.1	4.3	4.6	6.8	9.5	28.7	23.4	10.5	12.6	5.0	7.9	28.7
	10.9	12.4	20.9	6.4	3.2	3.2	2.8	2.4	2.2	2.4	3.3	3.9	12.2	7.4	14.6	7.1	2.2	4.4	4.8	13.0	11.3	9.4	5.9	3.7	7.1	20.9
	2.8	1.8	1.2	1.7	2.2	3.8	1.6	2.1	1.7	3.9	13.1	14.5	11.6	5.0	10.3	6.2	6.3	5.7	3.9	1.5	3.5	2.2	1.4	1.4	4.6	14.5
	1.6	1.9	1.7	1.5	1.6	2.0	1.2	0.8	0.6	1.9	2.5	5.4	1.5	0.9	5.3	17.7	14.4	12.2	11.7	3.0	1.3	0.6	0.7	6.9	4.1	17.7
	2.0	2.3	1.8	2.1	5.3	10.2	6.0	5.6	12.0	6.3	5.1	3.7	2.2	2.3	2.8	2.0	6.9	9.5	22.1	11.9	7.1	5.5	5.9	1.9	5.9	22.1
	6.5	4.1	2.6	2.2	3.7	3.7	3.2	5.3	6.9	8.9	5.8	4.0	2.9	2.7	3.8	4.3	2.3	1.5	1.7	1.9	3.3	2.9	2.8	2.5	3.7	8.9
	3.2	3.0	2.5	2.0	1.3	1.7	3.0	6.0	8.7	5.1	14.1	19.2	10.2	8.6	17.0	11.3	6.0	6.3	6.6	2.2	2.3	0.9	1.9	3.5	6.1	19.2
	2.4	2.9	2.2	2.6	4.1	2.4	3.3	2.1	2.5	3.2	23.1	29.2	24.6	12.7	23.3	22.7	29.9	8.8	23.6	23.5	31.5	8.8	25.6	31.3	14.4	31.5
	37.5	5.7	6.4	1.8	3.2	1.7	1.9	2.3	1.7	3.1	3.9	11.1	6.7	2.3	3.2	6.9	14.0	42.3	25.3	24.0	23.8	17.9	18.8	28.6	12.3	42.3
	22.2	23.4	21.5	21.2	15.6	22.1	17.8	15.1	14.0	13.0	12.1	12.9	7.8	8.2	7.5	7.7	8.3	5.0	7.5	5.1	5.3	5.3	4.2	5.7	12.0	23.4
	15.9	8.3	7.6	8.8	7.6	7.0	7.3	10.2	9.1	6.3	6.5	10.9	8.6	6.3	4.2	4.5	4.8	5.7	7.5	3.4	4.1	7.9	7.6	12.9	7.6	15.9
	8.3	7.7	4.9	6.9	6.0	4.3	3.7	3.6	5.1	6.3	8.1	7.1	3.8	4.0	4.3	7.3	13.6	11.8	11.1	10.2	10.0	9.3	10.0	9.1	7.4	13.6
	14.1	11.6	12.7	22.7	23.7	21.1	16.8	17.7	32.7	22.5	20.2	18.7	12.4	12.0	9.9	6.5	4.2	4.2	4.8	3.9	13.5	12.9	14.6	8.8	14.3	32.7
	14.6	13.8	11.0	8.2	5.3	5.6	3.7	6.0	5.3	8.0	7.3	7.0	6.4	4.2	4.2	3.9	2.9	2.9	3.1	6.2	12.3	9.3	13.9	9.4	7.3	14.6
	8.9	2.6	3.6	5.7	4.9	5.5	4.5	4.4	5.6	4.2	42.7	58.5	42.7	16.7	14.6	13.4	25.0	30.6	34.6	23.9	31.3	19.5	22.7	17.9	18.5	58.5
	12.1	13.2	10.1	5.2	2.9	2.3	4.3	3.2	1.6	1.7	15.4	11.5	9.8	7.7	11.1	6.6	5.2	6.4	9.6	6.2	5.5	2.9	7.2	7.2	7.0	15.4
	10.5	2.8	5.1	9.4	6.0	3.0	2.6	1.8	6.2	6.9	13.7	19.4	33.3	29.5	33.2	33.9	32.3	3.1	2.0	5.5	5.7	6.4	4.1	5.1	11.7	33.9
	6.1	3.9	13.4	5.7	9.5	8.5	17.0	32.8	14.4	10.1	5.8	9.3	4.3	4.1	9.3	15.0	6.8	5.7	4.6	4.2	2.6	2.9	4.8	2.2	8.5	32.8
	0.8	0.5	0.6	0.4	0.7	2.4	0.4	1.6	0.5	0.4	1.1	1.4	1.5	2.4	1.8	3.8	8.0	5.3	5.8	5.8	5.7	6.9	1.9	1.7	2.5	8.0
	2.6	3.9	2.2	3.0	2.5	2.4	2.5	7.1	5.1	6.2	14.0	29.3	19.9	7.3	14.9	8.0	7.6	3.4	2.7	2.1	0.7	0.7	0.7	0.2	6.2	29.3
	0.2	0.3	0.5	1.4	1.4	0.7	4.1	4.9	4.1	9.9	13.3	13.6	12.6	25.3	9.2	8.8	9.7	2.3	2.8	1.7	4.7	2.2	5.5	10.0	6.2	25.3
	8.2	1.5	2.0	1.6	3.6	0.8	2.1	5.8	5.3	17.3	10.4	13.9	15.6	13.8	30.9	33.2	13.7	4.3	4.9	2.5	3.7	8.6	17.3	17.0	9.9	33.2
	3.8	2.7	5.0	25.4	48.9	20.5	14.3	16.6	11.3	19.6	105.0	113.7	96.8	95.4	76.6	83.9	42.7	29.8	23.6	17.4	9.2	5.6	5.1	4.6	36.6	113.7
	3.2	0.8	1.3	1.1	0.9	0.8	1.9	4.1	7.1	5.6	9.0	15.2	14.0	15.9	9.4	11.2	9.3	2.2	10.8	7.4	8.4	9.6	3.5	5.1	6.6	15.9
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	9.4	6.2	6.3	7.2	7.9	6.5	14.5	11.3	8.1	19.8	21.4	21.1	15.7	20.2	17.0	16.9	11.7	8.9	10.2	8.5	9.0	6.8	8.4	8.2		
	37.5	23.4	21.5	25.4	48.9	22.1	179.5	112.8	32.7	361.0	209.7	118.1	96.8	238.3	132.1	128.8	42.7	42.3	34.6	28.7	31.5	19.5	26.8	31.3		



Number of 24HR Exceedences	2	Proposed Guideline	
Number of Non-Zero Readings	672		
Maximum 1-HR Average	361.0	UG/M3	
Maximum 24-HR Average	71.8	UG/M3	
		Operational Time	672 HRS
Monthly Calibration	0	Operational Uptime	100.0 %
Standard Deviation	24.1	Monthly Average	11.7 UG/M3

Berm PM_{10} ($\mu g/m^3$) – February 2025

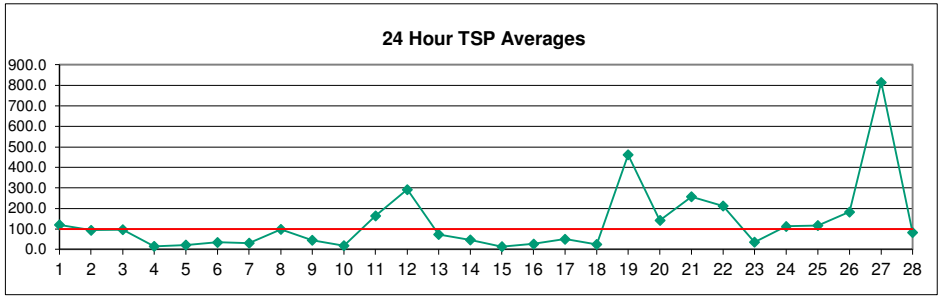
DAY \ HOUR																									
	10.0	8.8	8.1	8.9	8.7	12.1	267.7	167.3	32.4	540.3	313.7	176.7	66.7	356.9	197.7	192.7	46.0	5.1	26.4	12.0	8.5	5.6	39.1	17.2	105.4	540.3
	54.5	12.0	12.3	26.7	28.4	23.9	126.0	34.4	9.1	6.9	21.8	61.9	39.1	26.2	12.4	13.6	15.0	16.0	10.4	6.7	5.2	5.9	6.1	6.0	24.2	126.0
	3.2	4.0	4.8	7.7	7.2	4.3	3.3	7.9	10.0	3.2	6.2	18.8	15.0	18.6	16.0	13.0	13.1	42.0	29.7	5.6	3.4	9.1	3.8	16.7	11.1	42.0
	20.8	25.6	12.1	27.4	26.3	12.6	4.7	9.8	18.3	8.2	9.5	5.7	4.8	4.6	2.2	2.1	1.1	6.9	3.3	1.2	6.7	4.6	2.0	1.2	9.2	27.4
	1.3	4.8	4.5	2.8	2.3	9.1	8.6	4.8	10.5	5.6	7.6	12.1	18.4	16.8	12.2	10.8	9.3	10.5	13.8	43.1	35.1	15.6	18.6	7.3	11.9	43.1
	16.1	18.6	31.2	9.1	12.6	10.8	7.4	4.8	5.2	3.4	5.9	5.9	60.5	27.9	69.0	9.1	3.6	11.0	7.6	19.1	14.9	12.4	7.7	4.4	15.8	69.0
	2.8	1.8	1.2	1.7	2.5	4.5	1.6	2.1	1.7	8.0	49.1	68.1	63.1	9.3	23.8	14.4	12.1	7.9	4.1	2.1	16.2	7.2	2.6	2.5	12.9	68.1
	3.2	4.0	4.5	2.8	3.2	3.1	1.8	0.8	0.6	5.4	5.7	15.9	1.6	1.0	16.8	90.7	22.0	17.8	17.2	3.2	1.3	0.6	0.7	9.8	9.7	90.7
	2.0	2.3	1.8	2.3	7.6	14.7	7.0	7.7	17.2	8.4	6.5	9.7	4.6	4.5	4.9	3.1	23.7	20.8	32.8	17.4	9.8	6.5	7.0	2.0	9.3	32.8
	9.5	5.9	3.2	2.7	5.4	5.2	3.3	5.3	10.0	13.3	15.9	11.6	8.4	8.3	15.5	20.9	7.2	2.7	3.6	3.2	6.2	4.4	5.0	4.5	7.5	20.9
	8.0	7.2	7.1	3.8	1.6	2.9	10.5	29.5	42.8	17.2	76.6	112.7	47.6	40.9	50.1	16.6	8.4	8.6	8.8	2.2	2.3	0.9	2.5	6.7	21.5	112.7
	2.4	2.9	2.2	2.6	8.5	4.0	5.3	3.3	5.1	9.3	148.6	176.4	126.9	64.9	128.3	118.5	161.1	44.3	125.3	125.0	170.0	44.3	151.4	181.3	75.5	181.3
	223.6	27.8	26.5	5.2	8.8	4.2	5.0	6.3	3.7	8.2	13.7	55.3	29.2	5.3	6.5	9.9	17.6	60.1	33.7	30.8	34.1	24.4	23.8	39.8	29.3	223.6
	26.4	29.9	29.3	28.6	17.0	29.7	21.8	18.6	19.3	17.1	13.9	14.4	7.8	17.3	17.9	19.8	12.8	5.7	10.5	5.3	7.2	6.1	4.4	7.2	16.2	29.9
	21.7	9.1	9.6	12.3	9.7	8.3	9.1	14.5	12.3	6.9	8.9	13.9	11.0	7.2	4.5	7.1	6.1	7.8	9.7	3.4	4.1	7.9	7.9	17.3	9.6	21.7
	9.3	8.5	4.9	7.1	6.0	4.3	3.7	3.6	5.1	6.3	9.1	8.3	3.8	4.0	4.3	11.2	28.8	13.3	11.1	10.2	10.0	9.3	10.0	9.1	8.4	28.8
	17.4	11.6	14.1	32.5	34.1	27.5	19.0	22.3	48.8	33.6	49.2	42.1	18.3	14.9	9.9	6.5	4.2	4.5	4.8	3.9	25.9	18.3	20.7	11.8	20.7	49.2
	20.5	19.5	15.0	9.9	5.3	5.6	3.7	6.0	5.3	11.2	10.7	14.3	13.8	6.9	6.4	5.2	2.9	2.9	3.1	6.7	32.4	15.9	21.7	27.6	11.3	32.4
	30.7	4.3	12.8	24.1	17.1	23.5	13.6	15.4	28.4	14.6	231.8	328.1	224.2	97.0	82.0	73.0	138.3	178.8	233.1	161.8	205.0	126.5	151.5	110.6	105.3	328.1
	71.0	78.4	57.7	29.0	11.9	6.6	24.7	14.0	3.5	5.3	88.8	66.1	48.6	38.2	70.2	34.2	27.8	32.3	52.9	29.2	21.6	9.4	36.9	37.6	37.3	88.8
	62.1	11.2	18.6	48.9	30.5	13.8	10.3	4.8	33.0	32.2	77.7	100.8	199.6	176.4	204.2	214.3	225.8	15.9	6.9	25.4	28.3	34.2	20.1	25.5	67.5	225.8
	31.5	21.9	84.2	33.2	55.8	45.1	107.3	228.3	101.6	63.0	32.1	59.5	21.9	19.0	56.2	93.5	32.5	28.2	23.9	19.7	12.3	13.6	24.2	9.8	50.8	228.3
	2.4	1.4	2.0	0.4	0.7	2.4	0.4	1.7	0.5	0.4	2.5	4.6	5.0	11.1	9.4	18.5	47.3	26.1	30.5	30.9	28.9	36.2	7.2	6.6	11.5	47.3
	9.9	19.7	9.2	13.6	12.7	8.4	11.6	34.6	25.2	32.3	68.3	199.2	111.3	40.4	69.0	35.9	38.3	12.2	12.0	7.5	1.6	1.5	1.7	0.5	32.4	199.2
	0.2	0.4	1.1	3.9	4.2	1.7	15.8	22.1	20.0	49.8	76.0	76.4	67.3	145.6	55.4	44.8	47.0	9.0	9.3	6.8	25.3	10.4	30.2	58.1	32.5	145.6
	39.1	7.2	6.7	5.0	18.3	2.7	7.2	26.0	23.0	88.8	50.3	72.0	81.9	67.1	158.1	199.7	77.9	19.9	22.0	9.1	15.4	45.6	99.6	99.5	51.8	199.7
	17.5	11.9	21.5	143.7	292.8	128.1	65.4	96.2	58.5	102.0	624.1	753.0	638.1	659.0	563.6	539.4	280.7	200.7	157.5	94.7	46.7	31.3	24.3	19.4	232.1	753.0
	14.3	2.4	3.9	4.0	2.0	2.1	6.0	14.3	33.2	28.2	33.4	65.9	58.6	59.6	41.3	47.4	48.0	6.1	47.5	33.3	33.5	40.8	14.6	21.1	27.6	65.9
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	26.1	13.0	14.6	17.9	22.9	15.0	27.6	28.8	20.9	40.3	73.5	91.0	71.3	69.6	68.1	66.6	48.5	29.2	34.0	25.7	29.0	19.6	26.6	27.2		
	223.6	78.4	84.2	143.7	292.8	128.1	267.7	228.3	101.6	540.3	624.1	753.0	638.1	659.0	563.6	539.4	280.7	200.7	233.1	161.8	205.0	126.5	151.5	181.3		



Number of Non-Zero Readings	672		
Maximum 1-HR Average	753.0 UG/M3		
Maximum 24-HR Average	232.1 UG/M3		
		Operational Time	672 HRS
Monthly Calibration	0	Operational Uptime	100.0 %
Standard Deviation	78.15	Monthly Average	37.8 UG/M3

Berm TSP (µg/m^3) – February 2025

DAY / HOUR																									
	10.0	8.8	8.1	8.9	8.7	12.1	297.8	184.4	32.4	618.1	361.3	204.0	72.0	414.9	229.8	224.0	53.0	5.1	28.0	12.4	8.5	5.6	44.5	18.4	**119.6**	618.1
	62.4	12.7	12.6	30.0	31.9	25.7	144.8	38.1	9.1	6.9	21.8	615.3	517.5	220.4	55.5	111.5	115.9	133.1	10.4	6.7	5.2	5.9	23.9	38.7	94.0	615.3
	3.2	4.0	4.8	7.7	7.2	4.3	3.3	7.9	10.0	3.2	39.2	237.9	200.7	265.2	228.1	130.8	82.2	623.5	393.8	5.6	3.4	9.1	3.8	17.4	95.7	623.5
	22.7	29.0	12.2	29.8	29.0	12.6	4.7	9.8	19.3	8.2	9.5	5.7	45.1	61.8	12.0	6.6	1.1	12.2	3.3	1.2	7.3	4.6	2.0	1.2	14.6	61.8
	1.3	4.8	4.5	5.0	3.8	128.0	9.5	4.8	10.5	5.6	7.6	13.1	19.1	16.8	27.6	67.9	39.1	11.6	13.8	49.5	40.0	16.8	21.0	7.7	22.1	128.0
	18.3	21.1	34.5	9.2	57.5	51.5	34.9	14.6	31.7	6.9	17.4	8.4	147.8	64.6	125.0	31.5	6.2	74.4	21.3	19.1	14.9	12.4	7.7	4.4	34.8	147.8
	2.8	1.8	1.2	1.7	2.5	4.5	1.6	2.1	1.7	39.7	128.0	191.5	141.8	17.8	39.7	27.0	21.7	12.3	4.1	4.6	53.7	24.8	8.0	9.2	31.0	191.5
	5.2	9.7	18.5	4.1	8.9	3.1	2.8	0.8	0.6	10.2	10.8	45.6	1.6	1.0	235.6	1905.6	45.0	18.6	18.7	3.2	1.3	0.6	0.7	10.5	98.4	1905.6
	2.0	2.3	1.8	2.3	7.6	14.7	7.0	7.7	17.2	8.4	6.5	95.3	54.3	36.6	37.3	17.7	453.6	229.8	36.5	18.9	9.8	6.5	7.0	2.0	45.1	453.6
	10.4	6.1	3.2	2.7	5.9	5.2	3.3	5.3	10.5	23.9	44.1	25.1	24.8	30.8	39.9	72.4	23.1	2.7	6.6	7.0	17.0	14.4	28.8	22.0	18.1	72.4
	46.9	47.7	46.4	37.2	2.3	6.0	28.5	76.2	131.4	155.8	632.3	917.0	449.2	602.4	689.5	18.0	8.4	8.6	8.8	2.2	2.3	0.9	2.5	11.6	**163.9**	917.0
	2.4	2.9	2.2	2.6	82.4	15.8	20.6	28.1	38.6	77.3	723.3	675.3	475.1	225.3	519.1	473.9	656.3	174.0	437.8	465.2	589.1	165.4	518.3	644.0	**292.3**	723.3
	801.1	105.8	101.1	19.6	13.7	11.7	11.2	18.5	9.8	22.6	48.0	184.8	69.8	10.1	10.1	39.2	28.1	60.3	33.7	30.8	36.1	24.4	23.8	41.2	73.1	801.1
	26.4	29.9	30.4	29.3	17.0	29.8	21.8	18.6	19.3	17.1	13.9	14.4	7.8	168.0	328.9	270.3	27.2	5.7	10.5	5.3	7.2	6.1	4.4	7.2	46.5	328.9
	22.7	9.1	9.6	12.3	9.7	8.3	9.1	14.8	12.3	6.9	9.9	13.9	27.2	8.5	4.5	14.0	11.5	22.5	52.0	3.4	4.1	7.9	7.9	17.3	13.3	52.0
	9.3	8.5	4.9	7.1	6.0	4.3	3.7	3.6	5.1	6.3	9.1	8.6	3.8	4.0	4.3	80.4	396.9	13.3	11.1	10.2	10.0	9.3	10.0	9.1	26.6	396.9
	17.4	11.6	14.1	33.7	34.7	27.5	19.0	22.3	55.7	38.5	342.7	212.1	23.8	17.3	9.9	6.5	4.2	6.7	4.8	3.9	259.2	19.6	22.1	12.0	50.8	342.7
	21.8	21.1	15.0	9.9	5.3	5.6	3.7	6.0	5.3	11.2	12.2	17.1	19.4	12.4	9.8	9.4	2.9	2.9	3.1	6.7	40.7	22.3	21.7	307.0	24.7	307.0
	760.9	42.0	106.7	175.9	95.5	154.4	84.2	66.1	110.9	57.6	889.2	1312.7	827.5	383.7	312.0	267.6	523.5	715.6	983.5	671.1	886.6	538.8	662.1	461.8	**462.1**	1312.7
	344.6	328.4	252.0	135.4	48.4	26.3	99.4	62.2	12.3	15.3	322.1	211.2	126.0	112.8	272.7	130.3	77.2	138.2	200.4	109.4	64.7	26.5	128.3	149.3	**141.4**	344.6
	225.9	39.0	49.8	183.8	115.1	47.3	34.2	13.8	109.1	105.7	299.6	354.2	730.6	665.4	799.9	882.1	941.7	69.1	16.0	98.4	99.8	120.7	91.3	101.3	**258.1**	941.7
	134.4	95.3	344.2	135.8	235.5	188.3	448.2	968.9	475.8	257.4	111.7	240.6	77.3	77.0	229.6	395.6	144.5	122.6	92.2	77.2	60.1	50.6	87.5	38.6	**212.0**	968.9
	6.2	5.1	2.7	0.4	0.7	2.4	0.4	1.7	0.5	0.4	4.1	10.7	12.1	42.4	36.6	64.1	132.1	74.1	81.6	114.4	102.1	137.3	23.7	20.3	36.5	137.3
	26.4	63.8	30.8	51.2	51.5	34.0	43.2	124.5	77.7	108.0	222.5	729.8	409.4	146.1	230.5	112.0	142.7	32.4	35.3	24.0	4.0	3.5	5.1	1.0	**112.9**	729.8
	0.2	0.4	1.1	15.9	17.3	2.2	68.2	70.8	65.7	143.6	269.1	291.6	242.8	587.8	220.1	151.3	163.2	41.0	24.8	27.4	89.5	34.9	109.5	190.9	**117.9**	587.8
	112.8	22.3	16.3	11.8	76.9	6.0	23.7	78.5	56.2	308.0	176.5	205.0	242.7	218.2	524.2	716.8	310.6	78.5	82.4	33.4	54.5	171.2	421.4	433.5	**182.6**	716.8
	62.9	51.6	70.4	517.2	1132.4	514.0	228.3	360.1	188.2	371.3	1907.6	2271.6	2271.4	2132.7	2141.4	1860.9	1160.8	860.3	617.9	387.9	178.2	120.4	77.7	64.5	**814.6**	2271.6
	38.4	6.0	5.5	9.7	4.6	6.5	11.9	43.6	101.8	100.6	104.1	190.5	176.9	182.3	130.9	142.9	169.1	14.4	134.5	106.4	93.1	117.2	43.9	59.7	83.1	190.5
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672	100%
	100.0	35.4	43.0	53.2	75.4	48.3	59.6	80.5	57.8	90.5	240.9	332.3	264.9	240.2	268.0	293.9	205.1	127.3	120.2	82.3	97.9	59.9	86.0	96.5		
	801.1	328.4	344.2	517.2	1132.4	514.0	448.2	968.9	475.8	618.1	1907.6	2271.6	2271.4	2132.7	2141.4	1905.6	1160.8	860.3	983.5	671.1	886.6	538.8	662.1	644.0		



Number of 24HR Exceedences	11	Proposed Guideline	
Number of Non-Zero Readings	672		
Maximum 1-HR Average	2271.6	UG/M3	
Maximum 24-HR Average	814.6	UG/M3	
IZS Calibration Time		Operational Time	672 HRS
Monthly Calibration	0	Operational Uptime	100.0 %
Standard Deviation	278.7	Monthly Average	131.6 UG/M3