AMRIZE CANADA INC.

AMBIENT AIR QUALITY MONTHLY REPORT

JUNE 2025

JULY 31, 2025

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JUNE 2025

AMRIZE CANADA INC.

PROJECT NO.: CA0049359.3401
DATE: JULY 31, 2025

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July 31, 2025

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

Attention: Nikolaos Veriotes P. Eng.

Dear Mr. Veriotes,

Subject: Ambient Air Quality Monthly Report – June 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 June 2025.

Lagoon	Data Completeness (%)	1-Hour Average	24-hour Average
		Exceedances of AAAQO or AAAQG	Exceedances of AAAQO
TSP	100.0%	-	7
$PM_{2.5}$	100.0%	9	1
PM_{10}	100.0%	-	-
NO	100.0%	-	-
NO_2	100.0%	0	-
NO_x	100.0%	-	-
SO_2	100.0%	0	0
Temperature	100.0%	-	-
Wind Speed / Direction	100.0%	-	-
Pressure	100.0%	-	-
Relative Humidity	100.0%	-	-
Precipitation	100.0%	-	-

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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 June 2025.

Windridge	Data Completeness (%)	1-Hour Average	24-hour Average	
		Exceedances of AAAQG	Exceedances of $PM_{2.5}$ AAAQO	Exceedances of TSP AAAQO
TSP	98.6%	-	-	6
$PM_{2.5}$	98.8%	6	1	-
PM_{10}	98.6%	-	-	-

The GRIMM monitors are considered Industrial Ambient Monitors and are meant for assessing the performance of Amrize 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 June 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%	0	1	5
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

Jul 31, 2025

Tuonan Li, M.Sc.
Air Quality Specialist
Vancouver Region, Environment

Date

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

Jul 31, 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 Amrize Canada Inc. (Amrize) and are a requirement of Amrize's Approval 1702-02-04. This report contains data collected between June 1, 2025 and June 30, 2025.

This monthly report was prepared by Tuonan Li, Air Quality Specialist with WSP, on behalf of Amrize and was reviewed by Tyler Abel, Senior Air Quality Specialist at WSP.

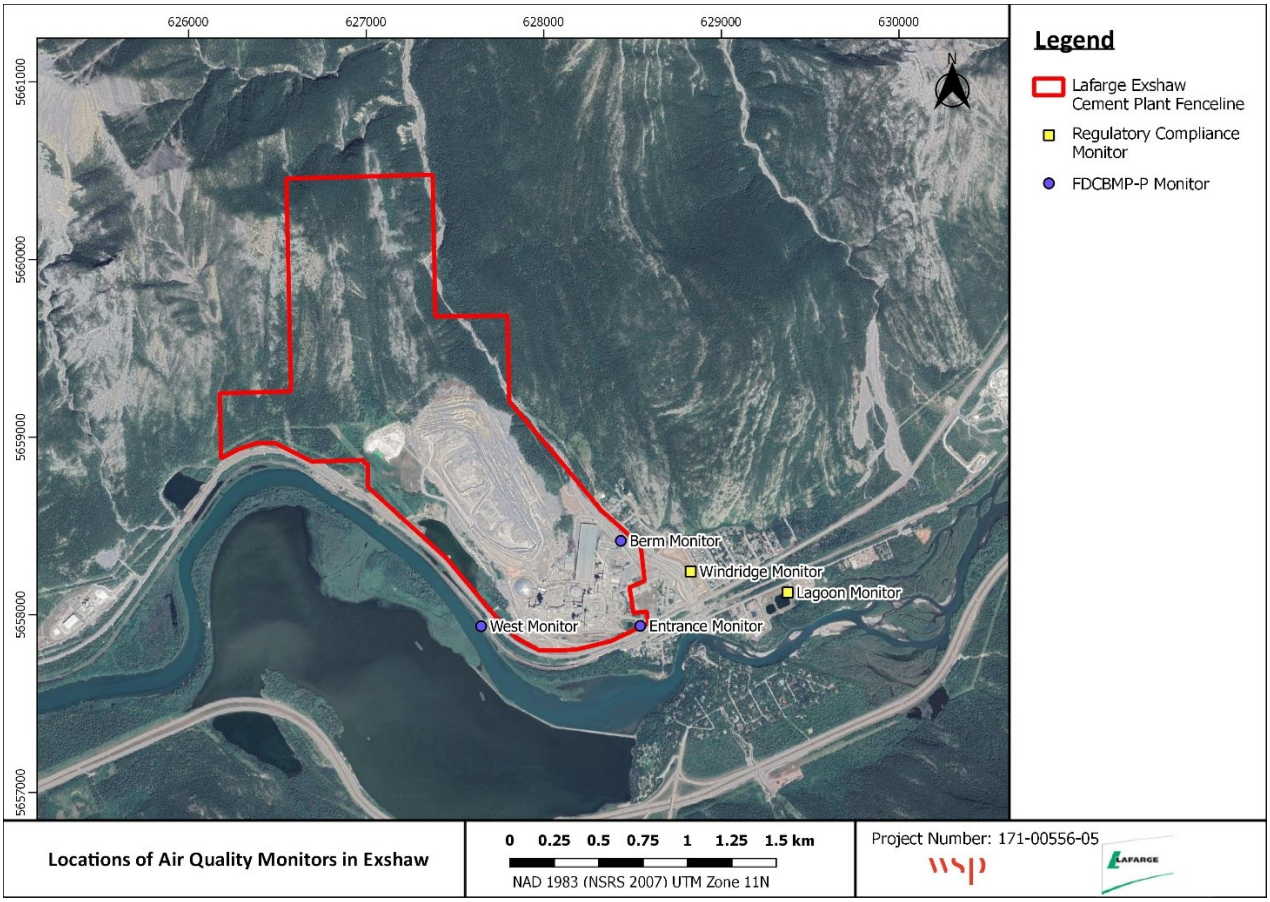

Figure 1-1 Locations of Air Quality Monitors in Exshaw

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. The flood mitigation work has left an exposed creek bed area (see Figure below) that is a potential source of fugitive dust between Amrize's eastern fenceline and the Windridge station.

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

1.2 WILDFIRE IMPACT ON BOW VALLEY AIRSHED

During the month of June regional wildfire activity, including smoke impacts from the prairies, had an impact on air quality in the Bow Valley airshed. Wildfires produce a large amount of suspended particulate matter which can affect air quality and result in AAAQO and AAAQG exceedances. Some of the TSP and $PM_{2.5}$ exceedances during the month of June can be attributed to smoke from a regional wildfire, and not specific industrial operations from Amrize Exshaw.

2 JUNE 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	29.1	0	10.7	-
SO_2 (ppb)	100.0	16.2	0	4.4	0
$PM_{2.5}$ (µg/m³)	100.0	137.2	9[1]	58.2	1
PM_{10} (µg/m³)	100.0	484.3	-	159.8	-
TSP (µg/m³)	100.0	1006.0	-	321.7	7
Temperature (°C)	100.0	28.5	-	22.3	-
Wind Speed (km/hr) /Direction (Degrees)	100.0	29.0/W	-	22.4/WSW	-
Precipitation (mm)	100.0	7.75[2]	-	106[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 was 1 exceedance of the 24-hour $PM_{2.5}$ AAAQO due to wildfire smoke in the airshed.
- There were 9 exceedances of the 1-hour $PM_{2.5}$ AAAQG due to wildfire smoke in the airshed.
- There were 7 days exceeding the 24-hour TSP AAAQO.

Calibration/Maintenance Notes:

- At the Lagoon station, all meteorological analyzers recorded 100% uptime during the month of June.
- The SO_2 and NO_2 analyzers recorded 100% uptime during the month of June.
- The TSP, PM_{10}, $PM_{2.5}$ analyzers recorded 100% uptime during the month of June.

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)	98.8	106.0	6*	57.7	1
PM_{10} (µg/m^3)	98.6	485.0	-	178.8	-
TSP (µg/m^3)	98.6	706.0	-	323.0	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 was 1 exceedance of the 24-hour $PM_{2.5}$ AAAQO due to wildfire smoke in the airshed.
- There were 6 exceedances of the 1-hour $PM_{2.5}$ AAAQG due to wildfire smoke in the airshed.
- There were 6 days exceeding the 24-hour TSP AAAQO.

Calibration/Maintenance Notes:

- At the Windridge station, the $PM_{2.5}$ analyzer recorded 98.8% uptime for the month of June due to 8 hours of equipment malfunction occurring on June 2nd at 18:00 and 21:00, June 11th at 22:00 and 23:00, June 20th at 7:00 and 9:00, June 24th at 18:00, and June 30th at 2:00. Further, 1 hour of non-routine maintenance occurring on June 26th at 10:00 due to the calibration of another PM analyzers, which inadvertently flagged the entire channel.
- The PM_{10} and TSP analyzers recorded 98.6% uptime for the month of June due to 8 hours of equipment malfunction occurring on June 2nd at 18:00 and 21:00, June 11th at 22:00 and 23:00, June 20th at 7:00 and 9:00, June 24th at 18:00, and June 30th at 2:00. Further, 2 hours of non-routine maintenance occurring on June 8th at 12:00 and 12:00 due to a cable issue encountered during the planned calibration.

2.3 WEST GRIMM

The GRIMM monitors are Industrial Ambient Monitors meant to aid Amrize 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 for the month of June.

2.4 BERM GRIMM

The GRIMM monitors are Industrial Ambient Monitors meant to aid Amrize 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	56.2	0*	32.8	1
PM_{10} (µg/m^3)	100.0	309.5	-	133.0	-
TSP (µg/m^3)	100.0	821.5	-	380.3	5

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

Data Quality Notes:

- There was 1 exceedance of the 24-hour $PM_{2.5}$ Guidelines due to wildfire smoke in the airshed.
- There were no exceedance of the 1-hour $PM_{2.5}$ Guidelines.
- There were 5 exceedances of the 24-hour TSP Guidelines.

Calibration/Maintenance Notes:

- The analyzer had 100% uptime for the month of June.

2.5 ENTRANCE GRIMM

The GRIMM monitors are Industrial Ambient Monitors meant to aid Amrize 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.

Calibration/Maintenance Notes:

- The analyzer had 0% uptime for the month of June.

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 (Figure 3-9) and tables and graphs illustrating the monitoring results for June 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 June 6th. The monitor had 100% uptime for the month of June.
PM_{10} Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The PM_{10} monitor was calibrated on June 6th. The monitor had 100% uptime for the month of June.
TSP Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The TSP monitor was calibrated on June 6th. The monitor had 100% uptime for the month of June.
Oxides of Nitrogen	TEI 42C	The NO_x monitor was calibrated on June 6th. The monitor had 100% uptime for the month of June.
Sulphur Dioxide	Teledyne API 102A	The SO_2 monitor was calibrated on June 6th. The monitor had 100% uptime for the month of June.
Precipitation	MetOne 130 Rain/Snow Gauge	The monitor had 100% uptime for the month of June.
Wind Speed	MetOne Wind Sensor	The monitor had 100% uptime for the month of June.
Wind Direction		
Ambient Temperature	MetOne Ambient Temperature Sensor	The monitor had 100% uptime for the month of June.

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 June 2025. 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 June 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 $PM_{2.5}$ AAAQO (29µg/m^3) and 9 exceedances 1-hour $PM_{2.5}$ AAAQG (80 µg/m^3). Furthermore, there were 6 exceedances of the 24-hour TSP AAAQO (100 µg/m^3). The $PM_{2.5}$ exceedances are directly attributable to, and the TSP exceedances are partially attributable to, wildfire smoke during the month.

Historically in June, the average number of 24-hour TSP AAAQO exceedances and 24-hour $PM_{2.5}$ AAAQO exceedances are 1 and 0 respectively. Previously, the maximum number of 24-hour TSP AAAQO exceedances recorded in June were 4 days in 2013.

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 Amrize 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 June 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	-	0.6	6.4	29.1	10	1	7.2	61.2	10.7	9	100.0
SO_2 (ppb)	172	48	Lagoon	0	0	0.0	1.2	16.2	9	12	19.8	249.8	4.4	9	100.0
$PM_{2.5}$ ($\mu g/m^3$)	80	29	Lagoon	9	1	0.0	9.9	137.2	6	11	24.5	222.7	58.2	11	100.0
PM_{10} ($\mu g/m^3$)	-	-	Lagoon	-	-	0.0	34.8	484.3	6	10	23.2	222.9	159.8	6	100.0
TSP ($\mu g/m^3$)	-	100	Lagoon	-	7	3.2	65.9	1006.0	6	11	24.5	222.7	321.7	6	100.0
Temperature (°C)	-	-	Lagoon	-	-	2.3	14.4	28.5	9	16	23.5	226.8	22.3	9	100.0
Wind Speed (km/hr)/Direction (degrees)	-	-	Lagoon	-	-	0.5	12.1	29.0/W	6	19	29.0	213.5	22.4/WSW	6	100.0
Precipitation (mm)	-	-	Lagoon	-	-	0.0	0.1	7.8[1]	21	7	9.2	245.5	106.0[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 Amrize)
Lagoon						
2025-06-05	126.0	-	234.6	13.3	34.1	
2025-06-06	321.7	-	214.7	22.4	28.7	High wind event & Regional wildfire activities
2025-06-09	258.1	-	237.4	13.5	24.6	
2025-06-10	117.0	-	55.2	11.6	35.7	
2025-06-11	173.3	58.2	63.8	11.4	47.4	Regional wildfire activities
2025-06-17	110.6	-	71.6	10.0	45.0	
2025-06-18	102.3	-	218.7	10.3	51.4	
Total # of Exceedances	**7**	**1**				
Maximum # of Exceedances (June)	**4 (2013)**	**0 (2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)**				
Average # of Exceedances (June)	**1**	**0**				
Minimum # of Exceedances (June)	**0 (2011, 2012, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022)**	**0 (2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)**				

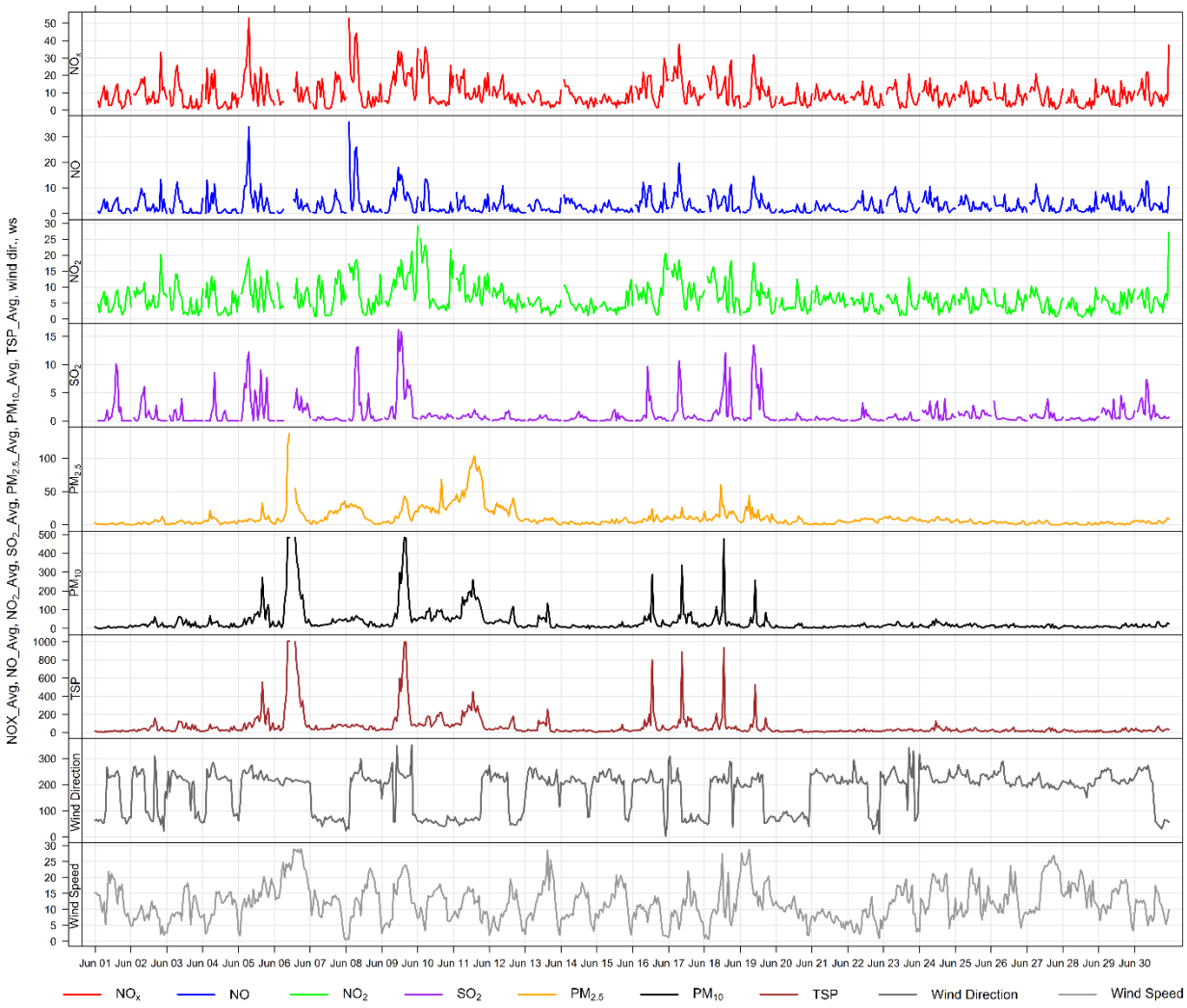

Figure 3-2 **1-hour concentrations of NO_x, SO_2, particulate matter, wind direction and wind speed at the Lagoon station**

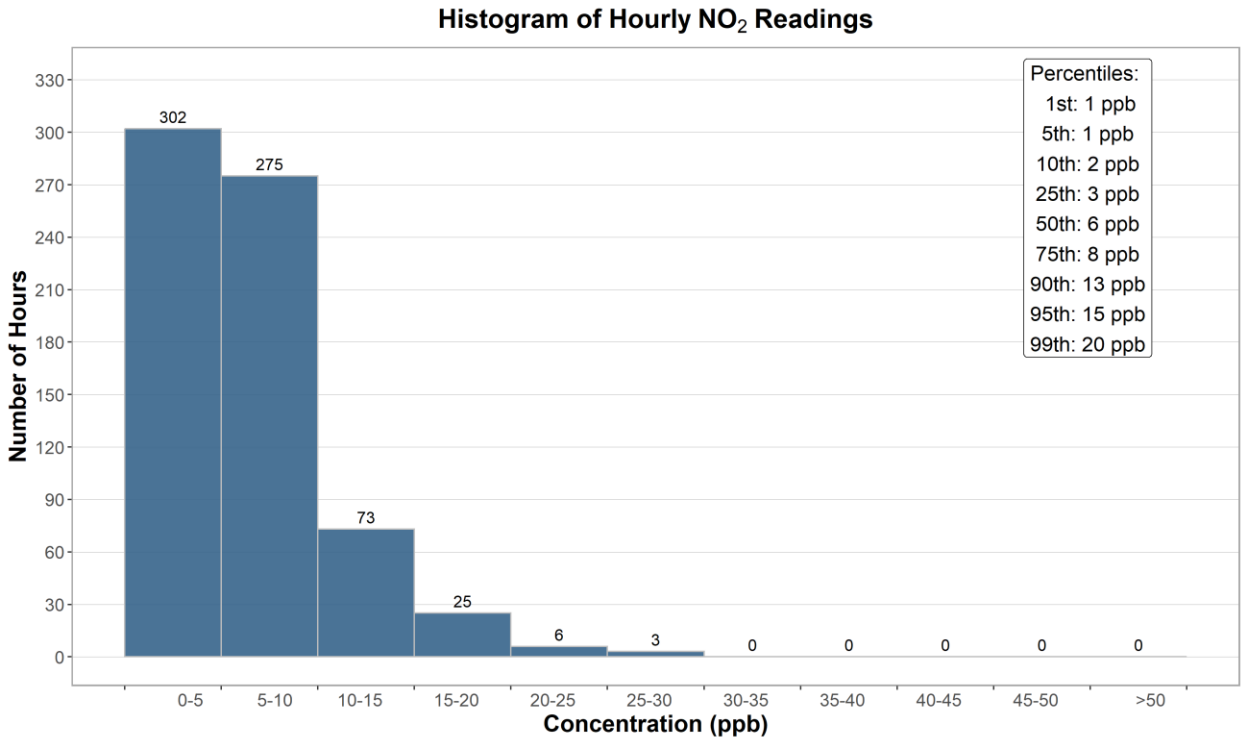

Figure 3-3 **Histogram of hourly NO_2 concentrations at the Lagoon station**

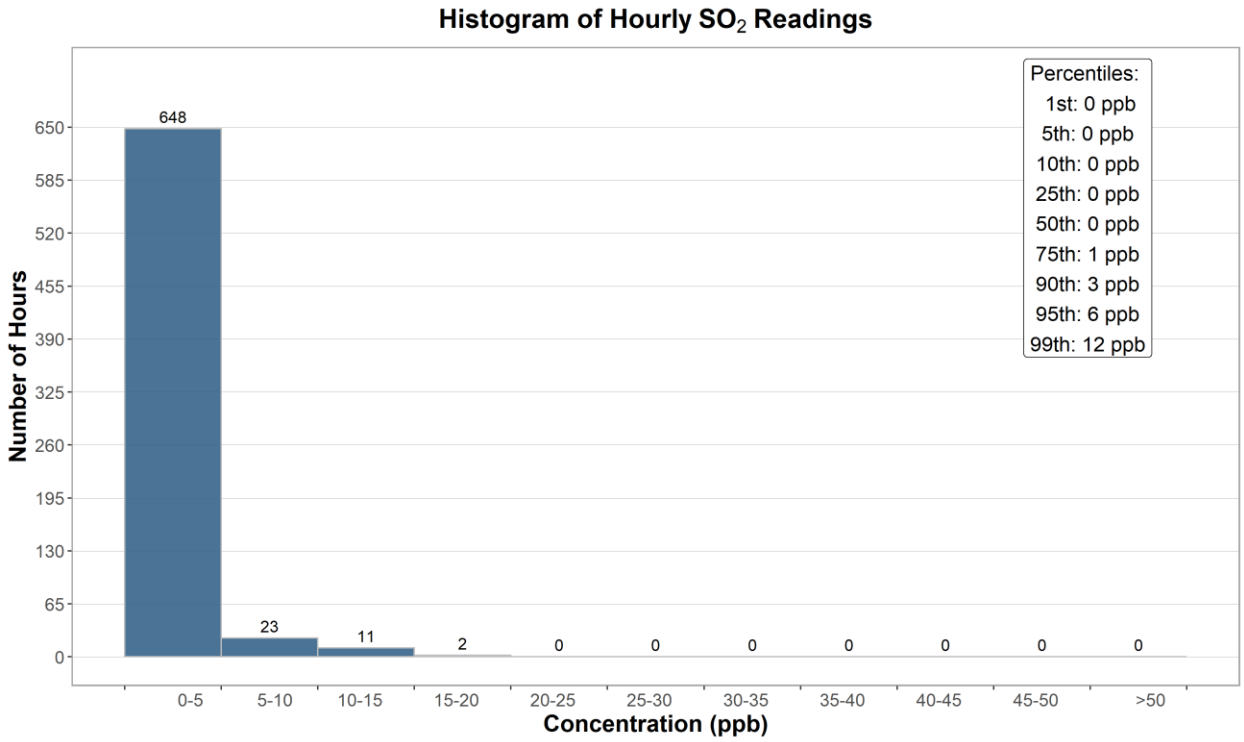

Figure 3-4 **Histogram of hourly SO_2 concentrations at the Lagoon station**

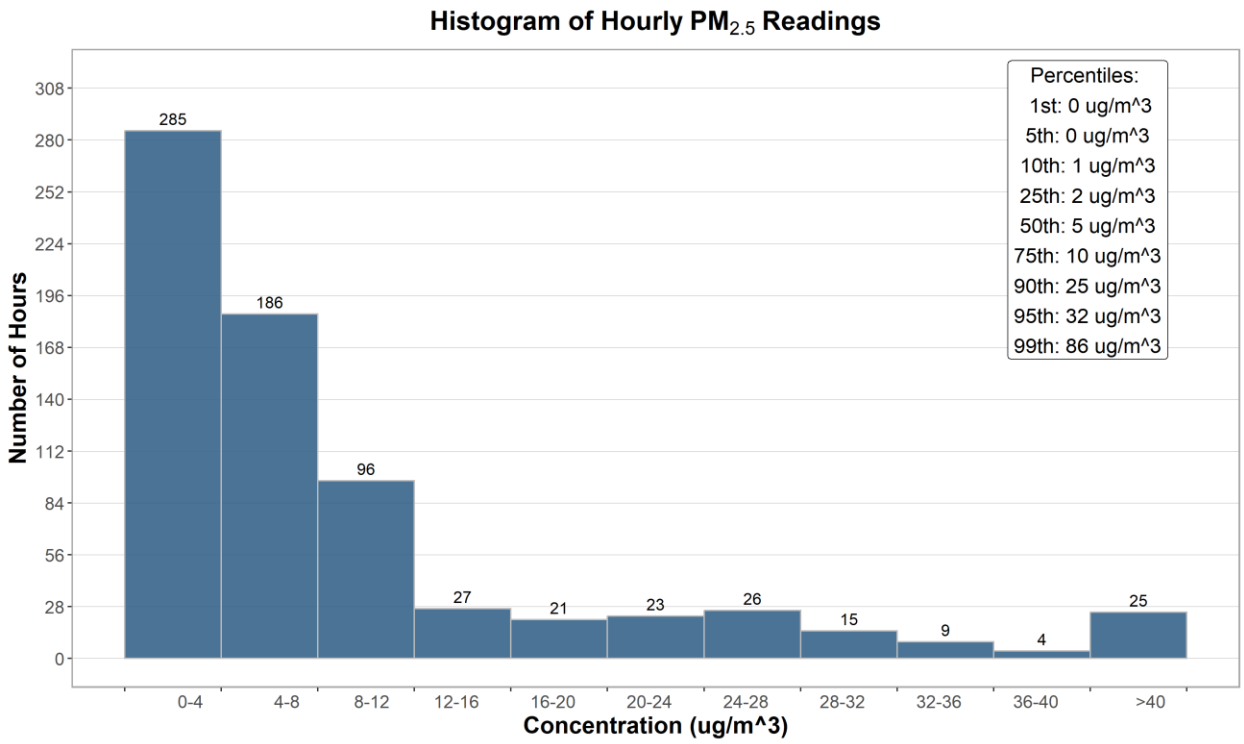

Figure 3-5 **Histogram of hourly $PM_{2.5}$ concentrations at the Lagoon station**

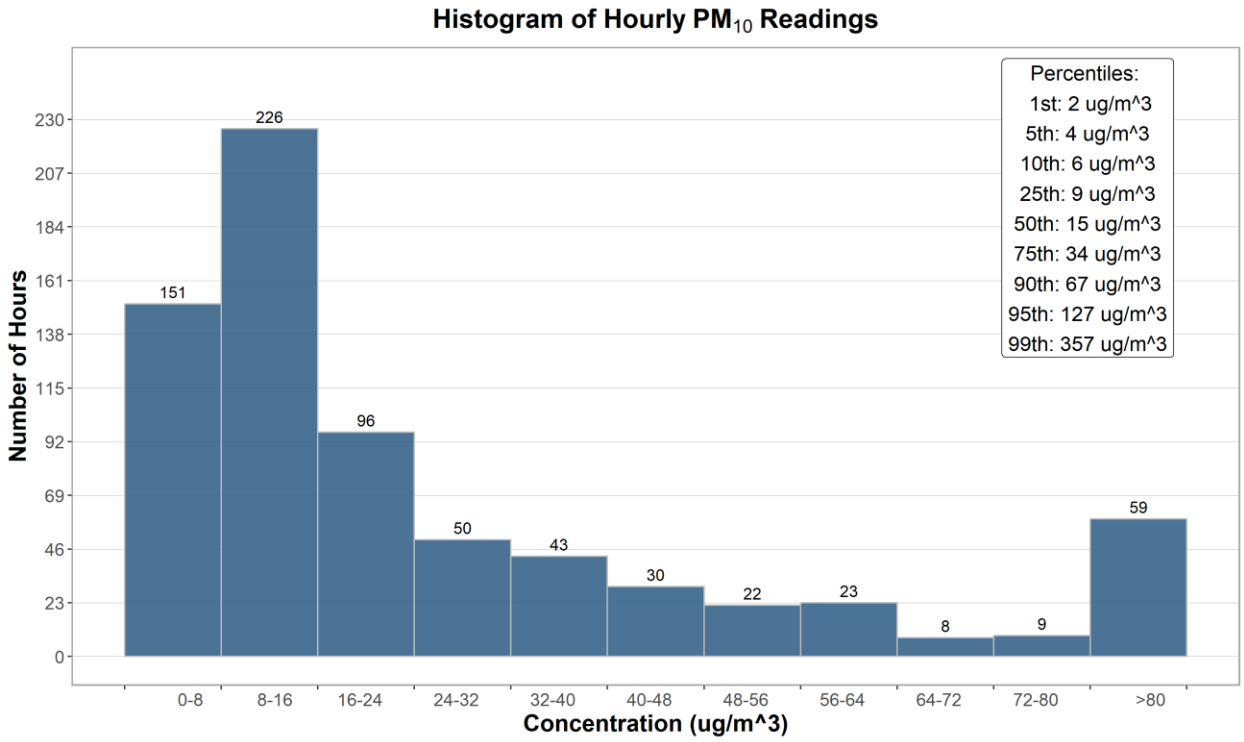

Figure 3-6 **Histogram of hourly PM_{10} concentrations at the Lagoon station**

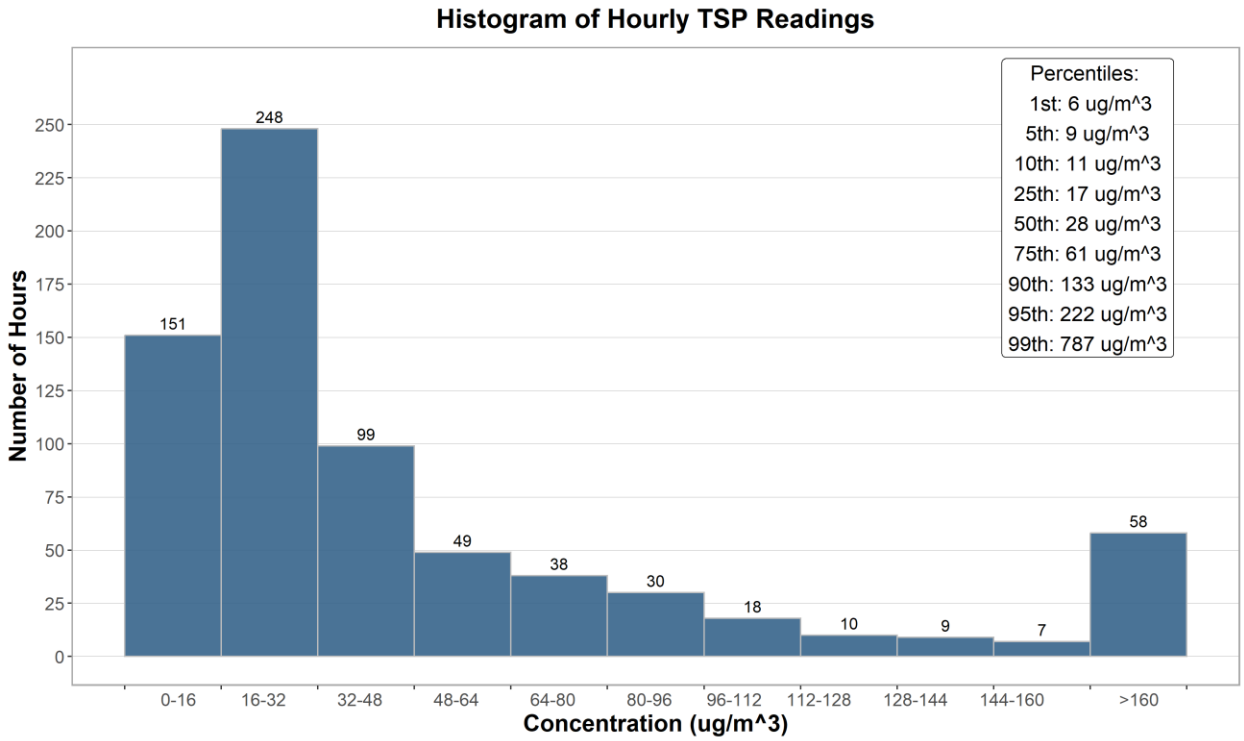

Figure 3-7 Histogram of hourly TSP concentrations at the Lagoon station

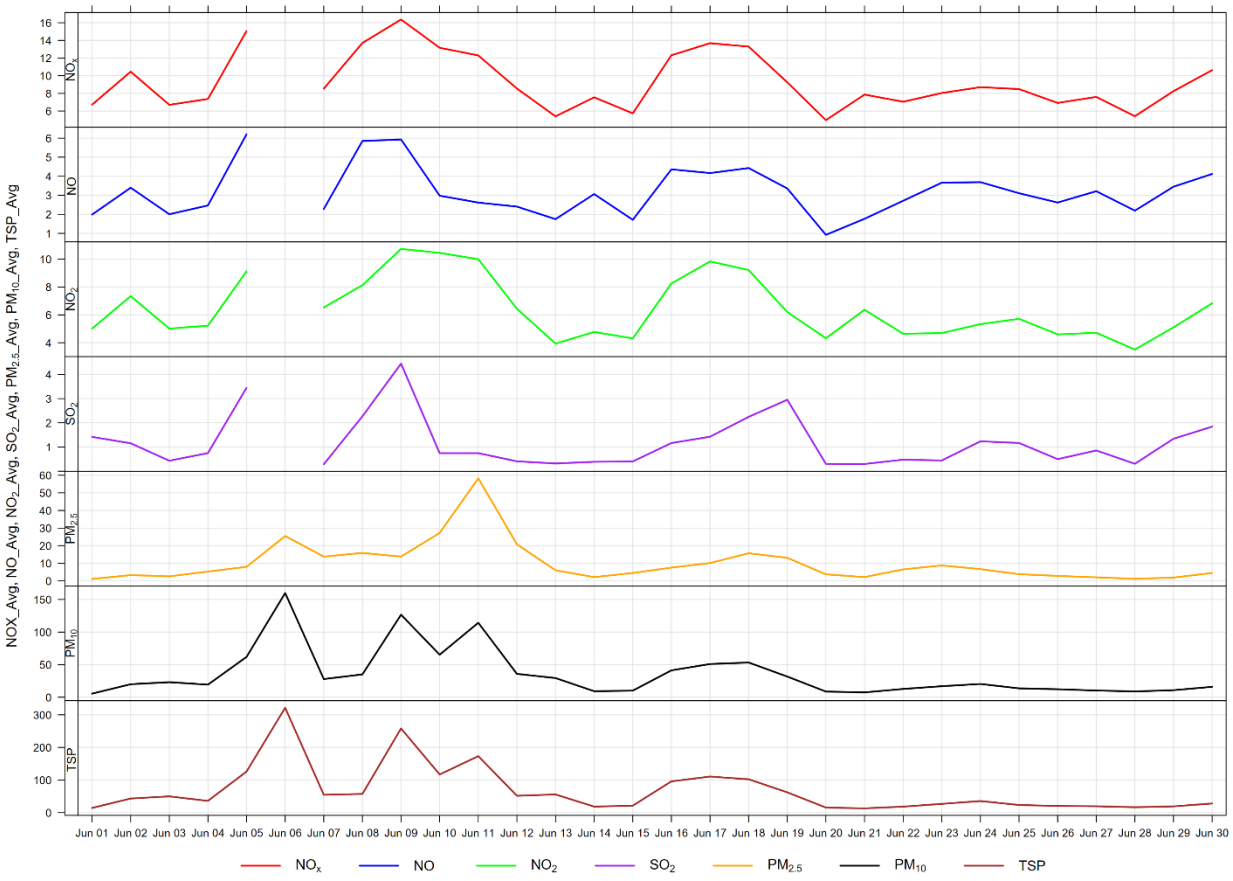

Figure 3-8 24-hour concentrations of NO_x, SO_2, and particulate matter at the Lagoon monitor

Figure 3-9 shows the wind rose for the 7 days of TSP exceedance. The wind rose shows that the winds predominately came from the southwest and east-northeast, suggesting impacts of windblown dust from Amrize Facility and other sources, likely related to wildfire impacts. Figure 3-10 shows the wind rose for 1 day of $PM_{2.5}$ exceedance. The variation in wind conditions producing exceedances shows that, this month, the $PM_{2.5}$ exceedance were influenced by wildfire smoke.

Figure 3-11 through Figure 3-13 show the variation in concentrations over various time averaging periods for PM, SO_2 and NO_x. The particulate matter plot in Figure 3-11 typically shows that PM_{10} and TSP concentrations have a diurnal pattern associated with Amrize 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.

Figure 3-12 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 3-13 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.

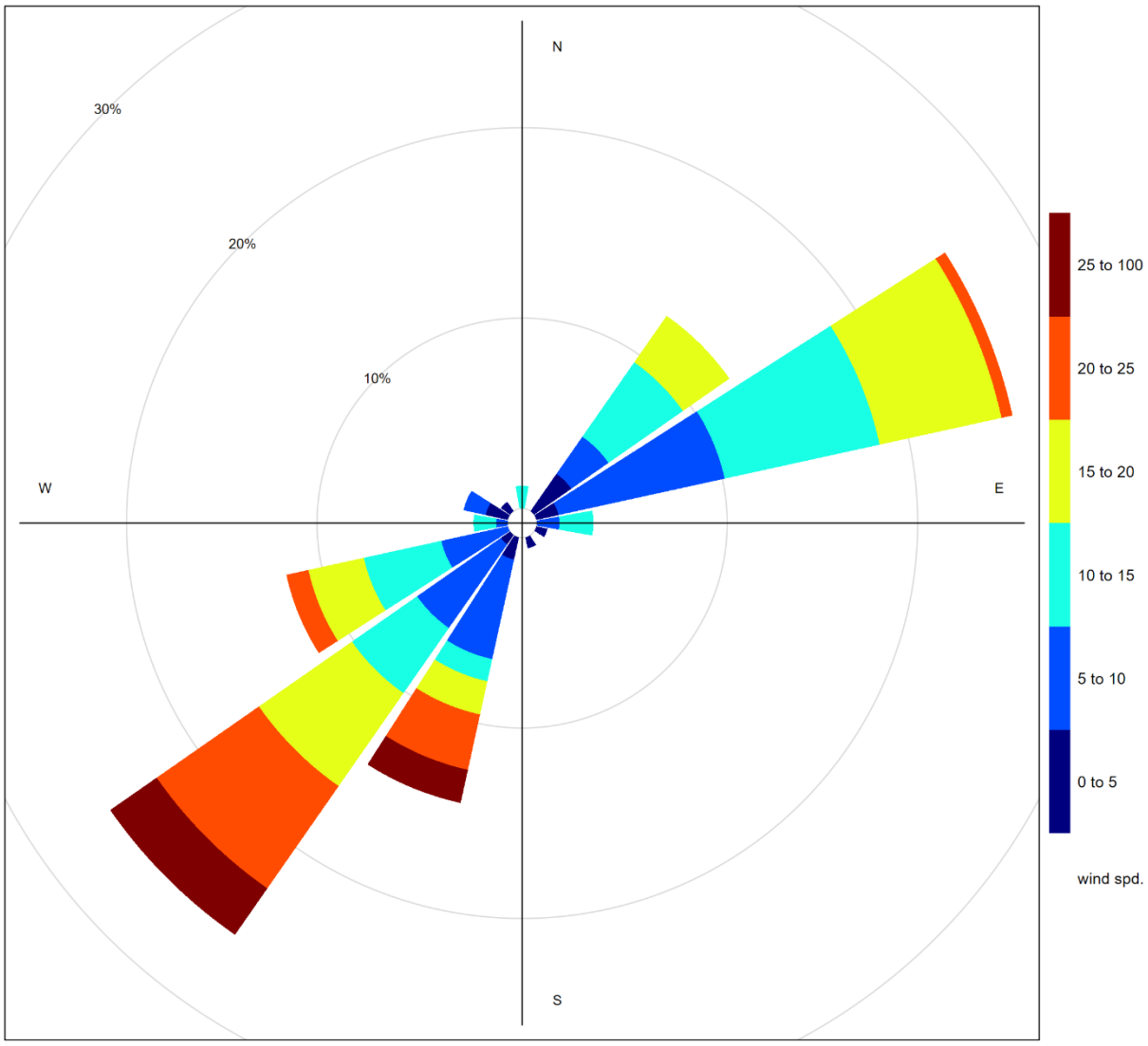

Figure 3-9 Wind rose for TSP exceedance days recorded at the Lagoon Station

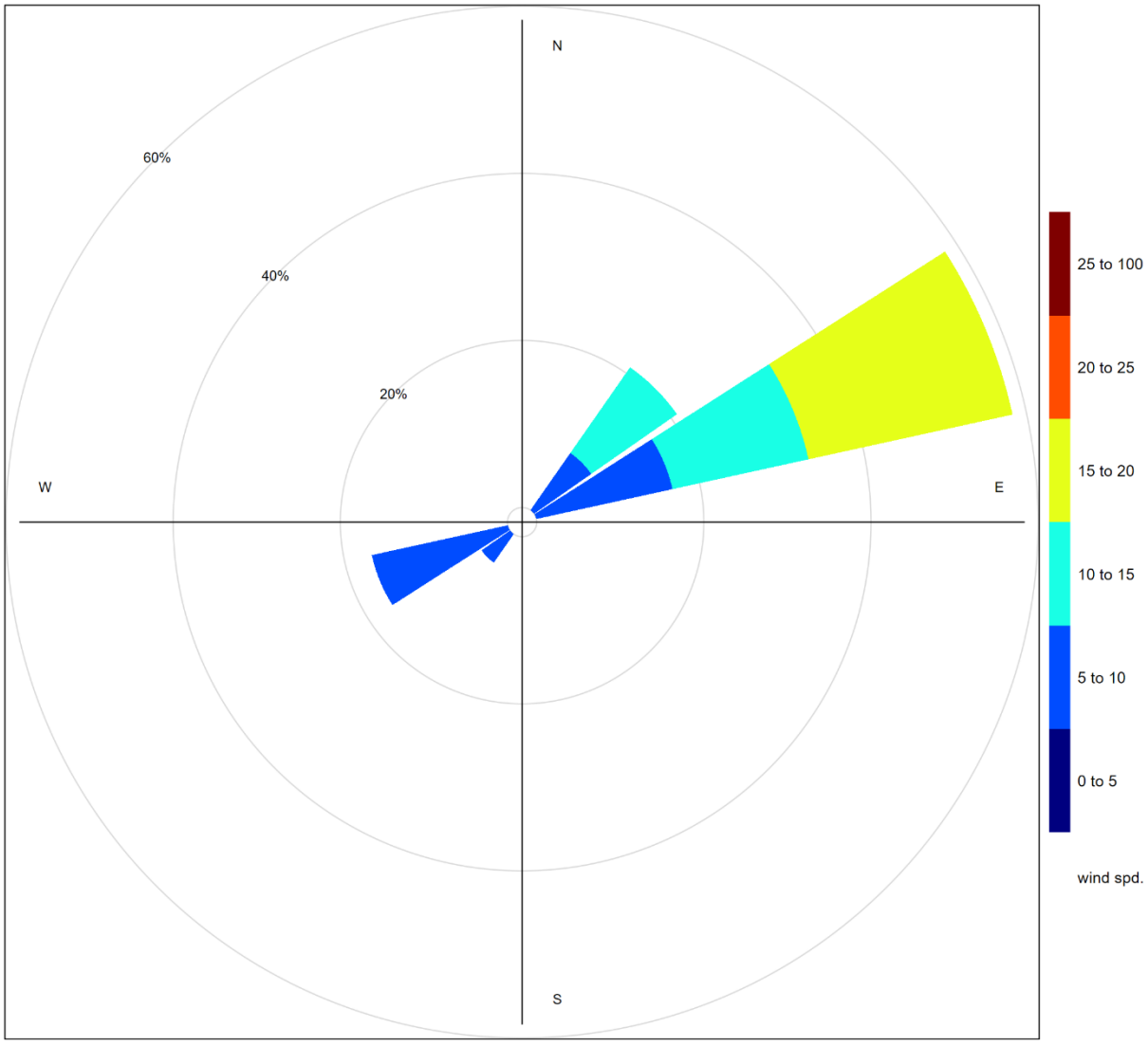

Figure 3-10 Wind rose for $PM_{2.5}$ exceedance days recorded at the Lagoon Station

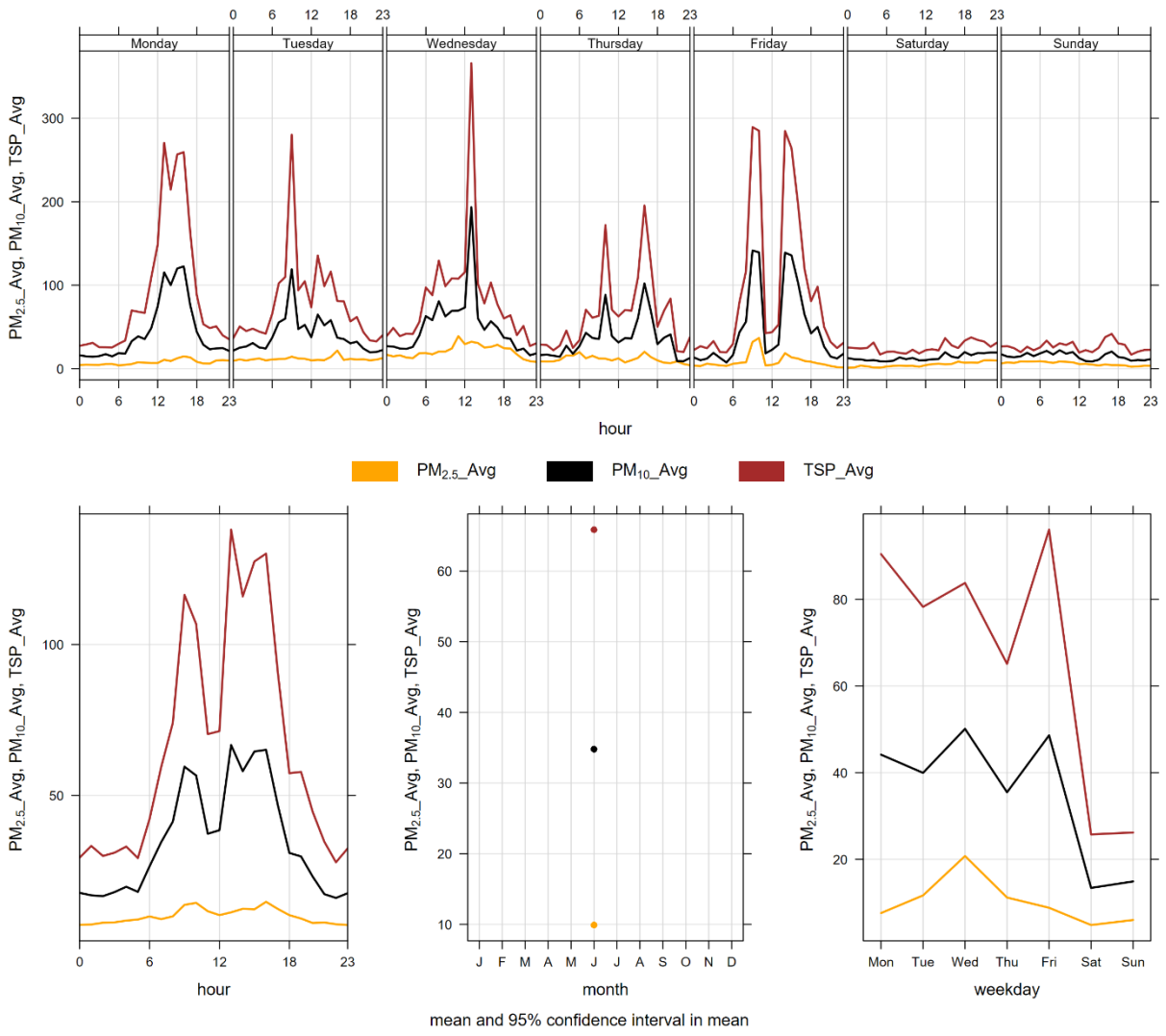

Figure 3-11 Lagoon monitor particulate matter time variation

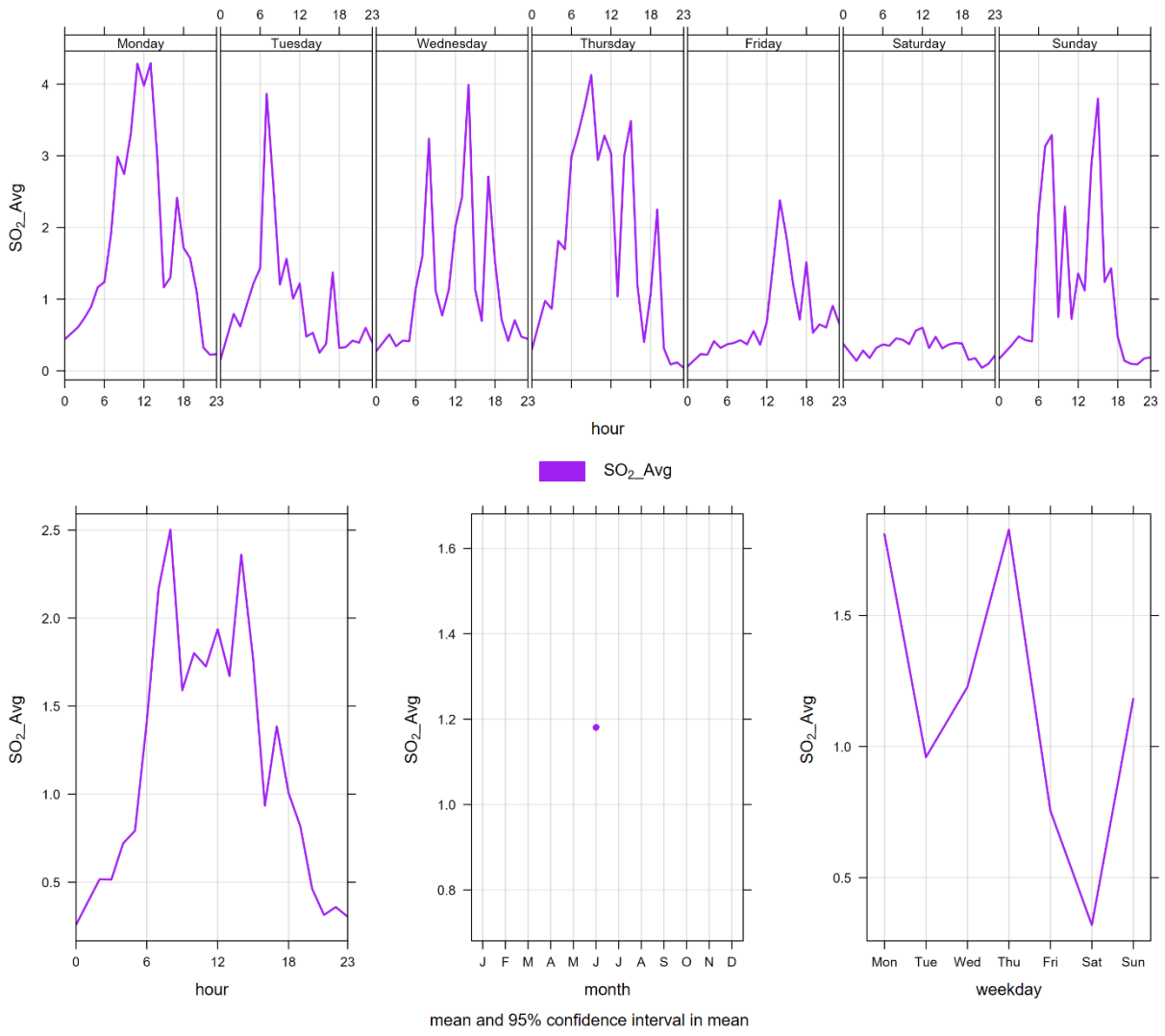

Figure 3-12 Lagoon monitor SO_2 time variation

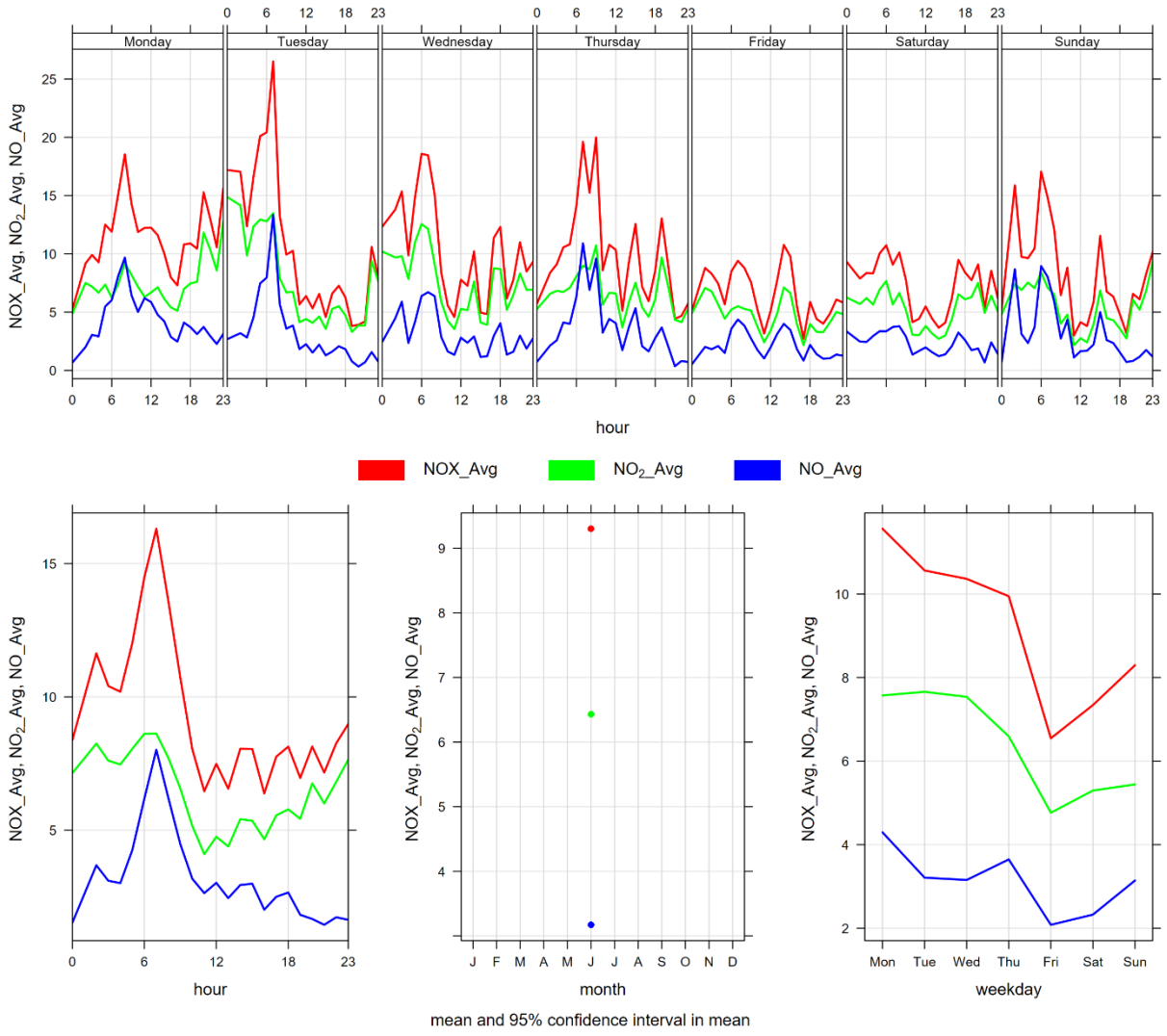

Figure 3-13 Lagoon monitor NO_x time variation

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 June 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 June 4th. The monitor recorded 98.8% uptime for the month of June due to 8 hours of equipment malfunction occurring on June 2nd at 18:00 and 21:00, June 11th at 22:00 and 23:00, June 20th at 7:00 and 9:00, June 24th at 18:00, and June 30th at 2:00. Further, 1 hour of non-routine maintenance occurring on June 26th at 10:00 due to the calibration of another PM analyzers, which inadvertently flagged the entire channel.
PM_{10} Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The PM_{10} monitor calibrated on June 26th. The monitor recorded 98.6% uptime for the month of June due to 8 hours of equipment malfunction occurring on June 2nd at 18:00 and 21:00, June 11th at 22:00 and 23:00, June 20th at 7:00 and 9:00, June 24th at 18:00, and June 30th at 2:00. Further, 2 hours of non-routine maintenance occurring on June 8th at 12:00 and 12:00 due to a cable issue encountered during the planned calibration.
TSP Concentrations	MetOne BAM-1020 Continuous Particulate Monitor	The TSP monitor was calibrated on June 26th. The monitor recorded 98.6% uptime for the month of June due to 8 hours of equipment malfunction occurring on June 2nd at 18:00 and 21:00, June 11th at 22:00 and 23:00, June 20th at 7:00 and 9:00, June 24th at 18:00, and June 30th at 2:00. Further, 2 hours of non-routine maintenance occurring on June 8th at 12:00 and 12:00 due

		to a cable issue encountered during the planned calibration.

4.2 MONITORING RESULTS AND TRENDS

Table 4-2 summarizes the hourly and daily concentrations recorded in June 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 while Figure 4-7 displays the wind rose for the 24-hour $PM_{2.5}$ exceedance days, and Figure 4-8 illustrates the time series for hourly PM over different time periods.

There was 1 exceedance of the 24-hour $PM_{2.5}$ AAAQO (29µg/m^3), 6 exceedances of the 1-hour $PM_{2.5}$ AAAQG (80 µg/m^3), and 6 exceedances of the 24-hour TSP AAAQO (100 µg/m^3). The $PM_{2.5}$ exceedances are directly attributable to, and the TSP exceedances are partially attributable to, wildfire smoke during the month.

Historically in June, the average number of 24-hour TSP AAAQO exceedances and 24-hour $PM_{2.5}$ AAAQO exceedances is 4 and 0, respectively. The maximum number of 24-hour TSP AAAQO exceedances recorded in June were 8 days in 2024.

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

Table 4-2 Summary of June 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	6	1	0.0	8.2	106.0	11	13	15.6	69.0	57.7	11	98.8
PM_{10} ($\mu g/m^3$)	-	-	Windridge	-	-	0.0	39.5	485.0	18	13	27.4	209.1	178.8	6	98.6
TSP ($\mu g/m^3$)	-	100	Windridge	-	6	0.0	61.8	706.0	18	13	27.4	209.1	323.0	6	98.6

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 Amrize)
Windridge						
2025-06-05	136.6	-	234.6	13.3	34.1	
2025-06-06	323.0	-	214.7	22.4	28.7	High wind event & Regional wildfire activities
2025-06-08	136.4	-	225.9	12.9	35.8	
2025-06-09	143.4	-	237.4	13.5	24.6	
2025-06-11	113.5	57.7	63.8	11.4	47.4	Regional wildfire activities
2025-06-18	112.9	-	218.7	10.3	51.4	
Total # of Exceedances	**6**	**1**				
Maximum # of Exceedances (June)	**8 (2024)**	**0 (2018, 2021, 2022, 2023, 2024)**				
Average # of Exceedances (June)	**4**	**0**				
Minimum # of Exceedances (June)	**1 (2023)**	**0 (2018, 2021, 2022, 2023, 2024)**				

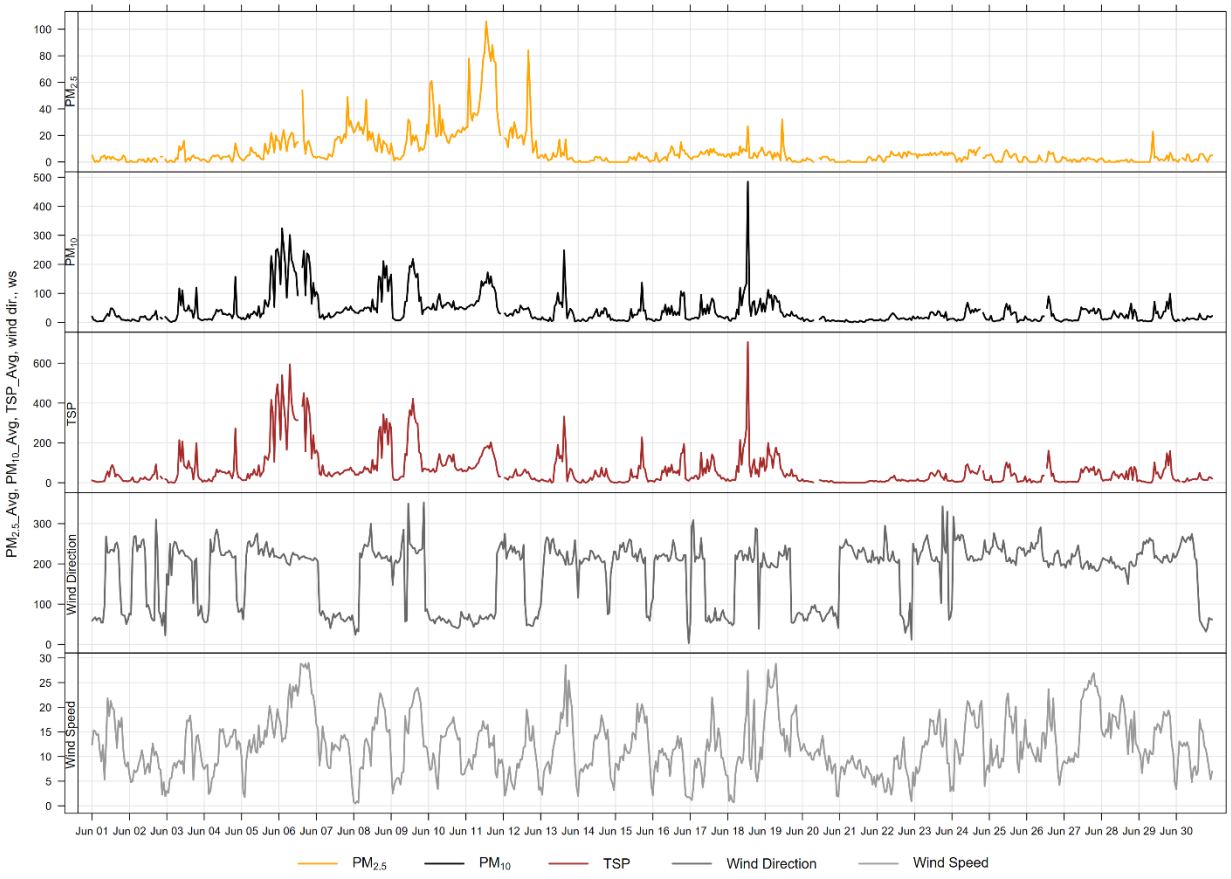

Figure 4-1 1-hour particulate matter concentrations recorded at the Windridge monitor

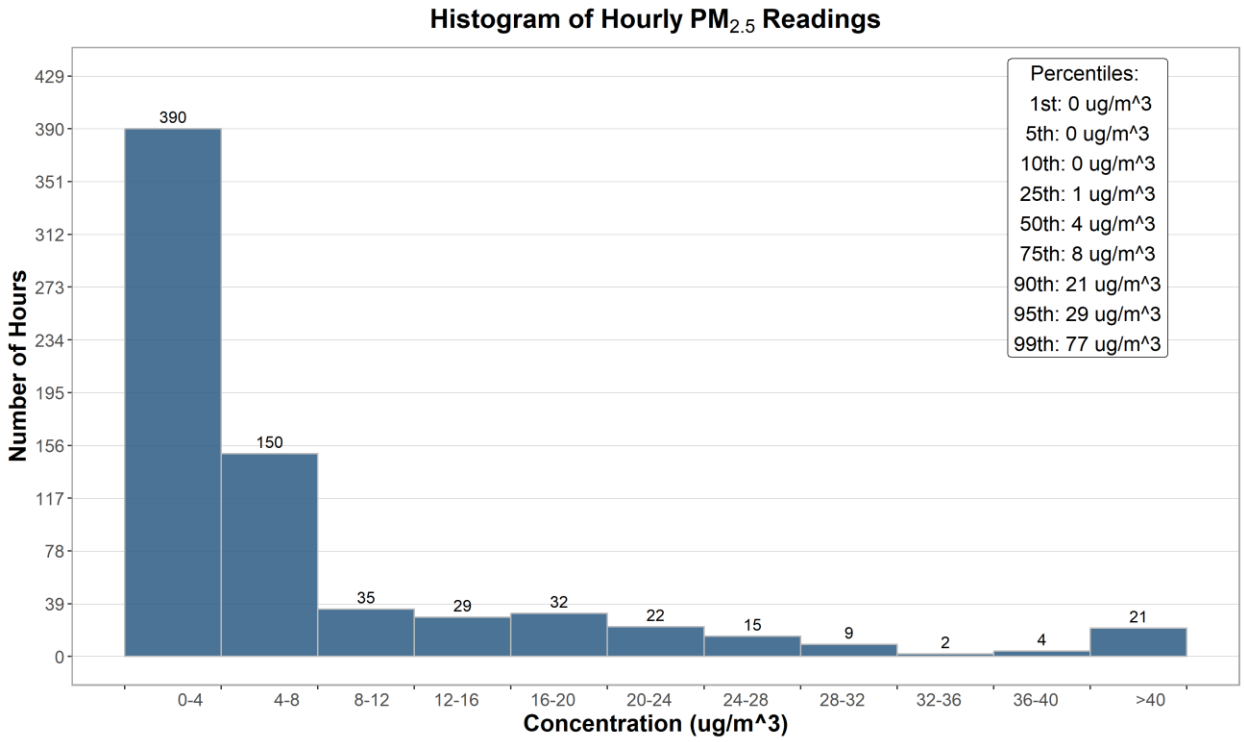

Figure 4-2 **Histogram of hourly $PM_{2.5}$ concentrations at the Windridge station**

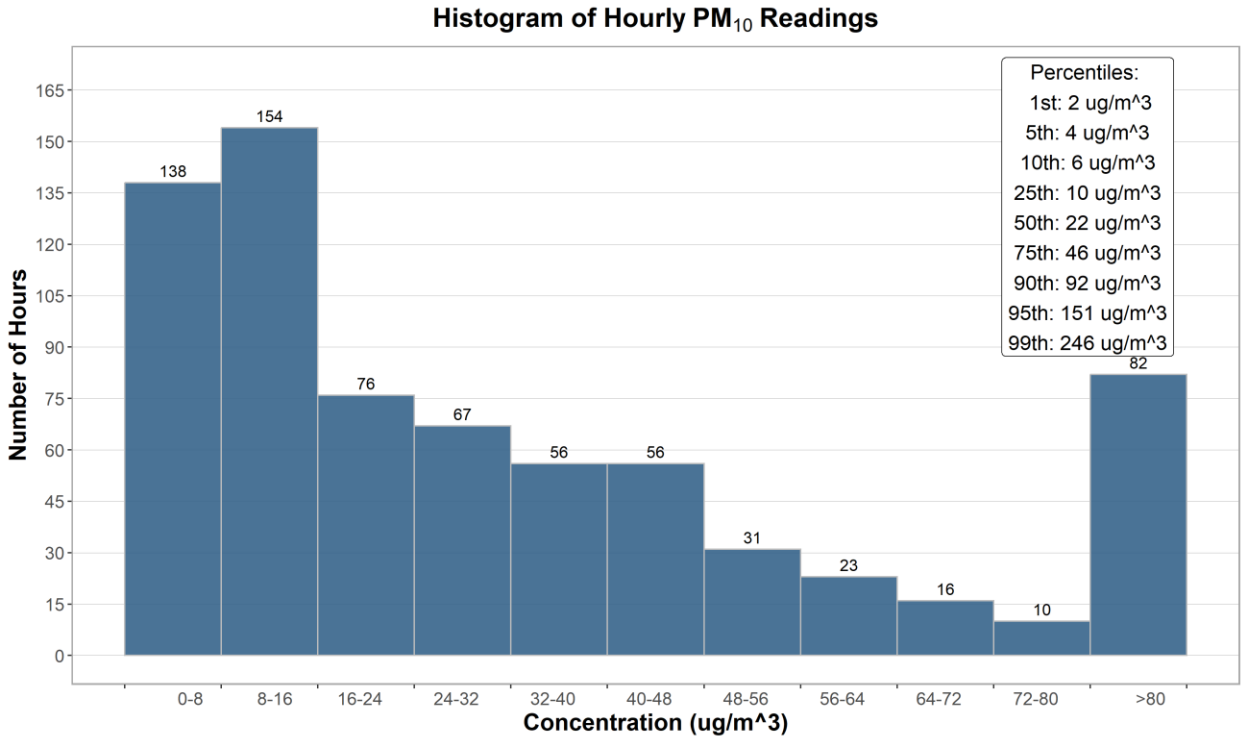

Figure 4-3 **Histogram of hourly PM_{10} concentrations at the Windridge station**

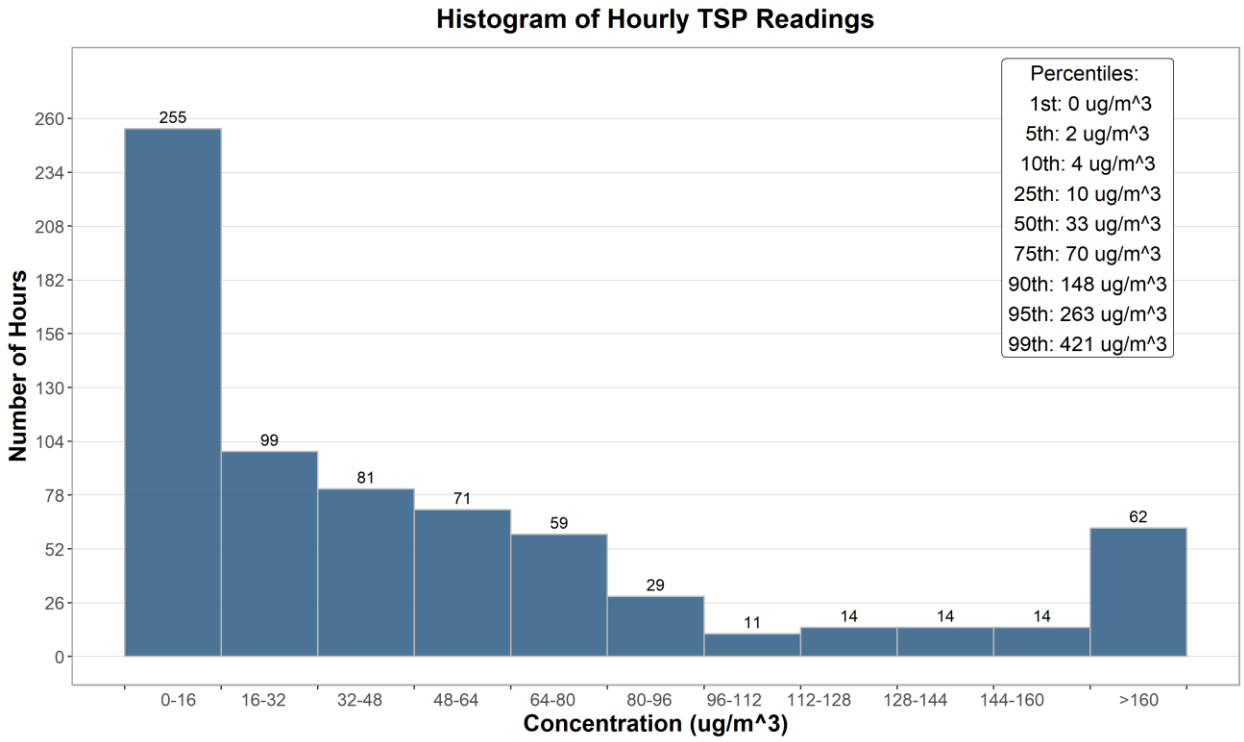

Figure 4-4 Histogram of hourly TSP concentrations at the Windridge station

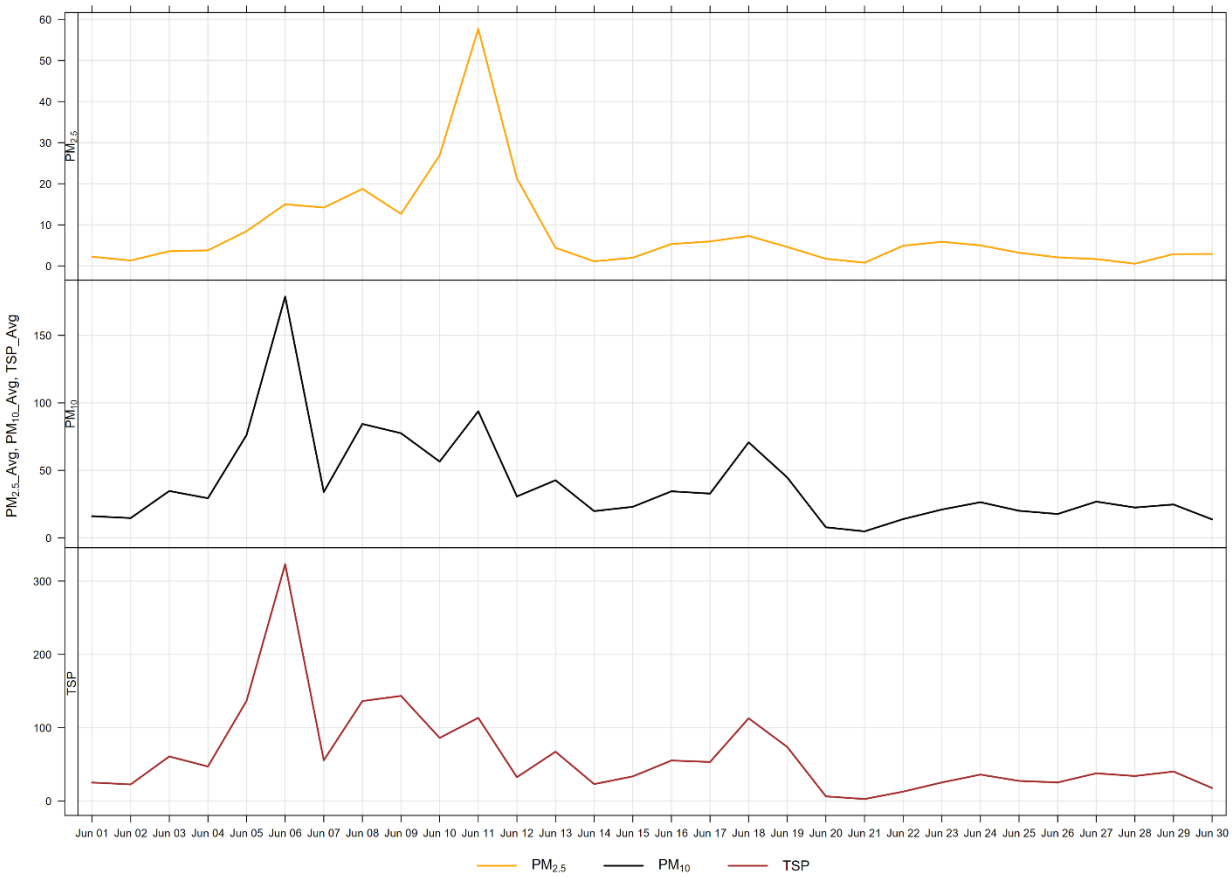

Figure 4-5 24-hour particulate matter concentrations at the Windridge monitor

Figure 4-6 shows the wind rose for the 6 days of TSP exceedance in June. The wind rose shows that the winds predominately came from the west-southwest, suggesting impacts of windblown dust from the direction of the Amrize Facility. Figure 4-7 shows the wind rose for the 1 day of $PM_{2.5}$ exceedance in June. The variation in wind conditions producing exceedances shows that, this month, the $PM_{2.5}$ exceedance was influenced by wildfire smoke.

Figure 4-8 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 4-8 is based on data collected during June 2025. Similar to the Lagoon station, the data shows a diurnal pattern associated with Amrize operations, daytime emissions from traffic. The diurnal patterns also follow the diurnal pattern of higher wind speeds during the daytime hours.

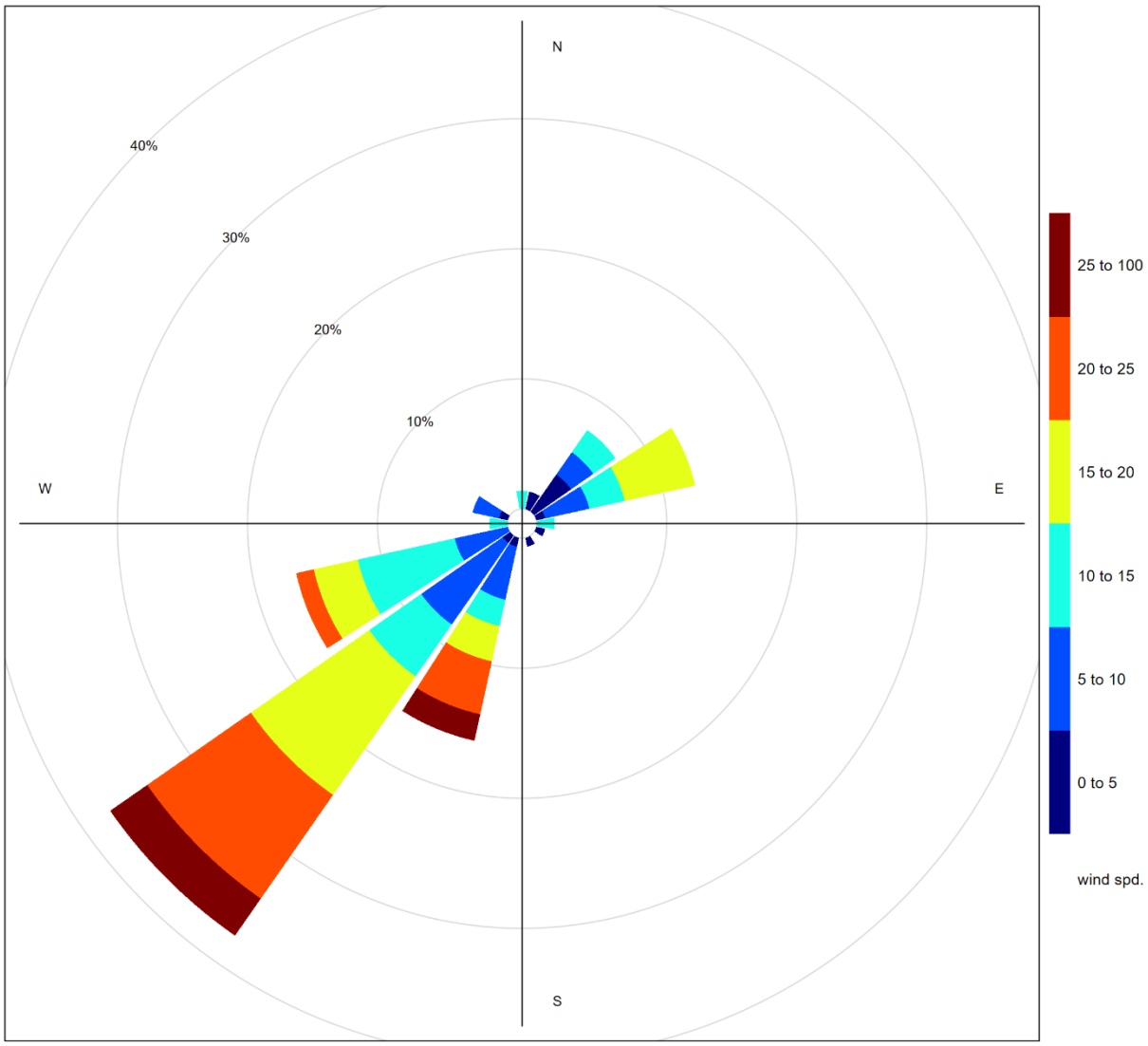

Figure 4-6 Wind rose for TSP exceedance days recorded at the Windridge Station

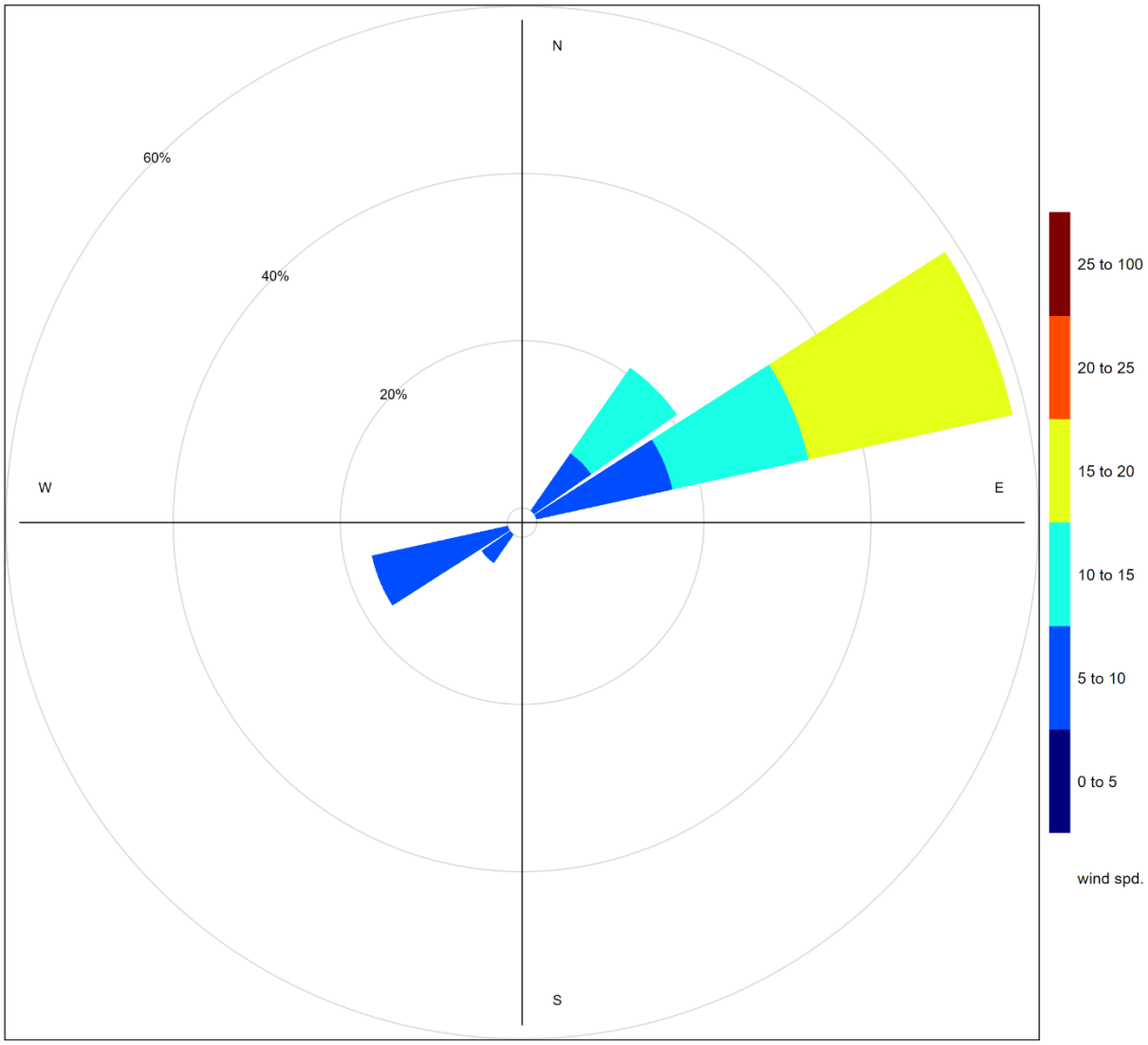

Figure 4-7 Wind rose for $PM_{2.5}$ exceedance days recorded at the Windridge Station

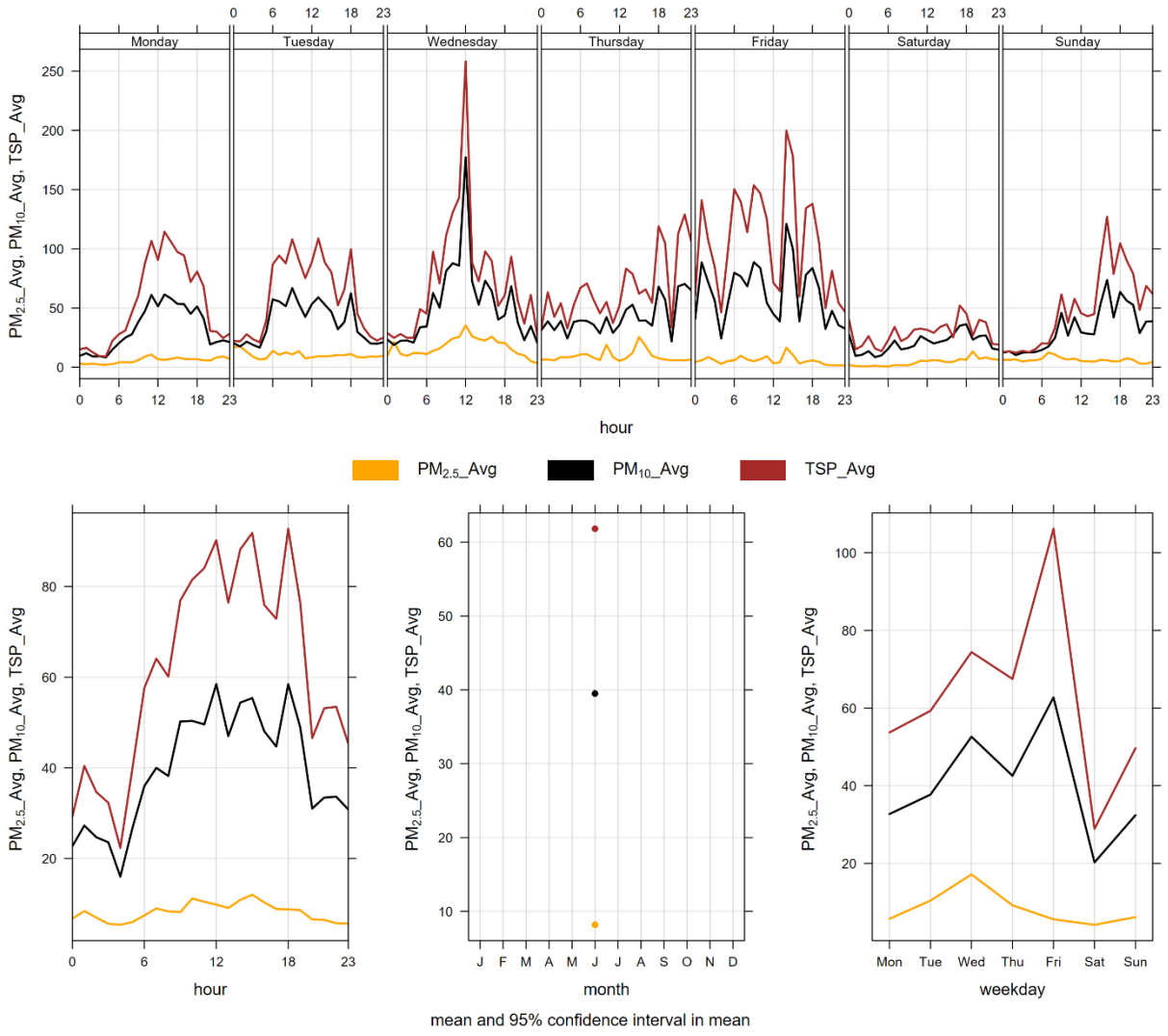

Figure 4-8 Windridge particulate matter time variation

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 Berm monitoring location

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

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 5-1and 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 5 exceedances of the 24-hour TSP Guideline (100 µg/m^3). There was 1 exceedance of the 24-hour $PM_{2.5}$ (29µg/m^3) and no exceedances for the 1-hour $PM_{2.5}$ Guideline.

Historically during the month of June, the Berm monitor records an average of 9 and 0 exceedances of the 24-hour TSP and $PM_{2.5}$ guidelines, respectively. The maximum number of TSP exceedances recorded during June occurred in 2016 where there were 18 days that exceeded the guideline. On the other hand, the maximum number of $PM_{2.5}$ exceedances in June was 3 days in 2011.

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 Amrize 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: Amrize Plant, Exshaw Creek, dry sections of the Bow River, and open areas.

Table 5-2 Summary of June 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	0	1	0.0	7.3	56.2	11	13	15.6	69.0	32.8	11	100.0
PM_{10} ($\mu g/m^3$)	-	-	Berm	-	-	0.0	22.4	309.5	18	13	27.4	209.1	133.0	6	100.0
TSP ($\mu g/m^3$)	-	100	Berm	-	5	0.0	56.0	821.5	6	14	28.9	215.9	380.3	6	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 Amrize)
Berm						
2025-06-05	140.9	-	234.6	13.3	34.1	
2025-06-06	380.3	-	214.7	22.4	28.7	High wind event & Regional wildfire activities
2025-06-08	128.3	-	225.9	12.9	35.8	
2025-06-09	152.5	-	237.4	13.5	24.6	
2025-06-11	-	32.8	63.8	11.4	47.4	Regional wildfire activities
2025-06-18	117.8	-	218.7	10.3	51.4	
Total # of Exceedances	**5**	**1**				
Maximum # of Exceedances (June)	**18 (2016)**	**3 (2011)**				
Average # of Exceedances (June)	**9**	**0**				
Minimum # of Exceedances (June)	**0 (2013, 2014, 2024)**	**0 (2010, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2023, 2024)**				

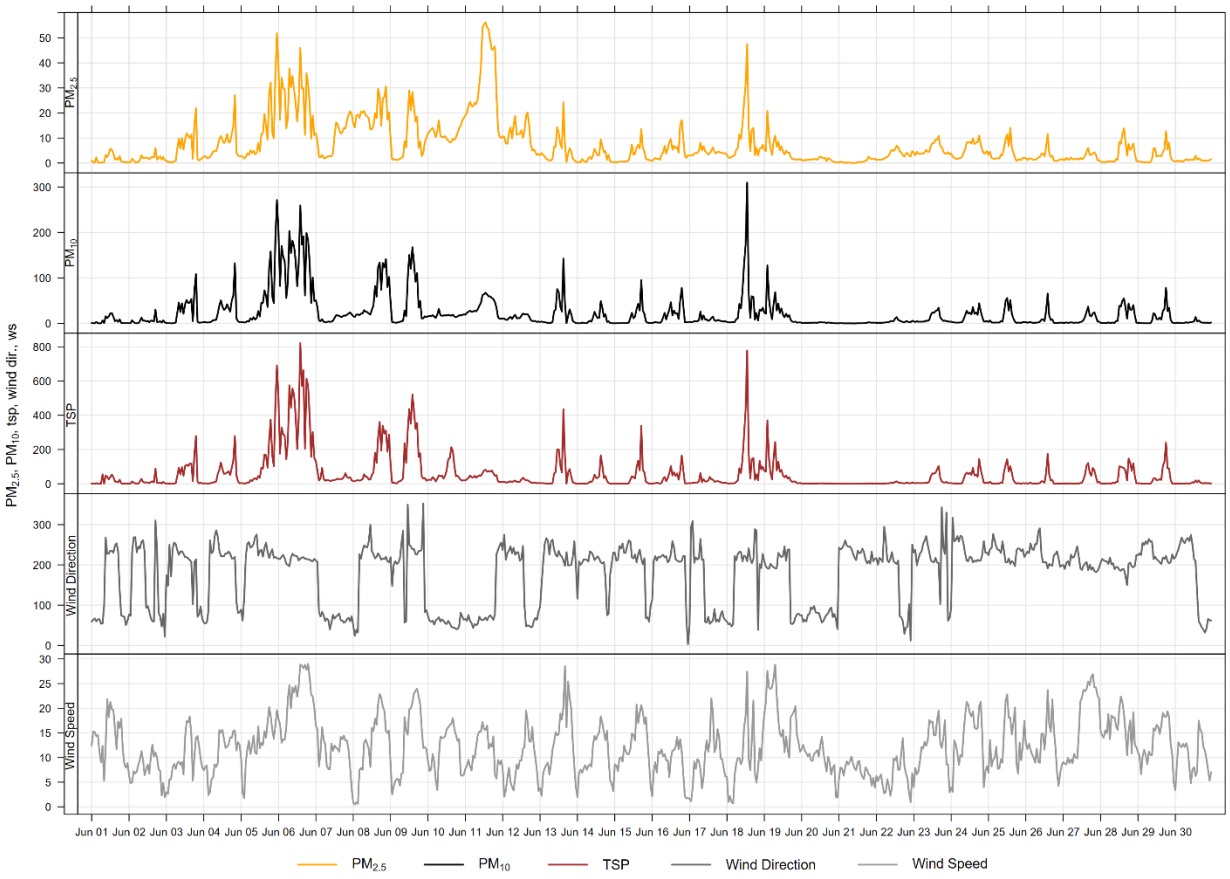

Figure 5-1 1-hour particulate matter concentrations at the Berm monitor

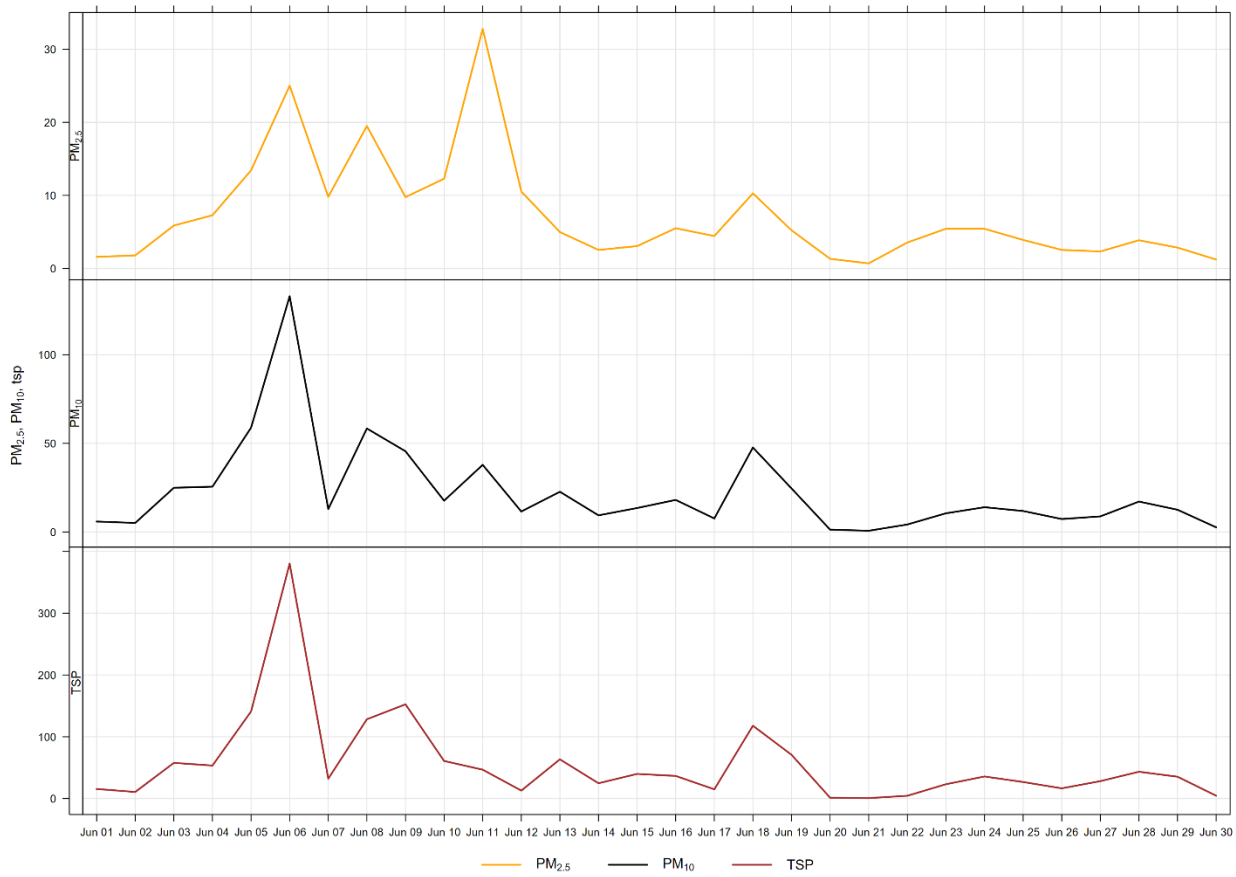

Figure 5-2 24-hour particulate matter concentrations at the Berm monitor

Figure 5-3 shows the wind rose for the 5 days of TSP exceedances. The wind rose shows that the wind predominately came from southwest direction, suggesting impacts of windblown dust from the direction of the Amrize Facility. Figure 5-4 shows the wind rose for the 1 day of $PM_{2.5}$ exceedance. The variation in wind conditions producing exceedances shows that, this month, the $PM_{2.5}$ exceedance was influenced by wildfire smoke.

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 Amrize operations, but also daytime emissions from other activities and sources in Exshaw.

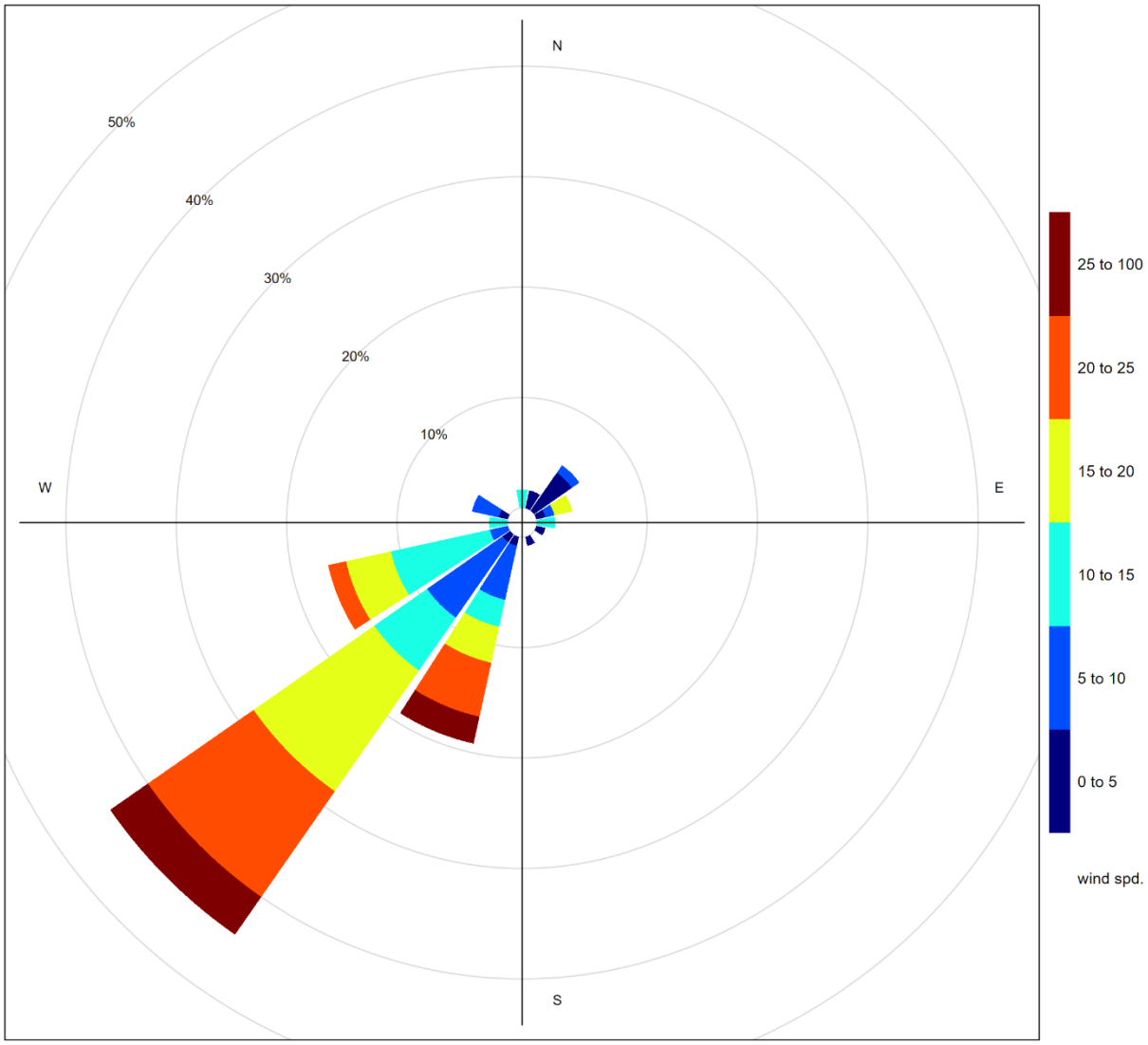

Figure 5-3 Windrose for TSP exceedance days recorded at the Berm GRIMM

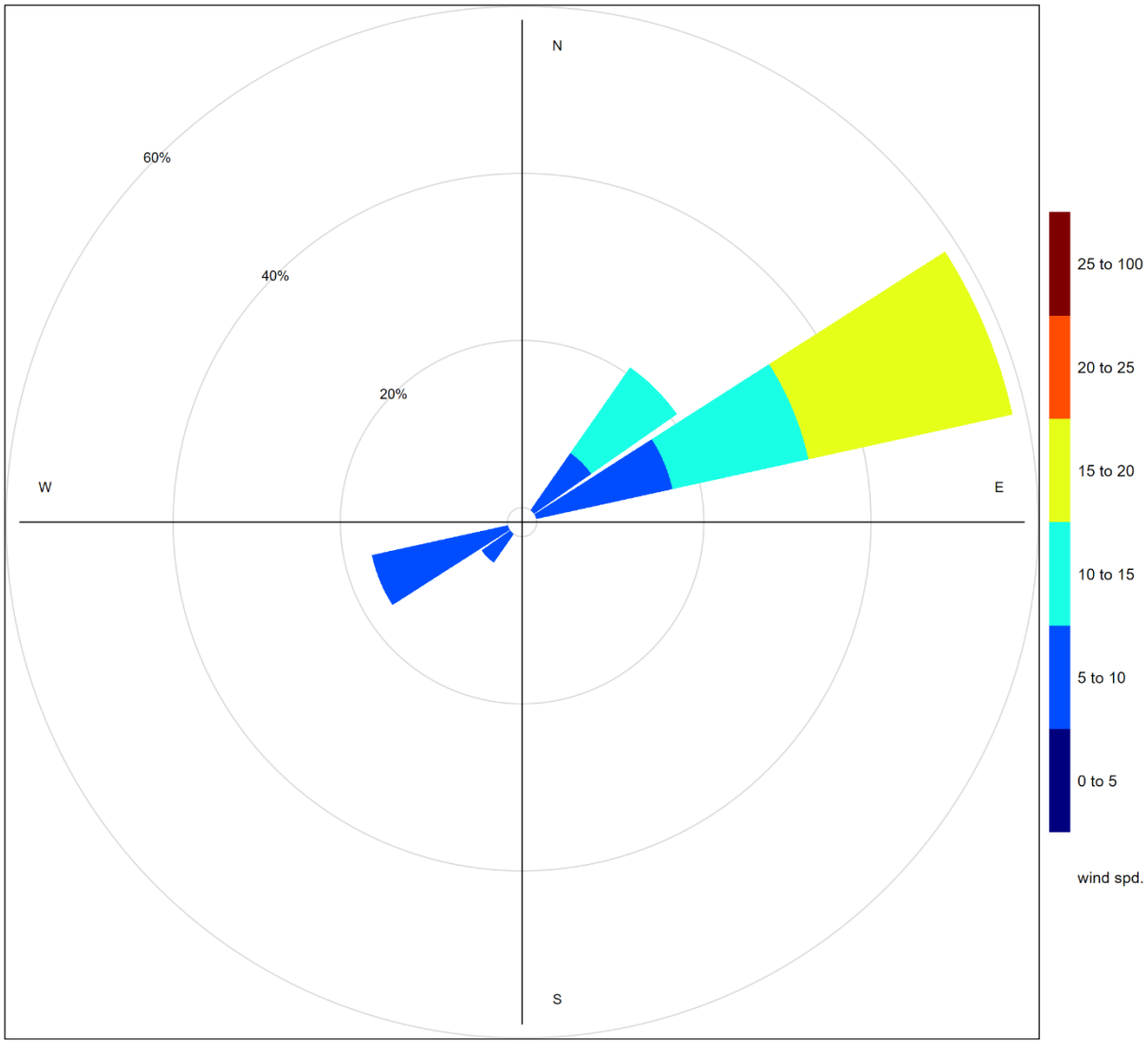

Figure 5-4 Windrose for $PM_{2.5}$ exceedance days recorded at the Berm GRIMM

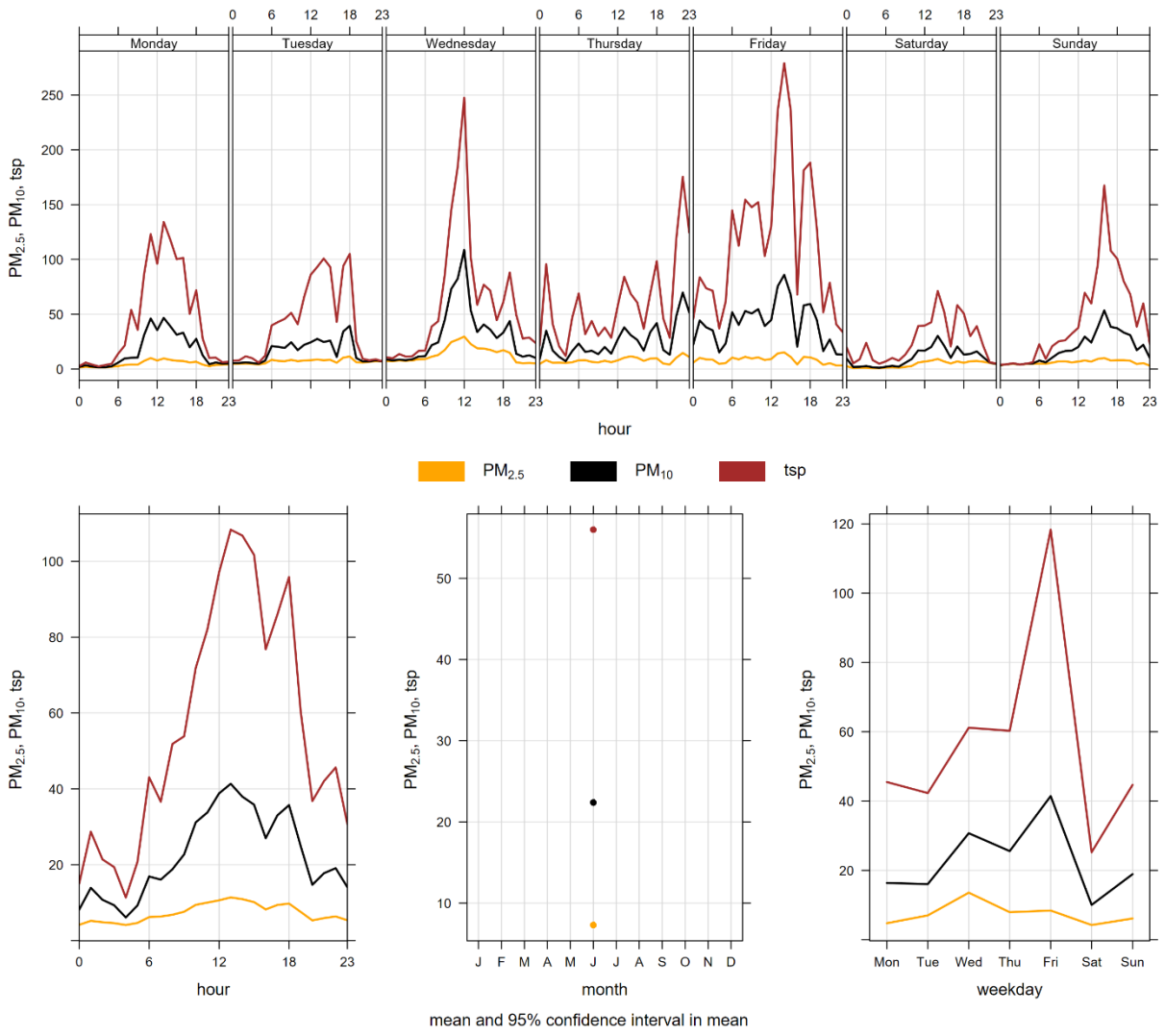

Figure 5-5 Berm monitor particulate matter time variation

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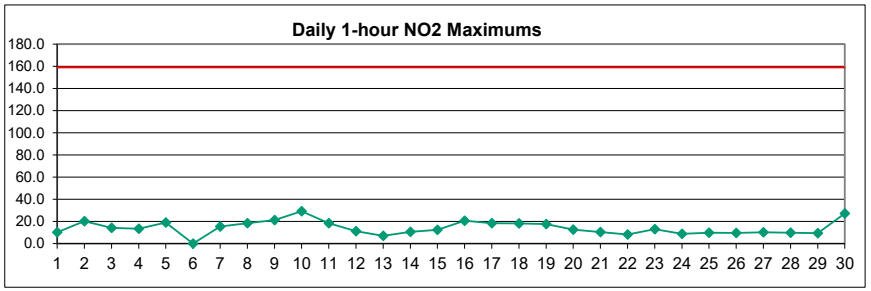
APPENDIX

A DATA & CALIBRATION REPORTS

APPENDIX

Lagoon NO_2 (ppb) – June 2025

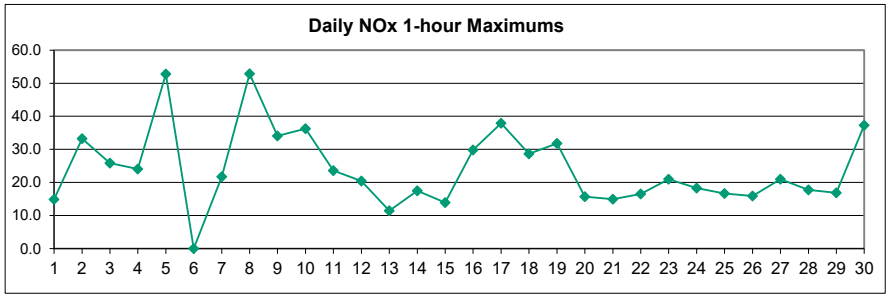
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	2.6	S	4.6	2.0	5.5	6.8	8.6	4.3	7.1	2.2	2.0	2.5	3.7	5.0	8.5	9.0	3.6	4.2	1.2	2.1	3.3	7.7	10.1	8.6	5.0	10.1
2	3.8	S	8.6	6.7	9.8	7.9	8.0	8.7	8.9	11.5	4.5	2.8	5.8	3.8	5.0	7.4	3.5	3.5	4.0	8.0	20.2	11.0	7.7	7.8	7.3	20.2
3	6.8	S	9.8	2.5	3.2	8.0	14.1	13.9	9.4	7.4	7.0	1.5	2.1	1.8	1.2	2.5	6.6	1.5	2.4	1.5	6.2	1.0	2.7	2.4	5.0	14.1
4	9.2	S	6.6	11.4	3.5	8.2	13.3	8.8	12.0	5.0	1.5	1.0	1.6	1.8	2.3	3.6	2.4	0.9	1.8	1.5	8.8	5.1	7.6	2.2	5.2	13.3
5	7.1	S	7.8	10.1	12.2	14.2	17.1	19.0	7.6	7.4	3.6	12.4	8.3	2.1	6.4	13.3	7.4	2.2	6.5	15.3	10.5	8.1	5.6	5.8	9.1	19.0
6	3.4	S	11.4	8.3	3.1	4.1	3.7	C	C	C	C	C	C	6.8	6.4	12.8	3.7	3.4	8.0	3.8	6.1	8.9	9.9	7.7	-	-
7	3.9	S	3.6	0.9	0.8	12.0	13.8	6.3	11.9	6.5	1.1	1.1	1.0	1.1	1.3	3.8	6.5	12.7	10.9	15.3	14.6	4.5	10.6	5.8	6.5	15.3
8	7.4	S	17.1	14.6	16.3	12.1	17.6	18.5	15.3	7.3	5.9	2.1	1.5	1.1	1.8	6.3	3.0	1.3	5.1	2.0	7.3	5.1	4.2	14.0	8.1	18.5
9	4.6	S	5.4	5.4	3.8	5.6	7.2	10.1	12.4	9.7	13.4	16.3	13.1	18.5	13.2	9.5	9.1	13.3	14.7	14.3	21.2	11.5	5.7	8.6	10.7	21.2
10	29.1	S	25.0	17.7	20.3	23.1	19.9	13.4	3.3	5.1	6.3	5.6	4.6	3.8	2.9	3.8	3.5	4.2	3.8	2.5	4.6	3.3	21.6	12.8	10.4	29.1
11	18.3	S	12.6	12.2	8.7	14.3	14.3	17.0	5.3	7.5	7.4	5.2	5.7	7.4	11.1	7.0	7.6	13.5	5.5	4.2	8.2	13.5	8.9	14.3	10.0	18.3
12	8.2	S	6.9	9.8	8.8	6.5	8.7	8.2	11.2	9.9	4.6	5.3	5.5	7.0	3.4	6.1	3.7	4.5	2.2	8.0	6.4	5.1	3.3	4.9	6.4	11.2
13	3.7	S	6.6	4.4	4.8	3.8	4.6	5.4	6.4	7.0	6.0	1.9	3.1	3.4	2.6	3.9	2.9	1.1	2.2	1.8	3.0	4.3	4.1	3.6	3.9	7.0
14	5.8	S	10.5	10.1	8.3	8.0	5.8	4.6	4.5	3.6	2.5	3.9	4.7	4.3	3.3	1.9	2.5	4.2	1.1	3.6	6.5	4.4	1.8	4.0	4.8	10.5
15	3.0	S	3.9	3.8	4.9	5.4	4.0	2.5	2.8	3.5	2.8	2.5	3.2	1.2	3.7	2.6	3.6	3.1	3.7	3.4	8.8	4.1	10.3	12.3	4.3	12.3
16	4.1	S	10.6	9.0	5.8	8.2	6.2	9.8	7.7	4.7	11.5	9.6	9.5	5.5	4.1	2.5	1.3	1.4	6.8	9.6	7.5	18.4	20.5	15.5	8.3	20.5
17	15.8	S	15.1	13.1	17.2	14.3	12.2	18.4	14.4	11.3	7.0	2.9	2.9	9.5	11.3	5.9	7.4	11.2	7.2	5.1	2.6	7.0	6.7	7.6	9.8	18.4
18	8.9	S	13.4	11.2	11.3	15.0	16.3	12.9	10.9	5.1	6.5	6.0	6.8	8.6	13.4	3.1	2.0	16.1	18.2	5.6	1.9	6.7	6.2	5.9	9.2	18.2
19	1.1	S	2.0	2.1	2.1	3.4	2.4	4.8	12.6	17.6	12.4	7.3	8.9	4.1	11.3	8.0	8.3	6.6	6.6	9.6	5.3	1.5	1.9	2.7	6.2	17.6
20	6.7	S	3.7	4.2	6.7	2.8	2.7	3.5	3.1	3.8	3.0	3.6	3.2	3.6	12.5	8.7	5.0	2.6	2.6	6.9	3.3	1.5	3.0	2.6	4.3	12.5
21	8.8	S	5.3	10.3	8.1	4.4	4.5	5.6	7.4	5.6	7.2	6.1	8.3	6.7	5.4	4.8	5.4	7.3	8.3	5.4	5.5	8.1	3.6	4.4	6.4	10.3
22	4.4	S	6.3	6.6	4.2	5.2	6.0	6.2	4.6	5.2	8.1	2.1	3.7	2.4	4.6	7.9	7.9	4.7	2.2	3.1	1.6	1.5	4.4	3.8	4.6	8.1
23	2.5	S	6.7	7.6	6.5	6.0	4.8	5.1	7.7	5.2	3.1	1.0	2.6	1.6	1.4	1.1	6.5	12.9	7.0	4.0	3.8	2.9	3.1	4.9	4.7	12.9
24	7.8	S	6.7	6.1	8.7	6.4	5.0	8.2	4.5	3.0	6.6	6.5	8.0	1.2	3.1	2.1	3.7	5.1	5.5	4.1	2.1	4.1	6.5	7.7	5.3	8.7
25	4.4	S	6.1	4.4	7.9	6.4	6.3	9.8	8.2	6.0	1.7	1.9	7.1	2.9	3.7	2.7	3.7	4.5	9.3	9.4	7.0	8.0	4.9	5.3	5.7	9.8
26	4.6	S	9.6	5.2	3.9	4.3	4.2	4.0	3.3	8.0	2.0	1.6	3.6	1.5	2.3	2.8	2.3	5.1	9.1	5.9	6.5	2.7	5.7	7.7	4.6	9.6
27	5.8	S	6.7	10.2	7.9	7.0	9.9	7.6	6.3	4.7	2.1	1.7	4.0	5.8	7.0	1.2	4.2	1.6	3.0	0.7	0.8	1.7	3.0	5.5	4.7	10.2
28	6.5	S	3.4	3.5	5.3	3.3	6.7	6.1	2.7	5.0	1.4	1.0	1.1	0.6	0.9	1.4	3.1	1.9	4.1	0.8	3.5	2.7	9.7	6.0	3.5	9.7
29	6.7	S	5.1	7.4	6.7	5.8	5.8	4.0	2.8	1.9	5.1	1.6	1.7	2.3	1.2	8.5	4.1	8.2	5.6	3.1	9.3	7.6	5.0	7.8	5.1	9.3
30	9.3	S	6.2	7.2	7.4	9.1	4.9	3.3	9.4	9.9	3.4	1.8	2.4	6.2	7.0	6.5	5.1	3.8	4.9	2.1	6.5	8.0	5.9	27.1	6.8	27.1
NO.	30	-	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	684	100%
MEAN	7.1	-	8.2	7.6	7.5	8.1	8.6	8.6	7.7	6.6	5.2	4.1	4.8	4.4	5.4	5.4	4.7	5.6	5.8	5.4	6.8	6.0	6.8	7.6		
MAX	29.1	-	25.0	17.7	20.3	23.1	19.9	19.0	15.3	17.6	13.4	16.3	13.1	18.5	13.4	13.3	9.1	16.1	18.2	15.3	21.2	18.4	21.6	27.1		



Number of 1HR Exceedences	0		
Number of Non-Zero Readings	684		
Maximum 1-HR Average	29.1	PPB	
Maximum 24-HR Average	10.7	PPB	
		Opperational Time	720 HRS
Monthly Calibration	6	Opperational Uptime	100.0 %
Standard Deviation	4.3	Monthly Average	6.4 PPB

Lagoon NOx (ppb) – June 2025

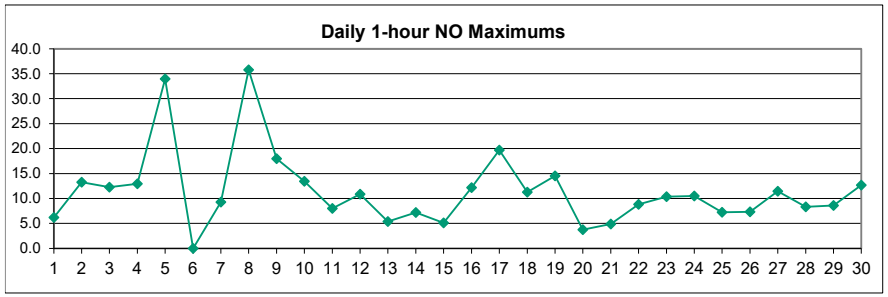
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	2.5	S	5.1	1.7	6.7	9.4	13.9	5.8	11.3	2.8	2.6	3.1	6.4	8.8	13.6	14.9	4.3	5.1	0.9	1.8	3.0	9.3	11.6	9.8	6.7	14.9
2	3.4	S	9.2	8.6	10.8	11.8	14.4	18.0	15.5	18.9	6.9	3.3	7.7	4.5	6.8	10.8	3.8	5.5	4.4	9.2	33.2	11.4	13.1	9.4	10.5	33.2
3	6.3	S	11.3	2.2	3.0	11.6	22.4	25.8	15.6	11.3	11.6	1.5	2.3	1.7	0.9	2.5	8.3	1.1	2.3	1.4	6.4	0.4	2.3	2.2	6.7	25.8
4	14.7	S	6.2	24.1	3.7	9.6	20.9	12.2	23.1	8.2	1.5	0.8	1.6	1.9	3.2	5.0	2.8	0.5	1.8	1.0	10.0	5.9	9.1	1.7	7.4	24.1
5	7.0	S	7.5	12.6	22.6	24.7	35.2	52.8	15.9	12.7	5.4	20.8	14.0	2.4	11.5	24.6	10.6	2.8	9.3	21.1	13.8	8.1	5.5	5.6	15.1	52.8
6	3.0	S	11.8	7.9	2.9	4.4	4.9	C	C	C	C	C	C	11.8	10.5	21.9	5.4	4.8	13.2	4.8	8.6	11.3	13.4	9.1	-	-
7	4.3	S	3.7	0.9	0.8	16.5	16.5	7.5	18.0	9.7	1.4	1.1	1.1	1.1	1.5	5.3	10.0	21.7	16.1	20.2	17.8	4.6	10.8	5.8	8.5	21.7
8	7.3	S	52.8	21.1	17.1	15.9	41.6	44.3	27.8	10.9	9.3	2.5	1.6	1.4	2.4	10.7	4.0	1.6	7.7	2.3	7.8	5.2	4.7	15.3	13.7	52.8
9	4.8	S	5.4	5.4	3.9	6.7	13.6	17.2	22.2	14.4	22.7	34.1	25.5	33.3	25.3	15.3	13.8	21.2	21.5	19.5	24.4	11.8	5.6	8.7	16.4	34.1
10	35.3	S	29.2	18.5	21.2	36.3	32.7	24.1	3.7	6.2	7.7	6.4	5.5	4.4	3.2	5.1	3.9	5.6	4.8	2.5	4.7	3.3	25.6	12.9	13.2	36.3
11	19.6	S	20.3	12.8	9.8	19.2	18.5	23.6	6.7	9.4	9.5	6.2	6.4	7.9	12.6	7.4	8.1	14.2	5.6	4.2	9.7	18.6	10.7	21.5	12.3	23.6
12	8.8	S	8.0	13.6	11.1	7.1	11.1	11.6	17.3	20.4	6.1	7.5	8.3	10.2	4.0	9.3	4.1	5.7	2.2	9.8	7.1	5.2	3.3	5.0	8.6	20.4
13	3.8	S	9.1	7.6	6.2	4.4	5.5	10.0	11.4	11.2	8.9	2.6	4.2	4.5	3.3	5.1	4.5	1.3	3.0	1.8	3.2	4.8	4.3	3.6	5.4	11.4
14	11.5	S	17.5	13.5	13.9	13.5	9.3	10.0	8.0	7.3	3.9	6.4	7.6	7.5	5.0	3.2	3.9	5.4	1.1	4.3	7.3	4.9	1.8	6.9	7.6	17.5
15	3.8	S	5.1	3.9	7.2	9.2	6.5	4.5	7.7	6.5	4.0	3.5	4.5	1.5	5.6	3.3	4.6	4.3	4.5	3.7	9.7	4.2	10.4	13.9	5.7	13.9
16	4.3	S	13.4	11.6	6.1	12.7	10.0	21.6	15.7	6.8	18.7	20.1	19.9	8.5	5.7	3.2	1.5	1.5	8.4	13.9	7.7	29.8	25.4	16.9	12.3	29.8
17	17.7	S	17.0	17.1	25.1	22.1	18.2	37.9	25.6	17.2	9.5	3.6	3.6	13.7	16.8	7.8	8.9	13.2	8.1	5.8	2.6	8.4	6.8	7.8	13.7	37.9
18	9.2	S	19.8	17.1	11.6	20.9	25.4	21.4	16.9	6.6	9.1	8.7	11.8	15.1	19.4	3.6	2.7	25.3	28.6	6.1	2.4	7.9	7.8	8.3	13.3	28.6
19	1.1	S	2.2	2.1	2.2	4.4	3.2	7.2	22.2	31.8	20.2	12.7	13.6	5.9	18.8	12.0	11.1	8.3	8.0	13.5	6.2	1.5	1.9	2.8	9.3	31.8
20	7.8	S	3.9	4.3	7.9	2.8	2.6	3.6	3.4	4.3	3.5	4.5	4.1	3.8	15.7	10.3	5.4	2.7	2.7	10.4	3.4	1.5	3.0	2.6	5.0	15.7
21	9.2	S	6.2	14.9	11.3	5.8	5.1	7.7	10.2	6.3	9.0	8.6	11.8	8.4	6.9	6.0	6.2	8.3	9.7	5.7	5.9	8.8	3.8	4.8	7.9	14.9
22	4.8	S	7.3	7.9	5.8	7.7	9.7	10.8	8.3	9.0	16.5	3.1	5.4	3.2	6.0	11.9	13.9	7.5	2.8	4.3	1.6	1.5	9.4	3.7	7.1	16.5
23	2.6	S	9.2	12.8	13.1	13.2	11.7	13.3	17.6	9.7	5.0	1.1	4.5	2.1	1.8	1.4	9.7	21.0	11.3	7.3	4.5	3.2	3.0	5.8	8.0	21.0
24	9.6	S	10.8	11.6	17.1	10.4	8.4	18.3	8.1	5.1	12.2	11.1	14.2	1.4	5.3	2.9	5.3	9.2	9.8	5.5	2.0	4.7	7.7	9.4	8.7	18.3
25	5.8	S	8.8	7.5	14.3	9.6	9.5	16.7	13.7	9.4	2.0	2.6	11.3	4.1	5.7	3.8	5.7	5.4	13.2	13.3	9.1	11.5	6.3	5.9	8.5	16.7
26	6.1	S	15.9	8.1	6.4	7.0	7.1	6.8	5.6	15.0	2.7	2.1	5.5	1.9	3.0	4.3	3.0	7.0	14.6	7.8	8.7	2.9	8.0	9.5	6.9	15.9
27	6.0	S	10.4	13.3	12.8	11.0	20.9	14.6	11.5	7.3	3.1	2.3	7.1	10.9	13.6	1.7	6.7	2.0	4.7	0.6	0.8	1.9	3.6	8.0	7.6	20.9
28	12.2	S	4.2	4.1	7.2	4.4	12.0	11.1	4.2	7.8	2.3	1.6	1.5	0.8	1.2	1.9	4.6	2.5	6.7	0.9	5.4	3.1	17.8	7.4	5.4	17.8
29	8.1	S	9.0	14.2	11.4	10.0	13.6	8.7	5.5	3.0	11.7	2.8	2.9	4.1	1.9	16.9	6.9	13.0	8.2	3.8	10.7	10.3	5.3	8.0	8.3	16.9
30	11.0	S	8.7	11.1	12.6	18.1	9.8	5.7	21.6	21.9	6.1	2.5	3.7	9.6	10.6	9.2	7.7	4.8	8.9	2.3	6.6	8.9	5.8	37.3	10.6	37.3
NO.	30	-	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	684	100%
MEAN	8.4	-	11.6	10.4	10.2	12.0	14.5	16.3	13.6	10.7	8.0	6.5	7.5	6.6	8.1	8.0	6.4	7.8	8.1	7.0	8.1	7.2	8.3	9.0		
MAX	35.3	-	52.8	24.1	25.1	36.3	41.6	52.8	27.8	31.8	22.7	34.1	25.5	33.3	25.3	24.6	13.9	25.3	28.6	21.1	33.2	29.8	25.6	37.3		



Number of Non-Zero Readings	684		
Maximum 1-HR Average	52.8 PPB		
Maximum 24-HR Average	16.4 PPB		
		Opperational Time	720 HRS
Monthly Calibration	6	Opperational Uptime	100.0 %
Standard Deviation	7.36	Monthly Average	9.3 PPB

Lagoon NO (ppb) – June 2025

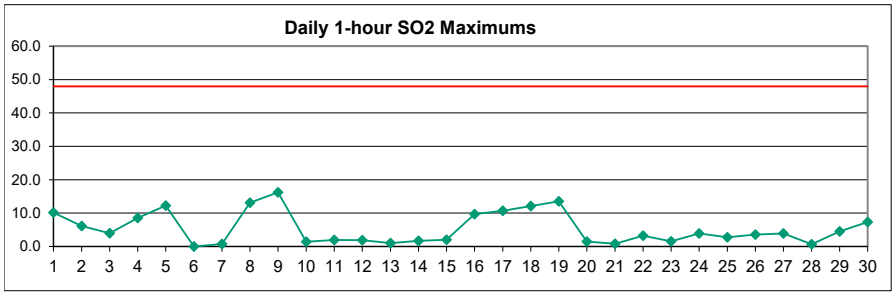
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	0.2	S	0.8	0.0	1.4	2.9	5.6	1.7	4.5	0.9	0.9	0.9	2.9	4.1	5.4	6.2	1.0	1.3	0.0	0.0	0.0	1.9	1.8	1.5	2.0	6.2
2	0.0	S	0.9	2.1	1.2	4.2	6.7	9.7	7.0	7.7	2.6	0.8	2.1	0.9	2.1	3.6	0.5	2.2	0.7	1.5	13.3	0.8	5.5	1.9	3.4	13.3
3	0.0	S	1.8	0.0	0.0	3.8	8.7	12.3	6.6	4.2	4.9	0.2	0.4	0.2	0.0	0.3	2.0	0.0	0.2	0.1	0.4	0.0	0.0	0.0	2.0	12.3
4	5.8	S	0.0	13.0	0.5	1.7	8.0	3.8	11.5	3.6	0.3	0.0	0.3	0.4	1.1	1.7	0.7	0.0	0.2	0.0	1.5	1.2	1.7	0.0	2.5	13.0
5	0.1	S	0.0	2.7	10.6	10.8	18.3	33.9	8.7	5.6	2.0	8.8	5.9	0.6	5.3	11.6	3.6	0.9	3.2	6.2	3.5	0.3	0.1	0.1	6.2	33.9
6	0.0	S	0.7	0.0	0.0	0.6	1.4	C	C	C	C	C	C	5.3	4.5	9.6	2.0	1.8	5.4	1.2	2.8	2.7	3.9	1.7	-	-
7	0.6	S	0.3	0.3	0.2	4.7	3.1	1.5	6.4	3.5	0.5	0.3	0.3	0.3	0.5	1.8	3.8	9.3	5.5	5.1	3.5	0.3	0.5	0.2	2.3	9.3
8	0.2	S	35.8	6.7	1.0	4.1	24.3	26.0	12.8	4.0	3.6	0.6	0.3	0.6	0.9	4.8	1.3	0.6	2.9	0.5	0.8	0.4	0.8	1.6	5.8	35.8
9	0.4	S	0.3	0.2	0.3	1.3	6.7	7.5	10.0	5.1	9.6	18.0	12.7	15.1	12.4	6.2	5.0	8.3	7.2	5.5	3.5	0.5	0.2	0.4	5.9	18.0
10	6.3	S	4.4	1.0	1.2	13.4	13.1	10.9	0.7	1.4	1.7	1.1	1.1	0.8	0.5	1.6	0.7	1.6	1.3	0.2	0.3	0.3	4.3	0.4	3.0	13.4
11	1.6	S	8.0	0.9	1.5	5.2	4.5	6.9	1.7	2.3	2.5	1.3	1.0	0.8	1.8	0.7	0.8	1.0	0.4	0.3	1.8	5.5	2.1	7.5	2.6	8.0
12	0.8	S	1.4	4.2	2.6	0.9	2.7	3.8	6.5	10.9	1.8	2.5	3.0	3.6	0.8	3.5	0.6	1.5	0.3	2.1	1.0	0.4	0.2	0.3	2.4	10.9
13	0.3	S	2.8	3.4	1.7	0.8	1.2	5.0	5.4	4.6	3.3	1.0	1.4	1.4	1.0	1.5	1.8	0.5	1.1	0.3	0.5	0.7	0.4	0.2	1.7	5.4
14	5.9	S	7.2	3.8	5.9	5.8	3.9	5.8	3.8	4.0	1.7	2.8	3.1	3.5	2.0	1.6	1.8	1.5	0.3	1.0	1.1	0.7	0.3	3.1	3.1	7.2
15	1.0	S	1.4	0.3	2.5	4.1	2.7	2.3	5.1	3.3	1.4	1.3	1.5	0.6	2.2	1.0	1.3	1.5	1.1	0.6	1.3	0.3	0.4	2.0	1.7	5.1
16	0.5	S	3.1	2.9	0.5	4.9	4.2	12.2	8.4	2.3	7.6	10.8	10.7	3.3	1.9	0.9	0.4	0.4	1.9	4.5	0.5	11.7	5.2	1.7	4.4	12.2
17	2.2	S	2.2	4.4	8.2	8.2	6.4	19.7	11.5	6.3	2.9	1.0	1.0	4.6	5.8	2.2	1.8	2.3	1.2	1.0	0.3	1.6	0.4	0.6	4.2	19.7
18	0.6	S	6.9	6.3	0.7	6.2	9.5	8.9	6.4	1.8	3.0	3.0	5.3	6.8	6.4	0.8	1.0	9.4	11.3	0.8	0.7	1.5	1.9	2.6	4.4	11.3
19	0.2	S	0.5	0.2	0.4	1.3	1.0	2.7	9.9	14.5	8.2	5.7	5.1	2.1	7.8	4.4	3.2	2.0	1.7	4.3	1.2	0.3	0.3	0.3	3.4	14.5
20	1.4	S	0.5	0.4	1.5	0.3	0.2	0.8	0.5	0.7	0.7	1.2	1.2	0.4	3.5	1.9	0.6	0.3	0.3	3.8	0.4	0.2	0.2	0.3	0.9	3.8
21	0.8	S	1.2	4.9	3.5	1.7	0.9	2.3	3.1	0.9	2.1	2.8	3.7	2.0	1.8	1.4	1.0	1.3	1.7	0.6	0.7	1.0	0.5	0.7	1.8	4.9
22	0.7	S	1.3	1.6	1.8	2.8	4.1	5.0	4.1	4.2	8.8	1.2	2.0	1.0	1.7	4.4	6.4	3.1	0.9	1.5	0.2	0.3	5.2	0.2	2.7	8.8
23	0.4	S	2.9	5.6	7.0	7.6	7.3	8.5	10.3	4.8	2.2	0.4	2.1	0.8	0.6	0.6	3.6	8.4	4.5	3.7	1.0	0.6	0.2	1.2	3.7	10.3
24	2.1	S	4.4	5.9	8.8	4.4	3.7	10.5	3.9	2.4	5.9	5.0	6.5	0.5	2.5	1.1	2.0	4.4	4.5	1.7	0.3	0.9	1.5	2.0	3.7	10.5
25	1.7	S	3.0	3.4	6.8	3.5	3.5	7.2	5.9	3.8	0.7	1.1	4.6	1.6	2.3	1.4	2.3	1.3	4.3	4.3	2.4	3.8	1.7	0.9	3.1	7.2
26	1.8	S	6.7	3.2	2.9	3.0	3.2	3.2	2.6	7.3	0.9	0.8	2.2	0.7	1.0	1.9	1.0	2.2	5.9	2.2	2.4	0.5	2.6	2.2	2.6	7.3
27	0.4	S	4.0	3.5	5.2	4.4	11.4	7.4	5.6	2.9	1.2	0.9	3.4	5.4	7.0	0.8	2.8	0.8	2.0	0.3	0.3	0.5	0.9	2.9	3.2	11.4
28	6.0	S	1.1	0.8	2.2	1.2	5.6	5.3	1.8	3.1	1.1	0.9	0.7	0.5	0.6	0.8	1.7	0.9	2.9	0.3	2.2	0.6	8.3	1.7	2.2	8.3
29	1.7	S	4.2	7.1	5.0	4.6	8.1	5.1	2.9	1.4	6.9	1.5	1.4	2.2	1.0	8.6	3.0	5.2	2.9	0.9	1.7	3.0	0.5	0.6	3.5	8.6
30	2.1	S	2.9	4.4	5.6	9.4	5.2	2.7	12.7	12.4	3.0	1.0	1.6	3.7	3.9	3.1	2.9	1.3	4.3	0.4	0.4	1.2	0.2	10.5	4.1	12.7
NO.	30	-	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	684	100%
MEAN	1.5	-	3.7	3.1	3.0	4.3	6.2	8.0	6.2	4.5	3.2	2.6	3.0	2.5	2.9	3.0	2.0	2.5	2.7	1.8	1.7	1.5	1.7	1.6		
MAX	6.3	-	35.8	13.0	10.6	13.4	24.3	33.9	12.8	14.5	9.6	18.0	12.7	15.1	12.4	11.6	6.4	9.4	11.3	6.2	13.3	11.7	8.3	10.5		



Number of Non-Zero Readings	666		
Maximum 1-HR Average	35.8 PPB		
Maximum 24-HR Average	6.2 PPB		
		Opperational Time	720 HRS
Monthly Calibration	6	Opperational Uptime	100.0 %
Standard Deviation	3.77	Monthly Average	3.2 PPB

Lagoon SO_2 (ppb) – June 2025

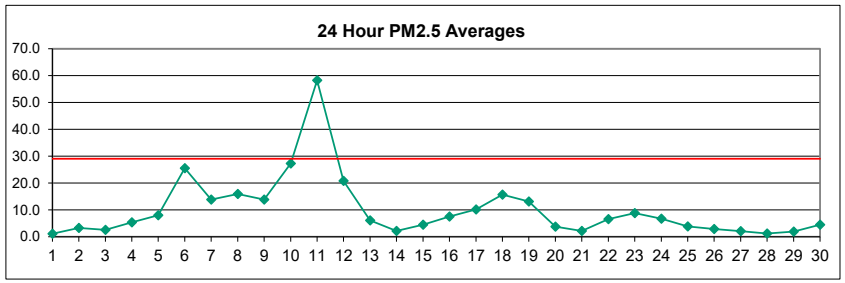
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	0.0	S	0.0	0.0	0.0	0.0	0.0	0.5	1.9	0.1	0.5	0.7	2.3	3.6	10.1	8.8	1.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	10.1
2	0.0	S	0.6	0.1	0.0	0.3	1.7	4.2	4.8	6.1	0.6	1.1	1.8	0.8	0.3	0.3	0.6	2.7	0.2	0.2	0.1	0.0	0.0	0.0	1.2	6.1
3	0.0	S	0.9	0.0	0.0	1.9	2.0	0.1	0.2	0.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.4	4.0
4	0.0	S	0.0	0.0	0.0	0.0	1.5	2.3	8.5	1.2	0.0	0.0	0.0	0.0	1.4	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	8.5
5	0.0	S	0.0	2.2	6.6	5.8	10.9	12.2	3.9	2.1	0.0	5.5	4.1	0.2	2.1	9.0	3.2	0.5	3.0	7.7	0.3	0.0	0.0	0.0	3.4	12.2
6	0.0	S	0.0	0.0	0.1	0.1	0.0	C	C	C	C	C	C	2.3	3.1	5.8	2.4	1.9	4.3	1.6	2.3	1.9	3.1	2.1	-	-
7	0.5	S	0.2	0.1	0.0	0.6	0.6	0.3	0.7	0.5	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.3	0.7
8	0.0	S	0.4	0.0	0.1	0.8	8.7	12.9	13.1	2.8	3.3	0.1	0.1	0.4	1.4	4.9	1.5	0.4	0.9	0.0	0.0	0.1	0.2	0.2	2.3	13.1
9	0.3	S	0.6	0.3	0.3	0.8	2.3	2.6	0.5	0.4	4.5	16.2	12.3	15.8	12.2	3.9	4.2	7.3	5.8	6.3	4.2	0.6	0.5	0.4	4.4	16.2
10	0.4	S	0.4	0.9	0.8	0.4	0.7	1.2	1.4	0.8	0.8	1.0	0.9	1.0	0.4	0.4	0.8	0.5	0.3	0.5	1.2	0.7	0.9	0.7	0.7	1.4
11	0.5	S	0.4	0.4	0.4	0.4	0.9	0.9	0.8	1.0	1.3	0.6	0.6	1.3	2.0	1.2	1.2	0.6	0.5	0.2	0.5	0.9	0.4	0.3	0.7	2.0
12	0.2	S	0.0	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.3	1.6	1.3	1.9	0.4	0.3	0.4	0.2	0.0	0.3	0.2	0.1	0.1	0.1	0.4	1.9
13	0.1	S	0.0	0.3	0.2	0.1	0.2	0.2	0.3	0.5	1.0	0.4	0.6	0.9	1.0	0.4	0.2	0.3	0.1	0.1	0.1	0.3	0.1	0.0	0.3	1.0
14	0.1	S	0.0	0.0	0.0	0.1	0.1	0.4	0.3	0.4	0.6	1.2	1.6	0.6	1.0	0.5	0.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.4	1.6
15	0.0	S	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.1	0.7	1.7	2.0	0.1	1.4	0.3	0.8	0.8	0.5	0.1	0.1	0.0	0.0	0.0	0.4	2.0
16	0.0	S	0.0	0.1	0.0	0.1	0.1	0.8	1.0	0.5	9.7	3.6	4.4	1.8	1.1	0.3	0.3	0.7	0.6	0.7	0.3	0.5	0.2	0.0	1.2	9.7
17	0.0	S	0.0	0.1	1.1	1.4	1.8	10.7	7.9	2.9	0.8	0.2	0.5	0.8	0.6	0.5	0.4	1.0	0.7	0.4	0.2	0.4	0.2	0.2	1.4	10.7
18	0.0	S	0.0	0.0	0.0	0.2	1.3	1.5	2.0	1.1	1.4	3.4	4.7	6.5	12.1	0.8	0.8	9.5	3.8	0.8	0.1	0.6	0.5	0.5	2.2	12.1
19	0.1	S	0.4	0.1	0.1	0.5	0.6	0.3	9.9	13.5	11.1	5.9	6.5	2.0	9.3	4.4	1.0	0.6	0.7	0.4	0.2	0.1	0.2	0.0	3.0	13.5
20	0.2	S	0.0	0.1	0.2	0.1	0.1	0.4	0.2	0.2	0.2	0.2	0.2	0.2	1.5	0.9	0.7	0.2	0.2	0.3	0.1	0.0	0.3	0.2	0.3	1.5
21	0.2	S	0.2	0.8	0.6	0.2	0.3	0.3	0.4	0.3	0.1	0.2	0.4	0.4	0.6	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.0	0.2	0.3	0.8
22	0.1	S	0.0	0.1	0.0	0.1	0.1	0.2	0.3	0.4	3.2	0.6	2.0	0.9	1.1	0.5	0.3	0.2	0.3	0.2	0.1	0.0	0.2	0.1	0.5	3.2
23	0.1	S	0.3	0.6	0.6	0.6	0.6	0.9	1.3	0.5	0.2	0.3	0.3	0.1	0.6	0.2	0.4	0.8	1.5	0.1	0.2	0.0	0.0	0.1	0.4	1.5
24	0.2	S	1.9	1.5	1.9	1.1	1.3	3.5	1.0	0.4	0.7	2.8	3.5	0.1	1.0	0.2	0.3	3.9	0.2	0.3	0.3	0.5	1.2	0.7	1.2	3.9
25	0.6	S	1.6	1.0	1.3	1.0	0.9	1.7	1.6	1.2	0.4	0.5	2.8	1.9	0.5	0.7	0.3	0.8	1.9	1.9	1.0	1.3	1.0	0.9	1.2	2.8
26	0.9	S	3.5	1.1	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.2	0.3	0.1	0.2	0.1	0.2	0.2	0.6	0.6	0.6	0.2	0.2	0.0	0.5	3.5
27	0.0	S	0.9	0.5	1.1	1.0	1.2	0.6	0.7	0.4	0.4	0.4	1.2	2.7	3.9	0.4	1.5	0.5	1.4	0.2	0.1	0.2	0.1	0.2	0.9	3.9
28	0.6	S	0.2	0.2	0.1	0.4	0.5	0.3	0.3	0.5	0.4	0.6	0.2	0.1	0.0	0.1	0.2	0.2	0.6	0.1	0.4	0.0	0.4	0.7	0.3	0.7
29	0.7	S	1.5	2.3	2.1	1.1	1.9	1.8	0.9	0.3	3.8	0.6	0.4	0.7	0.3	4.5	2.0	3.2	0.8	0.4	0.3	0.4	0.4	0.7	1.3	4.5
30	1.8	S	1.6	2.6	3.6	4.1	1.4	1.1	7.3	6.3	1.7	0.2	1.1	2.9	0.8	1.2	1.0	0.5	0.4	0.5	0.8	0.5	0.4	0.6	1.8	7.3
NO.	30	-	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	684	100%
MEAN	0.3	-	0.5	0.5	0.7	0.8	1.4	2.2	2.5	1.6	1.8	1.7	1.9	1.7	2.4	1.8	0.9	1.4	1.0	0.8	0.5	0.3	0.4	0.3		
MAX	1.8	-	3.5	2.6	6.6	5.8	10.9	12.9	13.1	13.5	11.1	16.2	12.3	15.8	12.2	9.0	4.2	9.5	5.8	7.7	4.2	1.9	3.1	2.1		



Number of 1HR Exceedences	0		
Number of Non-Zero Readings	597		
Maximum 1-HR Average	16.2 PPB		
Maximum 24-HR Average	4.4 PPB		
		Opperational Time	720 HRS
Monthly Calibration	6	Opperational Uptime	100.0 %
Standard Deviation	2.23	Monthly Average	1.2 PPB

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

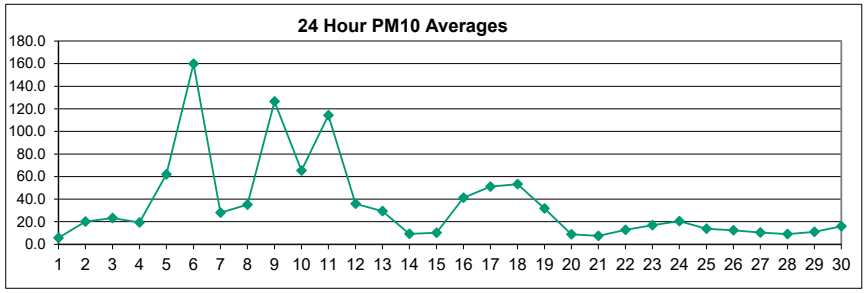
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	3.3	1.2	0.7	1.3	0.0	1.0	0.4	0.0	0.0	1.2	1.2	2.4	2.4	0.2	0.0	0.1	2.4	2.2	3.7	2.6	0.2	0.0	0.6	0.0	1.1	3.7
2	0.0	0.0	0.0	0.3	1.2	3.1	2.0	0.0	3.9	3.8	3.1	1.3	0.0	1.6	3.5	3.9	7.3	7.0	4.5	4.8	7.3	12.7	7.4	0.9	3.3	12.7
3	0.3	0.6	0.0	1.5	2.1	0.7	2.2	4.2	4.7	5.9	6.6	4.6	1.8	2.3	3.7	4.6	2.4	0.0	2.4	3.1	2.4	2.1	1.6	2.3	2.6	6.6
4	3.3	4.9	6.4	4.9	6.3	21.3	8.5	11.9	9.8	8.0	6.1	3.1	0.1	2.4	2.5	3.1	3.2	2.3	2.8	3.9	3.5	5.2	2.8	1.4	5.3	21.3
5	6.6	5.3	4.8	4.7	6.9	6.3	4.7	8.8	8.3	7.5	6.2	3.7	6.0	6.4	5.8	9.7	32.6	14.1	8.1	8.7	13.3	7.3	3.5	2.6	8.0	32.6
6	0.7	2.4	10.1	7.4	5.4	4.0	7.0	13.3	21.5	120.3	137.2	C	C	C	54.7	32.4	30.2	21.6	18.1	16.9	12.7	7.9	5.5	6.0	25.5	137.2
7	2.3	0.5	6.2	4.8	2.1	2.4	4.6	6.6	5.3	6.5	11.5	7.0	15.2	20.8	19.6	18.9	16.6	21.3	17.5	21.7	22.4	31.1	30.7	35.5	13.8	35.5
8	25.3	29.0	25.6	31.3	30.7	26.9	29.4	27.4	25.2	26.7	23.3	21.7	13.1	9.8	8.4	7.3	6.6	5.5	3.1	1.0	0.4	0.3	2.2	1.0	15.9	31.3
9	1.7	4.1	3.6	3.6	5.5	3.3	1.8	2.7	4.2	12.8	10.9	10.0	17.5	19.6	30.6	43.0	39.7	34.4	17.5	8.8	5.3	11.8	18.7	20.6	13.8	43.0
10	19.2	27.2	27.3	29.6	26.6	24.6	28.5	25.1	25.4	18.1	25.9	22.4	18.0	20.5	16.5	32.5	68.3	26.9	24.4	22.0	26.8	30.6	32.1	35.2	27.2	68.3
11	37.5	37.5	45.8	37.3	33.5	41.8	51.3	40.6	52.1	54.9	71.1	86.8	87.4	97.2	103.6	86.6	80.6	87.6	76.8	70.7	46.7	24.6	23.6	21.9	58.2	103.6
12	19.9	20.0	20.5	15.4	26.2	32.3	26.8	29.1	24.9	27.1	21.9	23.9	19.7	13.1	27.4	31.1	40.1	28.8	15.4	9.4	8.1	5.5	5.9	6.4	20.8	40.1
13	8.7	8.3	8.0	5.8	4.3	4.5	7.7	4.6	2.1	3.7	6.4	5.8	5.1	10.0	9.3	6.9	9.1	6.3	10.8	7.3	6.0	3.5	1.1	0.0	6.1	10.8
14	0.0	2.9	3.1	2.8	2.5	0.0	4.7	5.2	3.2	2.1	0.9	1.7	0.0	0.0	2.9	1.6	1.9	4.0	2.4	1.0	2.0	3.6	3.0	0.7	2.2	5.2
15	0.3	0.0	0.0	3.9	4.9	4.5	4.7	3.6	3.0	2.4	8.2	4.3	1.5	8.7	5.5	2.2	5.8	5.8	9.1	10.9	8.3	4.4	2.6	3.6	4.5	10.9
16	3.5	1.6	2.5	3.3	4.8	4.5	3.3	8.3	9.1	7.0	5.5	13.7	8.4	23.9	4.3	6.8	15.1	10.3	6.3	4.0	5.0	9.3	7.8	12.8	7.6	23.9
17	9.9	9.1	7.5	7.5	14.4	10.3	10.0	10.5	10.2	26.2	11.3	10.7	8.3	8.2	13.5	11.6	8.9	8.0	10.0	11.6	8.0	3.9	5.8	8.5	10.2	26.2
18	20.0	8.4	5.6	8.6	7.8	6.1	11.1	11.8	16.0	14.0	11.1	59.9	27.9	28.2	14.6	9.2	16.3	20.2	15.9	21.0	16.0	13.9	7.5	5.7	15.7	59.9
19	3.4	3.6	4.6	17.3	27.9	20.8	43.5	8.4	25.7	10.3	15.7	9.2	22.3	8.8	5.6	9.3	8.1	12.4	14.1	8.2	3.5	15.9	8.6	7.4	13.1	43.5
20	4.8	1.8	3.3	4.0	2.8	2.2	6.7	4.8	0.4	0.0	1.1	3.5	4.9	4.2	5.6	13.1	8.9	9.0	4.0	1.3	1.6	1.4	0.6	0.0	3.7	13.1
21	0.3	0.1	2.0	1.7	0.5	1.2	0.0	0.0	2.8	1.9	0.0	0.6	1.5	0.9	0.8	0.8	3.7	5.0	6.6	6.5	3.7	4.5	4.1	2.9	2.2	6.6
22	2.8	3.8	3.8	4.7	4.5	7.6	5.6	5.8	4.9	9.0	7.8	9.9	9.5	8.3	8.7	9.0	8.2	8.0	5.5	3.1	2.6	7.7	7.8	8.9	6.6	9.9
23	10.2	11.5	11.0	9.5	13.0	10.5	8.0	7.8	8.0	9.8	11.0	7.0	7.0	6.3	5.5	6.4	5.8	10.3	10.1	11.6	8.8	9.0	7.3	5.9	8.8	13.0
24	8.3	7.2	4.3	6.1	5.6	4.2	3.0	6.4	6.5	7.2	5.1	9.6	11.7	11.0	7.0	7.5	7.0	6.6	10.1	7.1	7.9	3.4	3.6	4.9	6.7	11.7
25	5.7	7.9	6.2	2.8	2.6	4.9	4.0	4.5	4.2	5.0	8.7	6.0	2.1	1.2	2.1	2.7	4.3	4.4	2.6	1.1	2.1	1.3	2.2	3.1	3.8	8.7
26	5.2	5.3	5.2	4.5	2.3	2.8	4.2	3.2	2.8	3.9	4.0	2.5	1.4	1.6	1.5	1.5	0.0	0.0	2.0	2.4	1.6	6.0	4.5	0.0	2.9	6.0
27	0.0	0.0	2.2	2.7	3.2	2.3	1.8	4.8	6.5	4.1	2.3	2.6	3.6	6.5	4.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.1	6.5
28	1.4	1.8	3.2	2.0	0.5	1.2	0.9	1.6	2.8	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.5	1.9	0.0	0.0	1.1	2.9	0.0	1.2	3.5
29	0.0	3.3	4.0	2.0	2.5	3.1	4.7	3.6	1.3	3.8	0.3	0.0	0.6	1.7	1.6	0.7	1.8	0.0	0.0	2.0	0.1	1.1	4.2	3.6	1.9	4.7
30	6.2	6.1	5.4	5.4	3.4	6.6	4.9	4.0	2.4	5.4	4.9	2.0	1.2	2.0	1.7	2.1	5.7	5.3	2.8	2.3	3.9	6.2	10.2	8.0	4.5	10.2
NO.	30	30	30	30	30	30	30	30	30	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30	717	100%
MEAN	7.0	7.2	7.8	7.9	8.5	8.8	9.9	9.0	9.9	13.7	14.3	11.6	10.3	11.2	12.4	12.2	14.7	12.4	10.3	9.2	7.7	7.8	7.3	7.0		
MAX	37.5	37.5	45.8	37.3	33.5	41.8	51.3	40.6	52.1	120.3	137.2	86.8	87.4	97.2	103.6	86.6	80.6	87.6	76.8	70.7	46.7	31.1	32.1	35.5		



Number of 24HR Exceedences	1		
Number of Non-Zero Readings	672		
Maximum 1-HR Average	137.2	UG/M3	
Maximum 24-HR Average	58.2	UG/M3	
		Opperational Time	720 HRS
Monthly Calibration	3	Opperational Uptime	100.0 %
Standard Deviation	14.7	Monthly Average	9.9 UG/M3

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

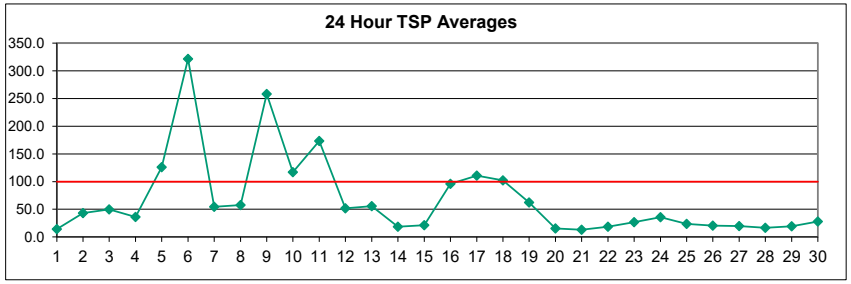
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	8.2	4.0	0.4	1.3	0.2	1.6	2.6	1.9	7.5	12.8	5.7	4.7	5.6	6.8	4.4	7.2	8.8	6.7	7.8	6.8	5.0	2.7	5.6	15.4	5.6	15.4
2	15.5	7.3	12.6	15.8	11.3	12.0	14.1	18.9	23.7	18.2	21.5	9.3	18.7	27.0	37.1	28.6	61.4	35.1	8.8	11.8	19.4	29.5	8.5	14.6	20.0	61.4
3	5.6	13.2	11.9	14.9	6.5	5.4	19.1	39.0	62.5	61.2	54.9	18.6	30.6	46.9	17.6	34.4	6.4	24.3	12.9	36.2	7.7	15.1	3.3	7.9	23.2	62.5
4	14.7	10.4	10.3	13.4	27.4	67.3	20.7	32.2	30.7	35.1	38.3	10.8	16.5	12.4	7.2	9.2	12.9	7.8	4.9	26.1	9.2	27.4	8.3	11.2	19.3	67.3
5	6.0	11.4	11.4	23.8	52.3	20.1	40.3	57.6	56.7	26.6	42.9	75.6	73.5	89.0	62.5	95.3	270.9	137.8	46.5	99.5	126.6	6.5	15.3	37.8	61.9	270.9
6	14.7	13.7	15.0	39.4	19.3	5.2	31.4	148.8	202.5	484.3	484.3	C	C	C	482.3	361.5	317.8	199.1	157.9	178.8	87.4	32.7	31.5	48.5	159.8	484.3
7	30.1	12.9	16.8	13.9	19.8	13.2	12.9	17.1	16.1	19.5	20.1	19.5	23.2	24.4	24.1	51.3	34.3	31.5	41.8	46.4	47.8	44.9	41.6	47.2	27.9	51.3
8	51.5	36.5	40.3	41.7	61.5	42.3	56.7	69.0	56.6	54.1	46.4	50.3	30.0	23.5	22.7	8.8	35.2	34.8	14.7	24.9	9.4	12.6	9.1	9.8	35.1	69.0
9	23.7	11.5	14.8	17.9	23.0	10.2	10.9	15.7	46.8	81.5	54.4	127.2	297.9	240.6	368.2	484.3	481.3	301.2	171.4	80.7	32.5	46.2	53.7	41.1	126.5	484.3
10	46.0	56.0	57.1	61.2	54.1	52.6	90.5	90.2	109.2	40.1	44.5	66.7	60.3	98.6	91.7	88.3	100.6	61.7	53.4	46.1	60.0	43.7	36.8	57.2	65.3	109.2
11	51.6	55.2	65.9	59.7	53.9	56.1	167.5	122.7	153.1	144.2	191.0	197.1	167.2	258.4	181.5	153.3	165.6	150.8	120.2	87.5	50.2	33.0	31.3	24.4	114.2	258.4
12	32.5	30.1	28.7	24.9	38.3	37.6	38.9	47.9	44.9	35.3	32.9	37.0	31.4	27.2	56.2	98.4	117.1	36.4	21.0	7.4	12.8	13.6	7.5	3.7	35.9	117.1
13	9.1	8.2	17.9	18.3	10.5	12.8	14.3	10.5	10.4	69.7	54.7	48.6	57.7	55.3	34.2	133.1	73.7	8.7	4.7	4.7	5.6	21.4	11.2	11.0	29.4	133.1
14	7.7	9.7	8.0	8.6	5.4	4.9	4.8	8.8	19.9	15.0	12.7	9.5	6.6	7.2	10.0	13.7	8.4	4.7	16.4	0.0	12.7	11.2	11.1	5.9	9.3	19.9
15	6.0	11.1	6.0	5.1	6.7	7.2	9.2	6.2	4.8	12.3	14.5	7.6	4.6	6.6	8.8	20.1	10.6	34.7	9.4	12.5	10.0	16.4	6.7	6.5	10.1	34.7
16	11.4	14.7	17.1	9.4	21.4	22.1	27.4	24.7	66.0	43.3	46.1	77.7	35.1	287.4	74.0	47.3	23.8	11.1	12.7	9.8	46.1	22.9	21.9	17.6	41.3	287.4
17	17.8	10.3	24.7	36.2	31.2	29.0	34.9	72.7	52.2	334.9	73.7	73.5	27.5	78.4	71.6	88.0	26.3	35.4	22.7	31.3	7.9	10.0	20.1	13.4	51.0	334.9
18	27.6	18.6	12.1	15.0	15.9	23.2	46.5	63.6	117.2	54.1	22.3	60.2	91.5	476.8	32.1	13.6	36.7	29.8	18.9	25.3	19.0	21.7	13.4	23.5	53.3	476.8
19	7.4	7.3	5.5	5.6	9.0	7.9	16.0	57.9	29.7	65.2	257.0	33.2	15.7	10.4	10.7	21.8	13.0	85.0	38.3	34.0	15.6	6.8	4.9	4.1	31.8	257.0
20	16.5	8.7	6.9	5.5	7.2	4.4	4.9	6.6	4.3	1.8	3.9	3.9	3.7	16.1	16.1	26.7	15.5	27.2	4.5	4.3	7.7	3.9	4.6	5.4	8.8	27.2
21	3.2	6.8	6.3	2.3	2.7	5.1	3.6	1.2	12.8	6.2	6.0	3.3	7.0	8.0	5.4	7.1	9.0	11.0	13.7	12.8	12.3	9.3	15.5	9.3	7.5	15.5
22	11.0	9.7	11.9	16.2	12.9	11.6	12.6	18.2	9.8	22.9	17.1	29.4	16.8	6.1	7.1	13.4	13.4	11.7	9.9	7.8	13.8	6.2	6.1	11.3	12.8	29.4
23	15.3	15.8	18.9	22.0	21.6	20.9	17.0	18.3	15.1	35.0	34.4	17.8	12.4	13.5	15.3	9.5	9.8	13.4	15.5	31.6	3.8	11.3	10.5	8.0	16.9	35.0
24	16.9	21.2	12.7	10.4	10.1	9.6	4.5	19.6	16.3	40.2	16.7	50.9	32.0	35.4	26.6	21.7	15.1	20.5	32.3	15.6	21.0	9.8	19.8	11.3	20.4	50.9
25	14.0	21.9	8.5	6.5	7.3	11.9	16.9	14.0	22.0	16.9	25.7	10.0	17.8	26.3	20.7	10.2	12.0	9.2	4.0	4.5	8.5	14.2	11.2	14.0	13.7	26.3
26	19.2	18.3	16.5	2.9	10.5	5.8	12.8	8.5	15.8	15.1	21.3	10.0	5.1	19.7	15.4	26.8	7.3	13.9	11.5	7.1	9.2	9.9	8.0	5.7	12.3	26.8
27	13.2	10.1	8.3	12.3	15.0	7.1	14.9	8.6	7.8	10.9	14.6	2.7	6.6	15.3	23.5	21.4	4.3	23.9	2.2	11.9	5.3	0.0	1.6	7.1	10.4	23.9
28	10.2	16.0	13.2	14.3	13.2	12.2	13.8	10.3	5.1	4.6	12.6	7.5	3.9	5.3	6.7	6.8	6.0	4.4	7.6	5.3	2.2	8.8	9.5	15.2	8.9	16.0
29	9.6	10.7	9.9	9.5	13.5	12.4	10.3	11.4	5.9	8.4	5.9	7.7	6.0	2.6	0.2	4.0	18.7	14.6	28.4	12.0	9.1	14.2	22.3	13.9	10.9	28.4
30	14.2	24.7	7.9	10.1	9.7	8.4	23.8	12.4	13.1	15.6	20.9	10.2	9.9	8.3	6.1	30.2	36.8	20.1	13.0	9.5	14.2	11.8	28.7	24.7	16.0	36.8
NO.	30	30	30	30	30	30	30	30	30	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30	717	100%
MEAN	17.7	16.9	16.6	17.9	19.7	18.0	26.5	34.5	41.3	59.5	56.6	37.3	38.4	66.7	58.0	64.5	65.1	46.9	30.9	29.7	23.1	17.2	16.0	17.6		
MAX	51.6	56.0	65.9	61.2	61.5	67.3	167.5	148.8	202.5	484.3	484.3	197.1	297.9	476.8	482.3	484.3	481.3	301.2	171.4	178.8	126.6	46.2	53.7	57.2		



Number of Non-Zero Readings	715		
Maximum 1-HR Average	484.3 UG/M3		
Maximum 24-HR Average	159.8 UG/M3		
		Opperational Time	720 HRS
Monthly Calibration	3	Opperational Uptime	100.0 %
Standard Deviation	61.9	Monthly Average	34.8 UG/M3

Lagoon TSP (µg/m^3) – June 2025

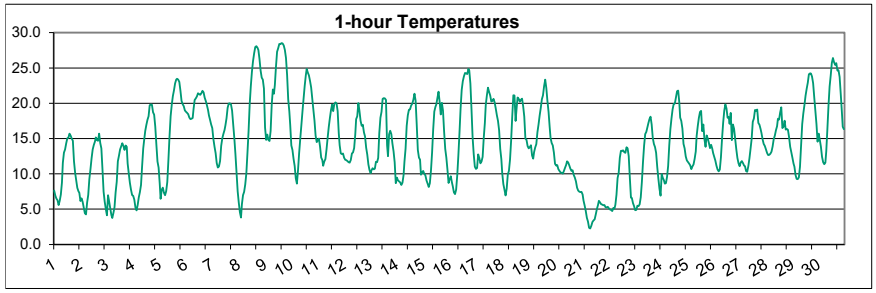
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	18.2	9.5	10.9	7.5	10.9	8.1	4.9	15.4	6.2	17.3	18.5	12.1	15.7	23.3	15.9	19.8	15.6	7.8	24.7	19.3	13.6	15.8	13.9	20.1	14.4	24.7
2	24.8	19.8	33.3	20.4	14.6	34.8	23.2	36.9	38.9	41.2	44.9	20.5	26.5	59.7	76.1	68.7	159.3	103.2	20.8	23.8	46.1	59.5	21.5	20.7	43.3	159.3
3	18.0	28.1	21.0	16.1	15.2	11.0	26.1	66.5	125.3	118.7	117.1	47.7	55.2	104.0	39.9	58.7	31.6	89.1	37.1	78.4	25.6	34.0	14.1	18.1	49.9	125.3
4	18.5	14.4	22.8	23.1	33.8	93.8	39.5	50.6	49.1	60.8	57.1	23.7	18.3	30.1	23.4	21.9	31.6	19.7	16.0	57.9	28.2	71.1	33.9	26.3	36.1	93.8
5	20.5	30.9	18.3	46.8	103.1	35.3	60.8	111.7	103.7	56.3	82.9	148.3	164.0	183.6	121.7	188.0	556.0	268.7	89.5	194.5	263.8	24.8	43.9	107.5	126.0	556.0
6	30.6	41.2	38.8	78.3	21.8	34.2	62.7	273.4	409.8	1006.0	1006.0	C	C	C	1001.2	714.8	627.3	381.3	281.7	349.2	174.5	80.9	59.2	82.3	321.7	1006.0
7	52.8	32.9	39.0	35.5	76.7	28.3	35.1	39.4	42.4	33.2	43.2	38.6	42.1	40.6	41.6	86.8	55.0	61.7	77.2	90.8	92.0	76.2	71.8	79.4	54.7	92.0
8	88.1	63.3	57.2	62.1	87.8	74.0	74.6	93.7	80.4	71.6	63.9	76.2	45.4	36.8	33.2	28.3	74.2	73.5	33.0	57.3	22.7	22.2	28.7	30.7	57.4	93.7
9	47.8	32.4	36.3	31.5	41.1	31.8	31.5	41.3	127.6	168.1	124.6	274.4	601.4	455.7	729.7	994.2	999.5	608.6	340.3	155.8	74.9	87.5	86.1	72.3	258.1	999.5
10	75.6	104.1	88.3	90.2	73.4	84.7	159.3	181.0	170.5	62.5	80.8	109.4	121.6	190.6	177.8	221.3	216.3	134.8	82.5	79.4	87.4	65.1	61.4	90.7	117.0	221.3
11	70.9	95.0	96.1	102.7	84.9	84.4	241.5	174.9	224.9	227.4	300.3	280.6	242.2	449.4	273.2	225.6	295.8	216.3	169.3	129.0	66.3	43.1	32.3	32.3	173.3	449.4
12	45.8	30.5	36.0	32.1	48.1	44.3	39.0	67.3	58.2	46.3	43.9	50.7	38.8	51.0	104.0	146.1	180.3	49.0	31.2	21.6	24.5	25.0	14.7	12.8	51.7	180.3
13	16.9	21.0	33.0	25.4	19.8	20.7	28.3	21.3	24.6	134.1	96.1	104.7	114.1	105.3	73.3	254.2	124.0	10.8	14.9	4.9	10.6	34.2	27.8	18.1	55.8	254.2
14	16.7	18.3	16.3	23.9	16.6	13.4	8.8	16.7	21.1	23.0	21.9	14.4	24.4	20.5	19.6	32.9	20.9	11.3	27.8	21.1	21.3	17.0	9.2	8.2	18.5	32.9
15	5.2	10.8	17.7	9.1	13.5	10.8	13.8	14.6	15.9	18.0	29.5	8.6	16.4	21.3	19.5	41.5	28.2	88.2	26.2	30.9	21.4	22.6	10.9	19.4	21.4	88.2
16	19.7	27.5	28.8	22.9	30.1	22.0	49.2	44.2	141.4	65.8	102.5	197.8	80.0	798.2	217.1	140.8	40.1	26.4	25.7	30.3	81.5	48.1	33.2	29.6	96.0	798.2
17	27.4	39.3	50.9	68.3	72.6	51.8	61.4	141.6	104.9	886.6	155.9	136.9	62.1	173.4	132.9	152.9	58.1	70.2	43.0	65.7	22.0	20.8	30.5	26.1	110.6	886.6
18	45.8	44.7	24.3	30.6	41.4	30.1	86.6	109.8	212.5	81.1	35.8	107.2	174.8	931.3	63.0	39.3	64.0	54.9	43.5	53.0	43.6	73.4	26.9	38.1	102.3	931.3
19	21.7	17.8	16.0	23.4	15.8	12.5	28.1	92.6	58.6	133.2	524.0	65.8	29.1	22.0	17.6	44.3	33.5	161.0	61.2	47.8	31.3	15.0	10.3	11.0	62.2	524.0
20	23.5	23.5	10.1	12.2	6.9	11.5	11.1	14.1	19.4	9.6	17.3	13.5	9.5	24.8	24.6	32.4	19.3	35.9	7.5	7.4	11.0	7.5	8.8	11.7	15.5	35.9
21	9.0	11.6	15.3	12.0	12.2	10.0	10.5	10.9	6.6	9.2	11.0	10.8	12.3	14.2	11.1	16.5	9.9	17.8	15.5	24.3	17.3	15.6	17.1	15.3	13.2	24.3
22	12.4	22.2	19.7	14.2	11.7	9.0	25.3	33.8	17.0	26.0	17.7	40.8	12.4	21.3	17.6	18.4	25.2	12.2	11.3	12.8	17.2	18.2	11.8	15.4	18.5	40.8
23	23.1	17.1	32.0	26.5	29.9	30.7	16.0	26.6	23.3	38.4	39.4	28.5	19.4	24.8	29.6	25.2	28.4	39.9	32.2	40.1	13.7	22.2	19.3	18.9	26.9	40.1
24	24.3	30.9	20.0	17.3	16.2	20.3	16.7	19.7	38.8	53.6	22.1	125.0	55.2	74.6	44.8	31.9	18.5	28.6	64.0	24.0	40.4	16.0	24.5	26.4	35.6	125.0
25	21.9	41.1	12.5	11.4	5.9	15.4	21.5	16.9	31.3	25.9	40.0	19.7	27.4	53.2	47.5	25.6	21.0	17.6	12.1	15.9	22.6	17.1	15.8	24.8	23.5	53.2
26	27.6	33.8	18.0	8.8	15.5	8.0	8.3	11.0	23.6	17.7	37.3	17.3	18.4	24.4	34.5	58.2	11.8	19.8	19.2	13.1	15.9	19.9	10.7	19.6	20.5	58.2
27	18.7	22.2	16.3	16.4	31.3	12.1	16.7	10.1	14.7	8.5	20.9	9.2	7.6	28.6	40.1	55.5	16.7	49.1	19.5	31.1	4.4	5.2	3.2	12.2	19.6	55.5
28	23.3	35.9	26.7	27.5	19.8	16.3	25.8	15.4	5.3	6.9	14.5	9.2	9.6	18.1	15.2	10.1	26.1	8.1	13.6	13.7	7.0	21.1	7.1	22.5	16.6	35.9
29	9.8	29.0	17.1	6.1	7.5	8.3	9.0	10.4	7.7	18.7	12.2	23.2	6.6	8.5	12.6	17.3	45.7	26.7	56.4	23.2	9.2	22.9	46.7	27.1	19.2	56.4
30	21.8	48.0	24.3	27.4	12.7	8.2	29.2	19.5	17.5	27.4	22.5	23.8	16.8	14.3	20.6	54.6	69.9	37.6	23.1	16.8	27.1	36.4	39.0	34.3	28.0	69.9
NO.	30	30	30	30	30	30	30	30	30	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30	717	100%
MEAN	29.3	33.2	29.9	31.0	33.0	29.2	42.2	59.4	74.0	116.4	106.8	70.3	71.3	138.1	116.0	127.5	130.1	91.0	57.3	57.8	44.6	34.6	27.8	32.4		
MAX	88.1	104.1	96.1	102.7	103.1	93.8	241.5	273.4	409.8	1006.0	1006.0	280.6	601.4	931.3	1001.2	994.2	999.5	608.6	340.3	349.2	263.8	87.5	86.1	107.5		



Number of 24HR Exceedences	7		
Number of Non-Zero Readings	717		
Maximum 1-HR Average	####	UG/M3	
Maximum 24-HR Average	321.7	UG/M3	
		Opperational Time	720 HRS
Monthly Calibration	3	Opperational Uptime	100.0 %
Standard Deviation	125.6	Monthly Average	65.9 UG/M3

Lagoon Temperature (°C) – June 2025

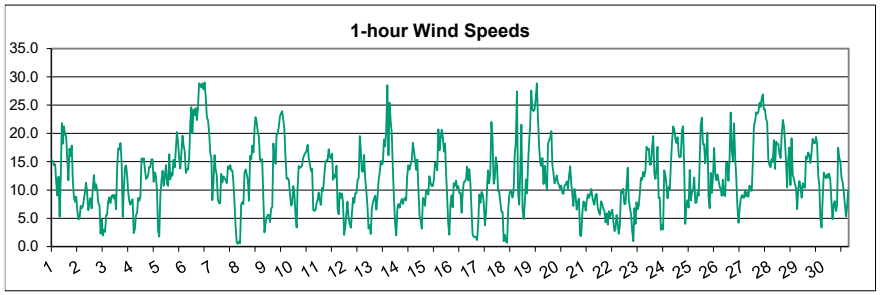
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	7.6	6.9	6.5	6.3	5.6	6.2	7.1	8.8	11.5	13.0	13.4	14.3	15.0	15.1	15.7	15.4	15.0	14.7	11.8	10.2	9.1	8.0	7.6	7.3	10.5	15.7
2	6.1	6.5	6.0	5.2	4.4	4.3	5.9	7.0	9.2	10.6	12.2	13.5	14.1	14.6	15.2	14.8	14.7	15.7	14.4	13.6	10.6	7.5	6.0	5.0	9.9	15.7
3	4.1	7.0	6.1	5.1	4.2	3.8	4.4	5.3	7.4	8.9	11.8	12.6	13.5	13.9	14.3	13.9	13.4	14.0	13.8	11.5	10.1	8.8	7.8	7.0	9.3	14.3
4	6.9	6.3	5.2	4.8	5.6	6.7	7.4	8.4	11.1	13.6	14.8	16.1	16.9	17.6	18.1	19.7	19.8	19.8	18.7	18.4	16.7	14.1	11.8	10.9	12.9	19.8
5	8.6	6.5	7.8	8.0	7.3	7.0	7.5	8.8	11.9	15.3	18.2	19.8	21.0	21.8	22.8	23.4	23.5	23.3	23.0	21.8	20.3	19.9	19.6	19.0	16.1	23.5
6	18.8	18.6	18.5	18.0	17.8	17.8	17.9	19.2	20.5	20.7	21.0	21.4	21.3	21.2	21.4	21.8	21.5	20.8	20.3	19.7	19.0	18.3	17.6	17.0	19.6	21.8
7	16.5	14.9	13.9	13.0	11.5	10.9	11.1	11.8	14.0	15.0	15.7	16.2	16.9	17.9	19.4	20.0	20.0	19.8	18.9	17.0	15.1	12.8	10.2	7.5	15.0	20.0
8	5.9	4.6	3.8	5.7	7.0	7.5	8.5	10.1	13.0	16.0	19.8	22.4	24.4	26.0	27.1	28.0	28.1	27.9	27.6	26.3	24.6	23.6	23.3	22.1	18.0	28.1
9	16.5	14.8	15.6	14.8	14.6	16.1	19.8	22.0	21.3	22.6	25.2	27.3	27.8	28.4	28.4	28.5	28.5	28.2	27.5	26.4	24.0	20.5	18.8	16.9	22.3	28.5
10	14.0	13.4	12.1	11.1	9.4	8.6	10.5	12.9	14.9	16.8	18.8	20.7	22.5	23.9	24.8	24.3	23.9	23.1	22.2	20.7	19.1	17.5	15.4	14.5	17.3	24.8
11	14.8	15.0	13.8	12.3	12.0	11.2	11.8	12.1	13.5	15.1	16.6	17.9	19.0	19.8	18.9	19.9	20.1	20.0	18.9	15.8	14.0	12.9	12.8	12.9	15.5	20.1
12	12.3	12.0	11.9	11.8	11.7	11.6	12.0	12.9	13.0	13.6	15.5	17.8	18.1	20.0	18.9	17.5	16.8	16.9	15.9	15.3	13.7	12.7	11.3	10.6	14.3	20.0
13	10.1	10.5	10.8	10.7	10.7	11.7	11.7	12.3	15.8	17.9	18.8	20.6	20.7	20.7	20.5	14.1	12.5	15.6	16.1	15.6	14.3	13.2	11.7	8.7	14.4	20.7
14	9.5	9.1	8.9	8.8	8.4	8.7	9.8	11.7	13.6	16.8	18.3	19.1	19.1	19.7	19.9	20.5	21.3	20.4	17.0	13.4	12.3	12.0	9.9	10.2	14.1	21.3
15	10.4	10.0	9.8	9.1	8.6	8.1	8.7	10.5	13.0	16.3	18.8	19.5	19.8	20.8	21.6	20.2	18.4	20.1	19.0	16.0	13.5	12.3	10.6	8.7	14.3	21.6
16	9.3	9.7	8.8	8.2	7.4	7.1	7.7	9.8	12.6	15.8	19.3	21.9	23.1	23.8	24.3	24.2	24.1	24.9	24.7	22.8	19.1	15.1	12.8	11.0	16.1	24.9
17	10.7	10.8	12.8	12.3	11.5	11.7	12.4	15.1	17.2	19.7	21.1	22.2	21.6	21.1	20.2	20.3	20.6	20.1	19.2	18.3	17.5	16.2	13.5	12.1	16.6	22.2
18	10.1	8.5	7.8	6.9	7.9	9.9	10.4	12.0	14.7	18.2	21.1	21.1	17.5	19.5	20.8	20.6	20.2	20.5	20.7	19.6	18.1	15.0	14.8	13.9	15.4	21.1
19	13.6	13.8	14.0	12.6	12.2	13.1	13.7	14.2	15.9	17.0	18.2	19.3	20.6	21.1	22.4	23.3	22.1	20.3	18.8	16.6	15.1	14.4	14.0	13.0	16.6	23.3
20	11.4	11.2	11.2	10.7	10.4	10.2	10.1	10.0	10.4	10.8	11.3	11.8	11.6	11.2	10.7	10.4	10.5	9.8	9.5	8.9	8.1	7.6	7.5	7.4	10.1	11.8
21	7.4	7.1	6.2	5.5	4.8	3.8	3.3	2.3	2.3	2.6	3.2	3.4	3.5	4.3	5.0	5.6	6.2	5.9	5.7	5.6	5.6	5.6	5.3	5.2	4.8	7.4
22	5.3	5.1	4.9	4.9	4.7	5.2	5.1	5.6	7.0	9.4	10.2	12.3	13.3	13.3	13.3	13.1	13.0	13.8	13.6	12.5	9.4	6.6	6.6	5.9	8.9	13.8
23	5.4	4.9	4.9	5.5	5.4	5.7	6.7	8.8	11.7	14.0	15.6	15.9	16.6	17.2	17.8	18.1	17.0	15.1	14.2	13.8	13.0	11.0	9.3	7.9	11.5	18.1
24	6.9	10.0	9.4	9.1	8.6	8.7	9.6	11.1	14.1	16.3	17.8	19.1	19.9	20.0	20.8	21.7	21.8	20.2	18.0	17.5	16.4	14.2	13.6	12.5	14.9	21.8
25	11.9	11.7	11.5	11.2	10.7	11.0	11.3	12.1	13.2	15.4	16.8	17.9	18.8	18.9	16.1	17.0	14.9	13.8	15.4	15.0	14.4	13.6	14.1	13.6	14.2	18.9
26	12.9	12.4	11.9	11.1	10.6	10.4	10.6	12.3	15.0	17.3	18.9	19.8	19.3	17.9	18.0	17.1	18.6	14.8	17.0	16.4	15.0	13.5	12.3	11.5	14.8	19.8
27	11.1	11.6	11.8	11.5	11.2	11.1	10.4	10.3	11.1	12.2	13.5	15.0	17.4	17.8	19.0	18.9	19.1	17.2	16.9	16.3	15.8	14.9	14.3	14.0	14.3	19.1
28	13.5	13.0	12.7	12.7	12.8	13.1	13.9	14.9	15.4	16.2	16.7	17.8	17.7	18.7	19.4	16.5	16.7	17.5	16.3	16.4	16.2	15.2	13.8	13.1	15.4	19.4
29	12.3	11.5	11.0	9.9	9.3	9.3	9.5	11.0	14.1	17.0	18.6	19.8	21.1	22.0	22.9	24.1	24.2	24.2	23.8	22.9	20.9	19.0	17.1	14.6	17.1	24.2
30	15.7	14.8	13.8	12.4	11.7	11.4	11.6	13.2	16.3	19.6	22.4	24.0	25.7	26.4	25.8	25.4	25.7	24.6	24.7	23.7	21.3	18.8	16.7	16.3	19.3	26.4
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	10.7	10.4	10.1	9.6	9.3	9.4	10.0	11.2	13.2	15.1	16.8	18.0	18.6	19.1	19.5	19.3	19.1	18.8	18.1	16.9	15.4	13.8	12.7	11.7		
MAX	18.8	18.6	18.5	18.0	17.8	17.8	19.8	22.0	21.3	22.6	25.2	27.3	27.8	28.4	28.4	28.5	28.5	28.2	27.6	26.4	24.6	23.6	23.3	22.1		



Number of Non-Zero Readings	720		
Maximum 1-HR Average	28.5 C		
Maximum 24-HR Average	22.3 C		
		Opperational Time	720 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	5.62	Monthly Average	14.4 C

Lagoon Wind Speed (km/hr) – June 2025

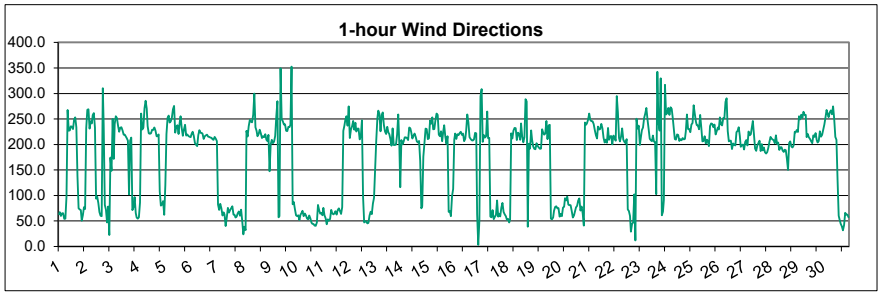
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	15.3	15.1	14.3	14.5	11.2	9.0	12.3	5.3	12.4	21.8	18.2	21.3	19.8	19.5	15.6	11.7	17.3	16.0	17.9	11.6	8.7	7.9	8.8	6.4	13.8	21.8
2	4.8	5.0	7.2	6.8	7.1	8.6	9.6	11.3	9.5	6.4	7.7	8.6	6.7	10.1	12.6	10.2	11.0	10.0	7.6	7.3	2.3	4.8	1.9	3.0	7.5	12.6
3	2.6	5.6	5.6	8.0	8.7	7.7	8.9	9.2	8.5	9.1	6.6	14.0	17.4	17.2	18.3	14.8	5.3	10.3	14.0	14.3	12.3	9.8	8.0	7.4	10.1	18.3
4	8.0	8.4	2.4	3.0	5.6	5.9	8.6	8.1	8.9	15.6	15.0	15.6	13.7	12.0	12.2	12.8	14.1	14.0	15.4	15.4	11.4	13.1	12.6	9.8	10.9	15.6
5	2.8	1.8	9.0	11.7	13.4	10.7	12.3	14.4	11.0	10.7	16.3	11.9	13.0	12.5	15.3	14.0	17.1	20.2	18.4	15.6	13.8	16.5	19.6	17.8	13.3	20.2
6	16.8	13.0	13.7	13.6	16.1	21.9	24.6	20.0	24.2	23.2	24.5	22.3	24.6	28.9	28.6	28.1	28.8	27.8	29.0	26.2	22.8	22.3	20.1	16.5	22.4	29.0
7	15.7	8.2	11.1	16.2	13.6	12.6	8.3	7.7	7.6	12.8	11.4	12.4	12.0	11.7	11.2	14.2	13.7	14.4	13.4	13.4	11.5	8.0	3.7	0.8	11.1	16.2
8	0.5	0.9	0.6	7.5	7.9	7.5	13.0	13.6	12.8	11.7	8.1	16.0	15.4	17.9	16.6	21.0	22.8	22.1	20.3	19.5	15.4	15.0	15.5	8.5	12.9	22.8
9	2.5	4.1	5.2	5.6	5.6	4.3	6.8	6.9	18.2	15.4	14.6	19.8	20.0	21.1	23.0	23.5	23.9	22.5	20.8	15.8	11.9	12.1	11.7	9.3	13.5	23.9
10	7.2	7.6	10.7	9.2	5.5	3.4	10.3	14.3	13.9	14.0	14.3	15.7	16.1	16.6	16.9	18.0	15.7	14.6	13.4	13.8	6.5	6.3	6.5	7.7	11.6	18.0
11	8.3	9.5	8.2	7.4	10.4	9.9	12.4	14.7	15.2	15.3	17.2	15.8	15.6	16.4	11.8	12.7	12.2	14.3	6.6	5.7	9.5	8.6	9.4	7.8	11.4	17.2
12	2.0	3.4	5.8	7.9	5.0	4.0	3.3	6.0	8.6	7.7	9.4	9.4	11.8	12.1	19.5	17.3	13.4	13.2	16.2	12.1	9.9	7.3	3.2	3.8	8.9	19.5
13	2.2	6.8	7.8	8.5	9.0	6.5	8.7	11.6	13.1	15.1	14.5	14.8	18.9	17.7	20.3	28.5	16.1	25.4	22.1	19.9	13.2	8.2	3.9	2.0	13.1	28.5
14	6.8	7.5	6.9	7.8	8.4	7.5	8.3	8.6	8.2	12.6	14.4	13.6	14.6	15.1	18.3	17.0	15.1	13.5	15.4	9.8	5.4	4.6	3.2	8.6	10.5	18.3
15	8.4	7.2	9.8	10.0	9.2	12.4	11.3	10.7	10.7	11.8	14.8	14.5	13.5	20.7	17.0	19.0	20.6	19.2	16.8	18.2	13.4	9.1	4.1	2.1	12.7	20.7
16	7.3	9.1	6.9	11.2	10.7	11.6	10.2	10.7	9.4	9.5	6.0	9.8	11.4	11.5	12.1	14.2	11.7	13.7	11.2	6.6	2.1	1.7	1.8	1.6	8.8	14.2
17	1.1	3.9	9.2	7.7	9.7	9.3	7.6	3.7	5.9	10.9	13.5	11.2	13.2	22.0	19.0	11.1	12.1	15.8	14.2	9.8	9.7	7.7	6.2	6.1	10.0	22.0
18	1.0	2.1	0.9	0.7	6.5	8.7	9.9	9.9	8.6	9.6	16.0	18.4	27.4	9.8	7.4	13.6	21.6	6.7	4.9	7.6	11.9	9.4	15.0	18.9	10.3	27.4
19	21.2	27.6	24.2	23.9	24.2	26.2	28.8	22.6	17.8	14.8	14.2	15.6	11.1	14.3	11.7	10.0	18.2	18.7	19.3	20.4	14.5	13.1	11.2	11.7	18.1	28.8
20	12.5	11.3	10.9	10.2	10.8	9.4	9.3	10.8	11.0	11.5	10.2	12.6	14.2	11.0	9.0	7.2	10.2	8.9	6.5	7.9	8.5	2.0	1.9	5.8	9.3	14.2
21	8.0	7.8	6.3	8.0	9.2	8.6	9.2	10.2	8.8	7.8	7.4	9.1	9.3	6.9	6.1	5.6	8.0	7.5	6.6	6.3	4.3	5.9	3.9	6.3	7.4	10.2
22	5.2	6.1	6.6	4.4	2.7	3.0	5.6	4.2	2.3	3.9	9.7	9.5	10.2	7.5	7.6	10.9	13.9	8.2	6.8	5.7	2.7	0.9	6.8	4.0	6.2	13.9
23	7.8	6.6	7.2	9.4	12.1	11.8	13.2	12.4	13.5	17.6	17.1	17.3	14.5	14.5	17.7	19.5	12.9	12.0	14.0	17.6	8.6	8.6	2.9	3.9	12.2	19.5
24	3.1	13.5	12.7	10.9	8.5	10.5	10.2	14.8	18.6	21.2	20.7	19.0	18.3	19.3	16.2	15.7	15.9	20.4	21.3	14.6	4.0	7.2	8.2	6.9	13.8	21.3
25	13.6	8.2	9.6	9.9	12.2	7.7	7.8	9.6	9.0	15.9	21.5	22.8	18.1	18.1	14.7	16.9	20.1	8.8	6.8	13.0	9.5	12.4	17.4	12.8	13.2	22.8
26	11.7	12.8	11.6	10.6	10.0	8.9	11.8	9.1	8.9	14.8	14.8	11.6	15.6	23.7	16.8	15.2	21.8	15.6	12.1	7.1	4.2	6.7	8.4	9.1	12.2	23.7
27	8.7	8.6	9.9	8.9	9.6	8.8	10.8	10.0	9.8	14.9	21.4	22.1	23.7	23.5	23.9	25.4	24.7	26.3	26.9	24.2	24.3	22.6	22.0	15.4	17.8	26.9
28	14.4	14.0	15.5	14.9	18.8	13.7	18.5	18.1	18.1	16.3	15.6	19.7	22.4	21.2	18.9	15.2	10.5	15.4	17.5	10.9	19.1	12.7	12.0	11.1	16.0	22.4
29	10.3	6.6	10.3	11.6	10.5	8.6	11.2	10.6	10.4	15.9	15.5	16.6	16.2	14.8	16.5	19.1	18.4	18.2	19.4	18.1	12.7	10.7	4.8	3.4	12.9	19.4
30	8.6	13.1	12.4	12.1	12.8	12.1	12.9	11.7	8.1	4.8	7.5	8.1	6.3	7.2	17.5	15.7	15.1	12.1	11.4	9.7	7.5	5.3	7.0	10.0	10.4	17.5
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	7.9	8.5	9.1	9.7	10.2	9.7	11.2	11.0	11.4	13.1	13.9	15.0	15.5	15.8	15.7	15.9	16.1	15.5	14.9	13.3	10.4	9.4	8.7	7.9		
MAX	21.2	27.6	24.2	23.9	24.2	26.2	28.8	22.6	24.2	23.2	24.5	22.8	27.4	28.9	28.6	28.5	28.8	27.8	29.0	26.2	24.3	22.6	22.0	18.9		



Number of Non-Zero Readings	720		
Maximum 1-HR Average	29.0 KM/HR		
Maximum 24-HR Average	22.4 KM/HR		
		Opperational Time	720 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	5.76	Monthly Average	12.1 KM/HR

Lagoon Wind Direction (°) – June 2025

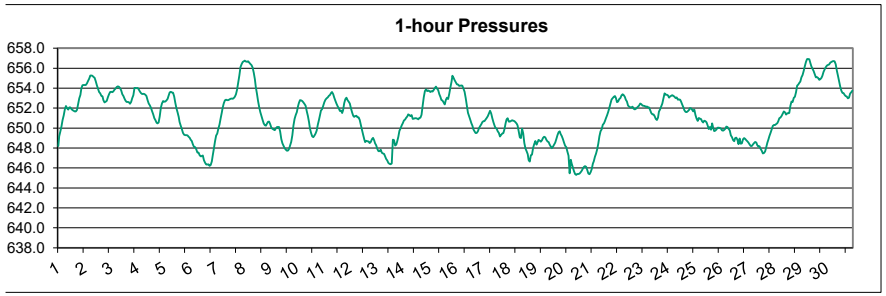
	HOUR																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	63.3	67.1	59.6	64.8	65.1	53.9	54.5	97.5	267.8	227.3	227.6	235.5	235.1	230.2	248.6	253.3	233.6	137.1	74.5	72.6	71.3	50.4	61.0	76.8	142.5	267.8
2	73.6	231.9	268.1	269.0	231.2	245.7	241.0	257.4	261.3	232.9	93.5	97.6	85.2	67.2	60.1	59.5	310.4	236.6	81.3	71.9	46.8	78.4	22.5	174.1	243.9	310.4
3	148.4	250.0	171.4	239.9	255.5	251.7	236.8	225.0	233.0	233.9	227.5	219.0	219.4	216.0	212.0	207.1	102.2	207.2	213.6	71.1	77.1	96.6	65.6	56.8	207.9	255.5
4	54.4	56.9	86.0	260.8	229.2	232.7	270.6	285.8	270.4	235.7	221.9	221.0	221.7	228.8	228.4	233.2	227.3	216.2	215.9	219.7	107.6	80.2	82.2	88.9	218.2	285.8
5	61.8	119.9	220.7	252.4	256.6	242.9	245.2	252.0	269.0	275.5	223.3	234.4	237.6	220.4	242.9	255.3	232.5	217.0	229.5	238.7	217.4	219.7	216.7	215.1	234.6	275.5
6	214.3	220.5	224.8	216.5	203.0	199.4	196.7	218.1	227.8	222.9	222.7	220.9	211.0	215.9	217.8	219.2	215.3	214.7	213.5	212.8	209.8	209.2	214.8	211.2	214.7	227.8
7	206.6	82.2	71.5	83.5	74.6	60.4	66.8	63.0	40.0	56.2	75.8	66.5	71.3	75.1	78.8	62.4	61.9	56.5	58.6	65.0	68.7	60.1	72.2	50.0	69.5	206.6
8	23.6	38.5	32.0	226.8	215.8	235.9	248.4	244.8	243.5	258.6	299.6	233.6	226.5	216.0	220.0	228.8	221.8	212.5	216.0	214.3	220.0	209.2	206.4	218.9	225.9	299.6
9	147.4	200.2	209.0	202.5	205.6	216.6	255.0	284.9	56.9	59.3	349.4	249.8	245.7	239.0	239.5	226.8	226.2	234.4	234.1	238.5	352.6	82.6	87.2	73.2	237.4	352.6
10	61.2	59.2	61.1	51.6	62.2	65.1	69.9	59.2	64.6	61.1	54.9	53.1	60.8	55.1	46.5	44.2	43.8	40.8	40.5	46.8	81.3	71.3	64.0	65.8	55.2	81.3
11	61.0	75.4	61.0	55.5	43.3	53.0	50.4	53.9	71.6	64.6	62.7	64.5	69.0	62.4	71.2	74.9	69.5	63.5	76.9	226.5	237.1	248.3	255.4	236.7	63.8	255.4
12	274.8	212.4	229.2	235.6	246.0	228.9	242.5	225.2	231.2	231.2	210.0	215.1	247.3	98.3	47.0	49.6	48.6	45.3	45.9	60.7	68.2	63.4	84.0	95.6	72.2	274.8
13	152.3	208.4	251.9	266.4	260.3	225.8	257.7	262.6	238.1	225.3	220.5	234.6	223.7	220.5	210.6	197.5	231.4	198.7	199.0	199.8	219.5	258.8	197.9	116.1	220.7	266.4
14	208.6	200.1	205.4	213.8	213.8	212.4	208.4	233.1	231.3	224.1	211.9	217.0	221.3	214.9	206.0	203.6	207.0	167.5	74.9	78.7	176.0	203.0	230.9	230.0	205.4	233.1
15	210.3	212.3	246.9	240.7	252.9	229.8	230.3	247.6	260.8	257.8	219.1	216.2	225.9	206.3	226.3	237.8	215.5	201.4	216.3	67.5	69.5	59.1	98.7	112.8	221.3	260.8
16	209.4	221.6	210.8	220.1	218.4	222.1	225.1	218.7	221.5	206.3	211.4	226.7	258.7	243.5	214.3	210.7	208.2	207.9	209.9	222.5	221.7	62.7	3.1	50.8	219.5	258.7
17	294.1	308.5	205.2	218.4	213.6	216.1	264.4	212.2	213.1	58.6	56.9	71.0	53.7	57.9	61.3	90.3	58.5	64.2	58.8	76.2	85.2	67.6	62.9	59.4	71.6	308.5
18	52.4	54.2	47.1	52.7	221.7	211.6	227.1	232.5	231.8	208.8	223.1	220.4	209.1	241.1	215.8	204.1	214.3	288.7	284.4	38.5	201.6	192.0	227.4	209.3	218.7	288.7
19	196.3	191.3	190.5	202.6	197.3	193.9	191.6	191.9	229.7	224.1	219.1	221.5	245.9	210.2	237.3	238.7	54.3	53.1	56.8	69.7	77.4	78.8	74.8	75.3	183.6	245.9
20	58.3	63.9	59.4	75.9	78.0	94.5	90.2	97.5	81.9	80.7	80.9	69.5	56.8	60.6	69.6	76.4	79.4	90.1	93.9	70.3	78.1	64.7	40.6	243.0	75.3	243.0
21	238.6	241.8	248.9	260.7	247.6	245.4	245.5	239.8	227.9	217.8	211.8	235.1	229.1	230.3	240.5	231.5	213.2	203.8	209.7	203.2	232.6	209.1	215.6	216.6	230.3	260.7
22	200.3	217.4	213.6	207.5	294.8	262.8	212.4	206.1	215.2	231.5	209.5	205.2	202.5	210.5	72.6	69.4	59.7	28.9	43.8	47.0	102.2	11.9	250.5	231.0	189.7	294.8
23	236.6	198.7	215.6	228.2	233.3	251.8	260.5	271.4	249.0	230.7	211.4	208.0	206.4	217.4	205.6	204.7	102.5	342.7	243.1	227.1	329.6	61.1	68.0	91.2	227.1	342.7
24	316.9	258.8	261.6	271.4	258.1	272.7	269.7	251.1	228.1	210.4	209.4	219.8	218.9	206.7	210.5	208.2	212.7	209.9	211.0	225.6	259.0	230.1	230.4	224.2	227.6	316.9
25	239.1	242.0	276.8	260.1	244.7	237.6	237.1	229.6	258.1	233.1	206.0	206.7	216.0	202.1	209.4	206.4	196.8	236.0	241.0	240.3	233.8	238.9	219.7	226.3	225.3	276.8
26	233.1	229.1	253.2	239.3	237.1	251.6	251.3	283.3	290.7	226.4	206.1	207.1	207.1	191.2	202.2	199.5	198.0	224.2	226.8	233.7	216.6	195.4	198.5	199.6	220.4	290.7
27	190.1	205.3	208.8	198.2	225.2	217.7	220.1	232.1	246.1	219.8	191.8	187.3	198.0	203.0	207.3	187.1	200.8	188.2	194.0	184.7	182.1	184.7	193.1	205.3	198.5	246.1
28	214.6	211.3	209.5	208.3	202.5	218.0	201.0	203.9	189.3	194.5	194.5	187.9	185.2	189.6	188.9	171.5	150.0	202.8	205.8	196.0	194.1	197.9	224.8	223.8	198.1	224.8
29	228.4	224.5	255.2	249.2	258.6	252.3	264.3	257.9	258.0	214.4	220.4	213.7	210.9	206.2	202.3	218.0	214.9	222.2	208.4	203.6	207.0	225.9	215.2	218.7	223.6	264.3
30	228.8	239.1	252.7	267.6	259.2	253.7	262.9	266.8	259.1	274.5	250.0	214.8	208.9	130.0	60.2	52.9	44.5	39.5	31.6	41.7	65.8	62.2	62.2	57.2	311.2	274.5
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	170.0	178.1	183.6	201.3	206.8	205.2	209.9	213.5	212.2	196.6	194.1	189.1	190.3	178.9	171.8	170.8	161.8	168.4	157.0	145.5	163.7	135.8	141.5	151.8		
MAX	316.9	308.5	276.8	271.4	294.8	272.7	270.6	285.8	290.7	275.5	349.4	249.8	258.7	243.5	248.6	255.3	310.4	342.7	284.4	240.3	352.6	258.8	255.4	243.0		



Number of Non-Zero Readings	720		
Maximum 1-HR Average	353 degrees		
Maximum 24-HR Average	311 degrees		
		Opperational Time	720 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	76.8	Monthly Average	179.1 degrees

Lagoon Pressure (mmHg) – June 2025

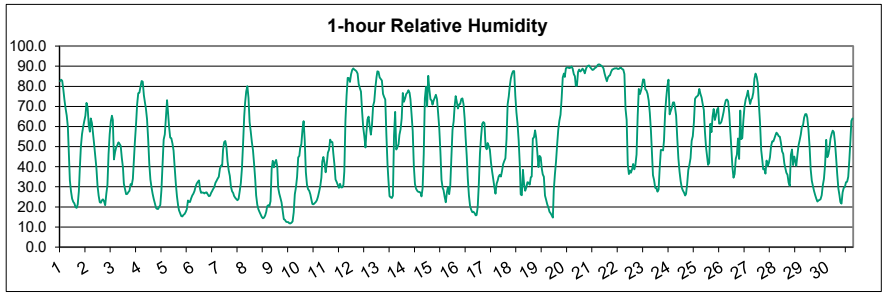
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	648.2	649.2	649.7	650.1	650.8	651.3	651.9	652.2	652.0	651.9	652.1	652.1	651.9	651.8	651.7	651.7	651.7	651.8	652.4	653.0	653.3	653.9	654.3	654.3	651.8	654.3
2	654.3	654.3	654.5	654.7	654.9	655.3	655.3	655.2	655.1	655.0	654.7	654.3	654.0	653.6	653.5	653.2	653.2	652.8	652.6	652.6	652.7	653.1	653.4	653.6	654.0	655.3
3	653.6	653.6	653.7	653.8	654.0	654.1	654.2	654.1	654.0	653.8	653.4	653.2	652.9	652.8	652.6	652.6	652.6	652.4	652.6	653.0	653.3	654.0	654.0	654.0	653.4	654.2
4	654.0	653.9	653.7	653.5	653.4	653.4	653.4	653.3	653.2	652.8	652.5	652.3	652.0	651.7	651.4	651.0	650.8	650.5	650.5	650.6	651.2	652.1	652.5	652.7	652.3	654.0
5	652.6	652.7	652.8	652.9	653.2	653.6	653.6	653.6	653.6	653.2	652.5	652.0	651.6	651.1	650.6	650.2	649.9	649.5	649.3	649.3	649.3	649.3	649.1	649.0	651.4	653.6
6	648.8	648.7	648.4	648.1	648.1	647.9	647.5	647.5	647.3	647.2	647.2	647.3	646.8	646.5	646.3	646.3	646.4	646.2	646.3	646.7	647.2	647.9	648.7	649.2	647.4	649.2
7	649.4	649.9	650.4	651.0	651.5	652.0	652.5	652.8	652.8	652.8	652.8	652.9	652.9	652.9	652.9	653.0	653.1	653.4	653.9	654.6	655.3	656.1	656.4	656.6	653.0	656.6
8	656.7	656.8	656.7	656.6	656.7	656.6	656.4	656.3	656.1	655.5	654.9	654.1	653.4	652.7	652.1	651.6	651.2	650.8	650.5	650.3	650.2	650.4	650.6	650.6	653.7	656.8
9	650.4	650.0	649.9	649.9	649.8	650.0	650.1	650.1	650.1	649.7	648.9	648.5	648.2	648.0	647.8	647.7	647.7	647.9	648.2	648.6	649.3	650.3	650.9	651.3	649.3	651.3
10	651.6	652.2	652.5	652.8	652.8	652.7	652.6	652.4	652.2	651.7	651.2	650.6	650.0	649.5	649.2	649.1	649.2	649.4	649.7	650.3	650.8	651.3	651.8	651.9	651.2	652.8
11	652.2	652.6	652.8	653.0	653.1	653.2	653.3	653.5	653.6	653.4	653.0	652.7	652.4	652.2	652.0	651.7	651.8	651.5	651.8	652.5	652.9	653.0	652.8	652.6	652.7	653.6
12	652.5	652.0	651.6	651.2	651.1	651.2	651.2	651.1	651.1	650.8	650.3	649.8	649.3	648.9	648.6	648.7	648.7	648.7	648.5	648.6	648.9	649.0	648.8	648.5	650.0	652.5
13	648.3	647.9	647.7	647.7	647.8	647.5	647.5	647.4	647.1	646.9	646.8	646.5	646.4	646.4	646.5	646.8	646.8	648.2	648.3	648.6	649.1	649.7	650.0	650.3	647.9	650.3
14	650.5	650.8	650.9	651.0	651.2	651.4	651.3	651.2	651.3	650.9	650.9	651.0	651.0	650.9	650.9	651.0	651.0	651.3	652.2	653.1	653.7	653.9	653.7	653.8	651.6	653.9
15	653.7	653.6	653.7	653.7	653.8	654.0	654.1	654.0	653.8	653.4	653.1	652.8	652.8	652.6	652.4	652.8	653.0	652.9	653.4	654.1	654.6	655.2	655.0	654.8	653.6	655.2
16	654.6	654.4	654.4	654.2	654.3	654.3	654.2	654.0	653.6	653.0	652.2	651.5	651.2	650.8	650.5	650.2	649.9	649.7	649.5	649.5	649.7	650.0	650.2	650.4	651.9	654.6
17	650.6	650.7	650.7	650.9	651.0	651.2	651.5	651.7	651.5	651.0	650.6	650.2	650.0	650.0	649.7	649.5	649.2	649.3	649.4	649.5	649.9	650.5	650.9	651.0	650.4	651.7
18	650.7	650.6	650.7	650.8	650.7	650.7	650.6	650.4	650.3	649.7	649.1	649.0	649.9	649.5	648.5	648.0	647.7	647.4	646.8	646.6	647.3	647.3	648.0	648.4	649.1	650.8
19	648.7	648.3	648.6	648.8	648.7	648.6	648.8	649.0	649.1	649.1	648.8	648.7	648.6	648.4	648.2	648.0	648.1	648.3	648.5	648.9	649.3	649.6	649.7	649.4	648.8	649.7
20	649.2	648.9	648.5	648.2	648.1	647.6	647.2	645.5	646.8	646.4	646.1	645.7	645.4	645.3	645.4	645.4	645.4	645.6	645.7	645.9	646.1	646.2	646.1	645.8	646.5	649.2
21	645.4	645.4	645.6	645.9	646.4	646.7	647.1	647.4	647.9	648.4	649.2	649.7	649.9	650.3	650.5	650.7	651.0	651.3	651.6	652.0	652.5	652.9	653.0	653.1	649.3	653.1
22	653.2	653.0	652.6	652.7	652.9	653.0	653.3	653.4	653.3	653.1	652.8	652.7	652.3	652.1	652.1	652.1	652.2	651.9	651.9	651.9	652.0	652.1	652.2	652.5	652.6	653.4
23	652.4	652.2	652.2	652.2	652.1	652.2	652.1	652.1	651.8	651.5	651.4	651.4	651.2	650.9	650.8	651.0	651.6	651.9	652.2	652.5	653.0	653.5	653.3	653.3	652.0	653.5
24	653.3	653.1	653.2	653.2	653.3	653.2	653.1	653.0	653.1	652.8	652.9	652.8	652.7	652.4	652.1	651.8	651.6	651.6	651.7	651.8	652.0	652.0	651.9	651.7	652.5	653.3
25	651.9	651.3	650.9	650.7	651.0	650.9	650.9	650.7	650.5	650.7	650.7	650.6	650.3	649.9	650.1	649.8	650.5	650.1	649.7	649.7	649.9	650.0	650.0	650.0	650.5	651.9
26	649.9	649.8	649.8	649.8	649.9	650.1	650.1	649.9	649.8	649.3	649.1	648.8	648.7	649.0	649.0	648.8	648.4	648.9	648.4	648.5	648.9	649.0	648.9	648.8	649.2	650.1
27	648.7	648.5	648.4	648.2	648.2	648.4	648.5	648.6	648.5	648.3	648.1	648.2	647.9	647.7	647.5	647.5	647.7	648.1	648.5	648.8	649.2	649.5	649.8	650.2	648.5	650.2
28	650.3	650.3	650.4	650.5	650.7	651.0	651.1	651.2	651.4	651.7	651.6	651.4	651.5	651.5	651.5	652.2	652.7	652.6	653.0	653.1	653.6	654.2	654.4	654.5	651.9	654.5
29	654.6	655.1	655.3	655.7	656.2	656.6	656.9	656.9	656.9	656.5	656.2	655.9	655.7	655.4	655.1	655.1	655.0	654.8	654.9	655.0	655.3	655.6	655.9	656.1	655.7	656.9
30	656.3	656.3	656.4	656.5	656.6	656.7	656.7	656.7	656.4	655.8	655.2	654.7	654.2	653.7	653.5	653.5	653.3	653.2	653.2	653.0	653.0	653.5	653.6	653.8	654.8	656.7
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	651.6	651.5	651.5	651.6	651.7	651.8	651.9	651.8	651.8	651.5	651.3	651.0	650.8	650.6	650.4	650.4	650.4	650.4	650.5	650.8	651.1	651.5	651.7	651.7		
MAX	656.7	656.8	656.7	656.6	656.7	656.7	656.9	656.9	656.9	656.5	656.2	655.9	655.7	655.4	655.1	655.1	655.0	654.8	654.9	655.0	655.3	656.1	656.4	656.6		



Number of Non-Zero Readings	720		
Maximum 1-HR Average	657	MMHg	
Maximum 24-HR Average	656	MMHg	
		Opperational Time	720 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	2.56	Monthly Average	651.2 MMHg

Lagoon Relative Humidity (%) – June 2025

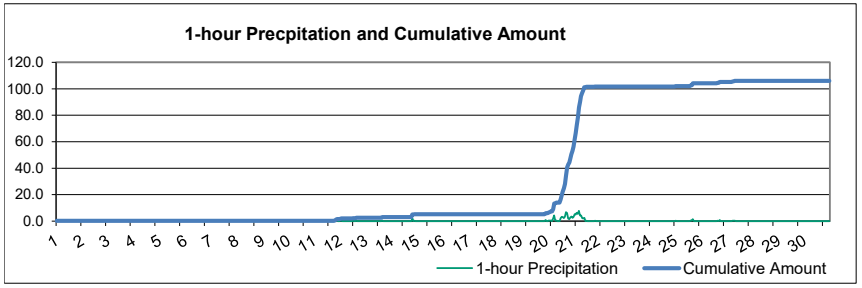
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	82.5	83.3	82.7	78.4	73.2	69.0	65.5	60.0	48.2	33.2	27.8	24.1	22.5	21.8	19.9	19.5	21.3	27.8	38.6	50.0	56.1	59.8	62.7	65.4	49.7	83.3
2	71.8	69.3	60.6	57.5	64.0	61.8	56.5	51.1	45.2	39.3	30.4	25.6	22.3	22.1	23.2	23.7	22.8	20.9	26.4	31.0	46.3	56.1	62.6	65.3	44.0	71.8
3	63.2	43.6	47.4	49.7	50.7	52.1	51.3	50.3	44.3	39.7	31.6	29.0	26.4	26.5	27.4	28.0	31.4	30.8	34.0	44.0	52.3	60.9	71.0	76.6	44.3	76.6
4	76.8	79.8	82.6	82.3	75.6	71.8	69.0	63.7	53.8	41.7	33.7	29.7	26.5	23.9	21.8	19.5	19.1	19.0	20.0	21.0	28.3	41.0	53.5	56.1	46.2	82.6
5	64.4	73.1	67.6	59.8	54.5	54.1	51.6	48.0	39.6	31.6	25.4	20.9	18.3	16.9	15.5	15.2	16.1	16.5	17.5	19.0	23.3	22.6	22.4	24.2	34.1	73.1
6	25.7	26.6	27.9	30.1	31.6	32.5	33.1	28.9	27.0	27.2	27.2	26.7	27.1	27.2	26.2	25.4	25.5	27.1	27.8	28.9	29.8	32.0	33.0	34.1	28.7	34.1
7	35.0	39.0	40.6	40.6	48.6	52.2	52.8	49.8	42.6	38.2	35.4	30.0	27.9	26.9	25.5	24.5	23.8	23.3	24.0	27.8	31.8	39.4	51.6	65.0	37.3	65.0
8	71.9	77.5	80.1	74.4	62.3	57.6	52.3	48.3	41.3	33.7	25.8	21.2	18.8	17.5	16.2	15.0	14.3	14.7	15.7	17.6	20.3	20.9	20.4	22.9	35.8	80.1
9	38.9	43.0	39.7	42.3	43.3	40.1	29.4	26.5	24.5	22.2	18.1	13.9	13.6	12.6	12.5	12.5	11.8	11.8	12.1	12.8	17.2	26.3	29.7	35.0	24.6	43.3
10	44.6	45.4	49.5	51.2	58.4	62.7	53.3	37.4	31.0	28.8	28.0	26.3	24.0	21.4	21.3	21.9	22.4	23.3	25.1	27.5	30.2	34.6	42.6	44.8	35.7	62.7
11	41.8	37.2	41.4	46.9	48.5	53.5	52.2	52.3	46.8	41.1	33.6	32.4	31.0	29.4	31.5	29.7	29.7	31.0	37.7	63.0	75.3	84.2	84.1	82.1	47.4	84.2
12	86.0	88.1	88.9	88.3	88.0	87.5	86.4	81.1	79.2	77.4	67.6	59.6	55.1	49.5	56.7	63.6	64.9	59.9	56.0	60.9	70.3	72.5	79.3	84.5	73.0	88.9
13	87.4	87.2	84.4	83.7	82.9	76.3	74.7	73.5	55.9	41.3	33.5	25.3	24.7	24.4	25.6	55.7	67.3	48.5	49.7	51.1	55.8	58.6	64.1	76.7	58.7	87.4
14	72.3	73.9	76.1	76.8	78.1	76.8	73.6	65.9	57.7	40.5	31.4	29.0	28.0	27.4	27.5	27.1	25.3	29.3	46.1	73.9	79.7	70.0	85.2	78.5	56.3	85.2
15	73.6	73.0	70.9	72.9	74.3	75.8	73.6	66.6	59.2	47.6	33.5	29.5	28.4	25.0	22.4	27.3	29.9	26.3	30.7	44.8	58.4	62.5	69.5	75.1	52.1	75.8
16	72.3	69.0	70.9	71.2	73.6	74.0	71.0	63.8	55.0	45.5	33.9	25.5	20.4	18.6	17.4	17.6	16.9	15.8	16.0	20.1	31.7	46.8	55.0	61.3	44.3	74.0
17	62.2	61.7	49.9	48.7	51.8	50.3	48.4	42.0	37.6	33.8	29.8	26.6	31.5	33.1	35.1	35.9	35.1	37.8	41.3	42.9	44.2	53.8	71.1	75.0	45.0	75.0
18	79.6	83.7	86.1	87.6	87.5	75.6	67.0	61.4	53.0	41.2	26.2	25.8	38.5	31.4	28.0	29.6	32.3	32.0	31.1	34.8	35.1	54.1	54.6	58.1	51.4	87.6
19	54.3	47.0	39.8	45.5	44.6	38.9	36.2	34.9	25.6	23.5	21.3	19.7	17.6	16.8	15.8	14.6	28.2	36.2	42.5	51.0	58.5	62.9	65.8	74.0	38.1	74.0
20	84.4	86.4	84.7	88.9	89.5	89.4	89.0	89.3	90.0	88.8	86.1	85.0	80.3	80.3	87.1	88.3	87.3	87.9	88.9	88.0	86.5	88.6	89.8	90.2	87.3	90.2
21	90.3	89.4	88.9	88.1	88.4	89.1	89.4	90.0	90.8	91.0	90.7	90.3	89.8	88.9	86.3	84.3	82.6	84.4	85.1	85.5	87.3	88.4	88.6	88.9	88.2	91.0
22	88.9	89.0	88.6	88.8	89.1	89.2	88.6	88.3	86.1	68.9	63.3	41.2	36.3	38.1	37.1	38.7	41.3	38.7	41.0	46.0	65.2	78.7	76.1	78.0	66.0	89.2
23	80.1	83.5	83.4	78.5	77.9	76.3	72.8	66.7	57.7	45.7	35.7	33.3	29.5	29.3	27.6	28.5	39.5	48.3	48.3	48.1	53.0	66.8	74.3	80.2	56.9	83.5
24	83.4	66.1	67.7	69.5	72.0	72.0	69.5	65.4	54.1	44.0	37.6	32.9	29.6	28.2	27.1	25.7	26.5	31.4	38.4	40.9	44.3	52.9	55.2	62.1	49.8	83.4
25	73.8	74.7	75.0	75.6	78.7	76.2	74.4	71.2	68.3	57.4	49.5	44.7	40.9	42.0	61.3	57.2	65.0	68.8	63.2	65.4	68.4	69.3	61.4	61.4	64.3	78.7
26	62.4	64.6	67.2	70.9	73.1	73.4	72.5	66.7	59.1	50.0	40.0	34.5	36.3	44.0	46.0	54.0	43.8	67.9	53.8	54.3	63.3	69.9	73.4	75.2	59.0	75.2
27	77.8	74.0	71.2	73.4	74.1	76.8	83.8	86.4	84.8	81.3	70.9	61.6	48.5	43.3	38.7	39.0	36.6	43.0	40.5	41.8	44.6	50.2	52.6	52.6	60.3	86.4
28	53.8	55.5	56.9	56.3	55.2	54.9	51.8	47.7	46.4	41.7	39.5	37.0	36.0	32.0	30.5	45.9	48.6	40.9	45.1	42.6	40.5	45.8	50.5	53.2	46.2	56.9
29	56.0	60.0	60.7	64.5	66.2	66.2	64.4	58.7	50.4	38.8	33.0	30.4	27.9	25.9	24.1	22.6	23.2	23.4	23.9	25.8	30.7	34.0	40.8	53.4	41.9	66.2
30	44.7	46.2	48.9	54.0	56.3	57.9	57.2	52.3	44.8	36.4	29.3	25.8	22.4	21.6	27.2	29.5	30.0	32.3	32.5	35.0	43.5	53.7	62.8	64.1	42.0	64.1
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	66.7	66.4	66.0	66.5	67.1	66.1	63.7	59.6	53.3	45.7	39.0	34.6	32.7	31.5	32.1	34.0	35.4	36.6	38.4	43.2	49.1	55.2	60.1	63.8		
MAX	90.3	89.4	88.9	88.9	89.5	89.4	89.4	90.0	90.8	91.0	90.7	90.3	89.8	88.9	87.1	88.3	87.3	87.9	88.9	88.0	87.3	88.6	89.8	90.2		



Number of Non-Zero Readings	720		
Maximum 1-HR Average	91.0 %		
Maximum 24-HR Average	88.2 %		
		Opperational Time	720 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	22.3	Monthly Average	50.3 %

Lagoon Precipitation (mm) – June 2025

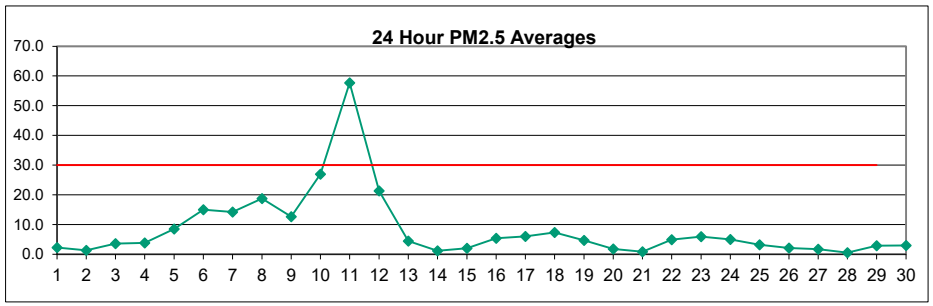
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	24-HOUR TOTAL	DAILY MAX
1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.3	0.0	0.0	1.3	0.8
12	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
13	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.5	0.5
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.3	0.0	0.0	2.3	2.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8
20	0.0	0.0	0.5	0.3	0.5	0.0	1.8	4.3	0.3	0.5	0.0	0.0	0.0	2.3	3.3	3.0	2.3	3.3	6.8	6.0	2.0	1.5	2.8	3.5	44.5	6.8
21	2.5	3.3	5.3	5.0	6.3	5.5	7.8	4.3	4.3	2.3	2.0	2.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	51.3	7.8
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	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	0.5	0.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.5
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8
27	0.0	0.0	0.0	0.0	0.0	0.3	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	0.0	0.0	0.8	0.3
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1		
MAX	2.5	3.3	5.3	5.0	6.3	5.5	7.8	4.3	4.3	2.3	2.0	2.5	0.3	2.3	3.3	3.0	2.3	3.3	6.8	6.0	2.0	1.5	2.8	3.5		



Number of Non-Zero Readings	53		
Maximum 1-HR Total	51.3 MM		
Maximum 24-HR Total	7.8 MM		
		Opperational Time	720 HRS
Monthly Calibration	0	Opperational Uptime	100.0 %
Standard Deviation	0.76	Monthly Average	0.15 MM

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

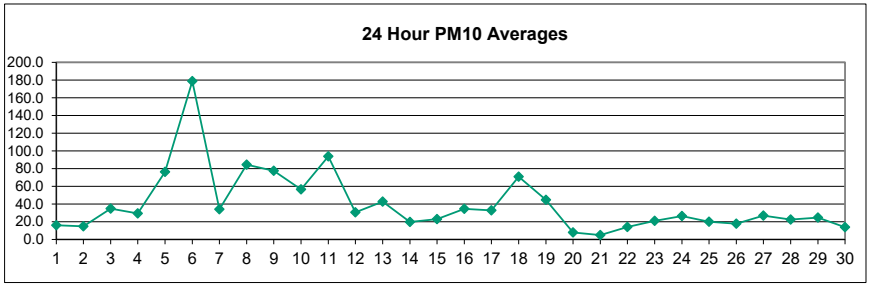
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	2.0	0.0	1.0	0.0	1.0	4.0	4.0	5.0	2.0	4.0	4.0	2.0	4.0	3.0	2.0	2.0	1.0	2.0	2.0	5.0	4.0	0.0	0.0	0.0	2.3	5.0
2	1.0	0.0	0.0	0.0	0.0	2.0	2.0	1.0	2.0	0.0	0.0	3.0	1.0	0.0	2.0	3.0	2.0	0.0	X	4.0	4.0	X	2.0	0.0	1.3	4.0
3	0.0	1.0	1.0	0.0	0.0	3.0	2.0	12.0	9.0	11.0	16.0	0.0	2.0	3.0	1.0	4.0	5.0	3.0	3.0	3.0	2.0	1.0	2.0	2.0	3.6	16.0
4	1.0	0.0	0.0	2.0	4.0	5.0	4.0	5.0	5.0	3.0	2.0	4.0	4.0	4.0	4.0	5.0	2.0	0.0	4.0	14.0	9.0	5.0	3.0	2.0	3.8	14.0
5	1.0	2.0	4.0	5.0	5.0	11.0	8.0	7.0	7.0	4.0	5.0	3.0	2.0	2.0	14.0	9.0	6.0	11.0	22.0	16.0	7.0	20.0	16.0	16.0	8.5	22.0
6	9.0	18.0	24.0	16.0	8.0	16.0	19.0	22.0	21.0	11.0	14.0	15.0	C	C	54.0	17.0	6.0	14.0	16.0	12.0	7.0	4.0	4.0	3.0	15.0	54.0
7	4.0	4.0	3.0	3.0	3.0	2.0	2.0	6.0	5.0	4.0	8.0	17.0	17.0	19.0	19.0	14.0	17.0	21.0	18.0	49.0	27.0	31.0	26.0	22.0	14.2	49.0
8	24.0	27.0	30.0	24.0	26.0	21.0	28.0	47.0	16.0	23.0	17.0	22.0	15.0	9.0	8.0	21.0	14.0	7.0	16.0	14.0	13.0	8.0	6.0	14.0	18.8	47.0
9	7.0	1.0	3.0	3.0	2.0	2.0	4.0	5.0	11.0	17.0	32.0	30.0	13.0	20.0	16.0	20.0	16.0	8.0	11.0	9.0	10.0	15.0	28.0	21.0	12.7	32.0
10	59.0	61.0	47.0	29.0	19.0	20.0	43.0	20.0	32.0	22.0	20.0	16.0	14.0	18.0	21.0	19.0	19.0	22.0	24.0	23.0	22.0	26.0	24.0	26.0	26.9	61.0
11	26.0	78.0	37.0	31.0	37.0	36.0	35.0	38.0	47.0	59.0	77.0	83.0	106.0	94.0	83.0	76.0	88.0	76.0	75.0	39.0	28.0	20.0	X	X	57.7	106.0
12	18.0	17.0	11.0	23.0	26.0	18.0	30.0	25.0	18.0	18.0	20.0	20.0	13.0	19.0	25.0	84.0	57.0	25.0	7.0	10.0	16.0	3.0	3.0	5.0	21.3	84.0
13	5.0	3.0	6.0	3.0	1.0	2.0	2.0	7.0	4.0	4.0	8.0	17.0	4.0	7.0	5.0	17.0	2.0	2.0	3.0	3.0	1.0	0.0	0.0	0.0	4.4	17.0
14	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	4.0	4.0	3.0	4.0	2.0	1.0	1.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	1.1	4.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.0	2.0	4.0	1.0	4.0	7.0	4.0	5.0	3.0	3.0	4.0	2.0	0.0	1.0	1.0	2.0	7.0
16	1.0	7.0	3.0	0.0	1.0	2.0	3.0	4.0	1.0	6.0	7.0	12.0	10.0	5.0	5.0	6.0	3.0	15.0	9.0	9.0	6.0	6.0	4.0	3.0	5.3	15.0
17	2.0	4.0	4.0	4.0	4.0	6.0	8.0	6.0	6.0	8.0	9.0	5.0	10.0	7.0	10.0	7.0	7.0	5.0	6.0	5.0	6.0	4.0	4.0	6.0	6.0	10.0
18	6.0	3.0	7.0	5.0	7.0	6.0	5.0	12.0	7.0	10.0	9.0	8.0	27.0	3.0	3.0	3.0	7.0	5.0	3.0	7.0	8.0	11.0	8.0	5.0	7.3	27.0
19	5.0	7.0	8.0	6.0	2.0	7.0	4.0	7.0	5.0	1.0	32.0	11.0	5.0	1.0	3.0	3.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	4.6	32.0
20	1.0	1.0	3.0	2.0	2.0	1.0	0.0	X	0.0	X	3.0	2.0	4.0	4.0	4.0	4.0	2.0	1.0	2.0	2.0	0.0	0.0	0.0	0.0	1.7	4.0
21	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	3.0	1.0	2.0	1.0	3.0	0.8	4.0
22	5.0	4.0	2.0	0.0	1.0	4.0	4.0	4.0	8.0	6.0	5.0	5.0	5.0	7.0	4.0	3.0	7.0	7.0	4.0	8.0	7.0	6.0	6.0	6.0	4.9	8.0
23	6.0	3.0	6.0	5.0	5.0	6.0	5.0	6.0	5.0	7.0	5.0	6.0	7.0	5.0	6.0	6.0	8.0	7.0	5.0	7.0	5.0	7.0	6.0	7.0	5.9	8.0
24	6.0	4.0	0.0	2.0	3.0	0.0	2.0	4.0	3.0	2.0	9.0	9.0	7.0	9.0	5.0	8.0	10.0	11.0	X	3.0	3.0	5.0	5.0	5.0	5.0	11.0
25	6.0	4.0	1.0	0.0	0.0	1.0	0.0	0.0	4.0	8.0	9.0	7.0	4.0	3.0	5.0	6.0	6.0	2.0	0.0	0.0	0.0	4.0	4.0	3.0	3.2	9.0
26	1.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	2.0	1.0	NRM	0.0	1.0	8.0	6.0	6.0	7.0	2.0	0.0	0.0	0.0	1.0	4.0	3.0	2.1	8.0
27	3.0	1.0	1.0	2.0	0.0	2.0	2.0	0.0	1.0	0.0	2.0	3.0	2.0	1.0	3.0	3.0	2.0	2.0	2.0	1.0	0.0	2.0	2.0	3.0	1.7	3.0
28	2.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	1.0	1.0	1.0	2.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.5	2.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	23.0	3.0	4.0	3.0	1.0	2.0	2.0	1.0	2.0	5.0	1.0	7.0	5.0	1.0	2.0	1.0	2.9	23.0
30	0.0	2.0	X	3.0	2.0	1.0	6.0	5.0	1.0	0.0	1.0	2.0	2.0	1.0	6.0	6.0	6.0	4.0	2.0	0.0	3.0	5.0	5.0	4.0	2.9	6.0
NO.	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	709	98.8%
MEAN	6.7	8.4	7.0	5.6	5.4	6.0	7.4	9.0	8.3	8.2	11.2	10.5	9.8	9.1	10.9	12.0	10.3	8.9	8.8	8.6	6.5	6.4	5.7	5.6	7.5	
MAX	59.0	78.0	47.0	31.0	37.0	36.0	43.0	47.0	47.0	59.0	77.0	83.0	106.0	94.0	83.0	84.0	88.0	76.0	75.0	49.0	28.0	31.0	28.0	26.0	17.4	70.0



Number of 24HR Exceedences	1	Proposed Guideline	
Number of Non-Zero Readings	591		
Maximum 1-HR Average	106.0	UG/M3	
Maximum 24-HR Average	57.7	UG/M3	
		Opperational Time	711 HRS
Monthly Calibration	2	Opperational Uptime	98.8 %
Standard Deviation	13.3	Monthly Average	8.2 UG/M3

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

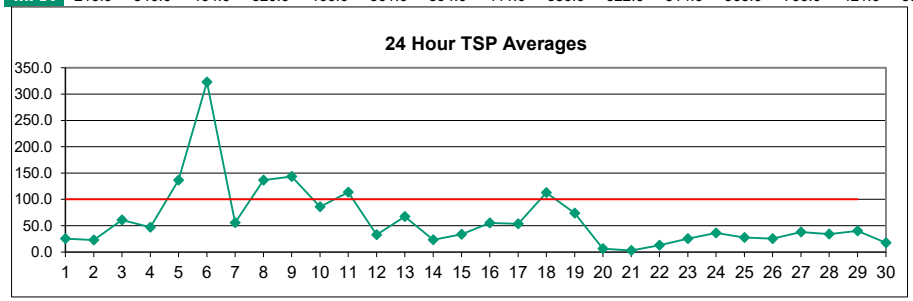
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	9.0	7.0	3.0	3.0	4.0	5.0	4.0	12.0	21.0	30.0	22.0	48.0	48.0	40.0	24.0	18.0	23.0	17.0	9.0	9.0	8.0	6.0	9.0	6.0	16.0	48.0
2	5.0	11.0	9.0	6.0	5.0	3.0	19.0	19.0	18.0	22.0	12.0	9.0	9.0	15.0	23.0	25.0	40.0	10.0	X	17.0	12.0	X	19.0	14.0	14.6	40.0
3	8.0	3.0	1.0	4.0	4.0	10.0	27.0	117.0	59.0	110.0	45.0	39.0	41.0	58.0	39.0	42.0	15.0	39.0	120.0	15.0	12.0	8.0	7.0	10.0	34.7	120.0
4	10.0	9.0	12.0	11.0	8.0	20.0	29.0	44.0	37.0	42.0	43.0	28.0	30.0	27.0	25.0	30.0	26.0	14.0	30.0	157.0	27.0	17.0	17.0	11.0	29.3	157.0
5	16.0	10.0	14.0	29.0	14.0	29.0	28.0	38.0	31.0	23.0	56.0	17.0	30.0	30.0	77.0	63.0	54.0	83.0	229.0	178.0	53.0	247.0	253.0	226.0	76.2	253.0
6	131.0	324.0	261.0	202.0	85.0	186.0	301.0	217.0	201.0	177.0	170.0	93.0	NRM	NRM	190.0	247.0	93.0	238.0	232.0	190.0	64.0	136.0	90.0	105.0	178.8	324.0
7	93.0	17.0	17.0	27.0	11.0	20.0	19.0	32.0	16.0	19.0	21.0	27.0	35.0	35.0	32.0	34.0	38.0	46.0	52.0	43.0	43.0	55.0	43.0	40.0	34.0	93.0
8	33.0	33.0	32.0	40.0	42.0	40.0	51.0	48.0	52.0	50.0	37.0	79.0	44.0	49.0	34.0	159.0	155.0	70.0	211.0	153.0	195.0	107.0	146.0	165.0	84.4	211.0
9	15.0	11.0	7.0	7.0	7.0	8.0	14.0	19.0	71.0	73.0	147.0	195.0	191.0	219.0	173.0	155.0	168.0	73.0	87.0	28.0	44.0	45.0	51.0	52.0	77.5	219.0
10	47.0	45.0	64.0	44.0	43.0	80.0	98.0	62.0	50.0	60.0	60.0	68.0	67.0	60.0	51.0	73.0	44.0	50.0	45.0	53.0	52.0	49.0	45.0	46.0	56.5	98.0
11	53.0	55.0	60.0	61.0	57.0	64.0	74.0	72.0	96.0	142.0	126.0	139.0	136.0	172.0	133.0	159.0	123.0	121.0	104.0	52.0	34.0	30.0	X	X	93.8	172.0
12	31.0	23.0	22.0	28.0	30.0	23.0	39.0	44.0	33.0	34.0	58.0	50.0	44.0	46.0	46.0	51.0	38.0	19.0	13.0	18.0	14.0	11.0	12.0	9.0	30.7	58.0
13	18.0	11.0	9.0	8.0	4.0	16.0	4.0	7.0	56.0	65.0	102.0	65.0	69.0	52.0	249.0	113.0	14.0	31.0	47.0	41.0	27.0	3.0	5.0	8.0	42.7	249.0
14	5.0	5.0	12.0	7.0	4.0	6.0	16.0	18.0	14.0	22.0	34.0	46.0	22.0	21.0	39.0	30.0	50.0	45.0	18.0	27.0	8.0	12.0	7.0	7.0	19.8	50.0
15	5.0	8.0	6.0	6.0	7.0	6.0	4.0	4.0	11.0	46.0	16.0	27.0	26.0	27.0	45.0	39.0	137.0	40.0	42.0	9.0	13.0	11.0	11.0	6.0	23.0	137.0
16	4.0	11.0	7.0	7.0	10.0	40.0	35.0	61.0	26.0	51.0	28.0	57.0	24.0	37.0	25.0	35.0	25.0	107.0	92.0	103.0	13.0	11.0	9.0	9.0	34.5	107.0
17	13.0	13.0	16.0	17.0	12.0	21.0	95.0	26.0	48.0	29.0	61.0	31.0	62.0	83.0	74.0	34.0	26.0	19.0	22.0	18.0	17.0	13.0	18.0	19.0	32.8	95.0
18	7.0	5.0	14.0	13.0	12.0	45.0	27.0	120.0	58.0	94.0	118.0	133.0	485.0	64.0	22.0	68.0	74.0	26.0	36.0	55.0	82.0	37.0	66.0	37.0	70.8	485.0
19	69.0	112.0	84.0	94.0	43.0	92.0	86.0	70.0	73.0	36.0	34.0	20.0	20.0	28.0	25.0	22.0	37.0	25.0	22.0	25.0	16.0	13.0	11.0	16.0	44.7	112.0
20	4.0	9.0	11.0	7.0	3.0	5.0	7.0	X	9.0	X	11.0	14.0	20.0	18.0	4.0	7.0	6.0	4.0	7.0	7.0	5.0	4.0	6.0	4.0	7.8	20.0
21	4.0	4.0	2.0	9.0	5.0	2.0	2.0	0.0	3.0	3.0	1.0	1.0	6.0	4.0	1.0	1.0	8.0	8.0	10.0	11.0	10.0	6.0	7.0	7.0	4.8	11.0
22	7.0	11.0	6.0	6.0	5.0	10.0	9.0	19.0	26.0	32.0	27.0	20.0	13.0	11.0	13.0	14.0	15.0	11.0	9.0	11.0	15.0	8.0	21.0	14.0	13.9	32.0
23	14.0	20.0	13.0	16.0	14.0	14.0	17.0	16.0	12.0	33.0	36.0	33.0	24.0	26.0	39.0	36.0	22.0	24.0	16.0	36.0	7.0	11.0	12.0	12.0	21.0	39.0
24	13.0	9.0	5.0	10.0	7.0	9.0	9.0	17.0	49.0	68.0	48.0	32.0	43.0	35.0	47.0	38.0	43.0	45.0	X	33.0	19.0	10.0	9.0	9.0	26.4	68.0
25	23.0	6.0	3.0	5.0	6.0	6.0	7.0	14.0	10.0	47.0	64.0	43.0	58.0	26.0	31.0	35.0	34.0	0.0	5.0	9.0	8.0	7.0	21.0	13.0	20.0	64.0
26	9.0	10.0	5.0	5.0	10.0	9.0	5.0	4.0	7.0	21.0	21.0	C	49.0	90.0	63.0	21.0	29.0	13.0	8.0	7.0	4.0	2.0	5.0	9.0	17.7	90.0
27	9.0	10.0	6.0	8.0	5.0	6.0	7.0	6.0	7.0	24.0	52.0	45.0	46.0	46.0	41.0	32.0	42.0	39.0	49.0	30.0	33.0	47.0	41.0	13.0	26.8	52.0
28	9.0	12.0	11.0	11.0	14.0	12.0	25.0	40.0	27.0	20.0	16.0	31.0	29.0	20.0	14.0	27.0	14.0	41.0	65.0	12.0	44.0	34.0	6.0	5.0	22.5	65.0
29	7.0	8.0	4.0	6.0	4.0	3.0	5.0	4.0	13.0	71.0	31.0	37.0	16.0	14.0	23.0	38.0	38.0	72.0	47.0	99.0	32.0	12.0	6.0	3.0	24.7	99.0
30	10.0	6.0	X	10.0	5.0	9.0	16.0	10.0	12.0	13.0	14.0	11.0	9.0	10.0	30.0	16.0	11.0	11.0	10.0	22.0	20.0	18.0	22.0	19.0	13.7	30.0
NO.	30	30	29	30	30	30	30	29	30	29	30	29	29	29	30	30	30	30	28	30	30	29	29	29	709	98.6%
MEAN	22.7	27.3	24.7	23.6	16.0	26.6	36.0	40.0	38.2	50.2	50.4	49.6	58.5	47.0	54.4	55.4	48.1	44.7	58.5	48.9	31.0	33.4	33.6	30.8	42.0	
MAX	131.0	324.0	261.0	202.0	85.0	186.0	301.0	217.0	201.0	177.0	170.0	195.0	485.0	219.0	249.0	247.0	168.0	238.0	232.0	190.0	195.0	247.0	253.0	226.0	91.1	433.3



Number of Non-Zero Readings	707		
Maximum 1-HR Average	485.0 UG/M3		
Maximum 24-HR Average	178.8 UG/M3		
		Opperational Time	710 HRS
Monthly Calibration	1	Opperational Uptime	98.6 %
Standard Deviation	50.52	Monthly Average	39.5 UG/M3

Windridge TSP (µg/m^3) – June 2025

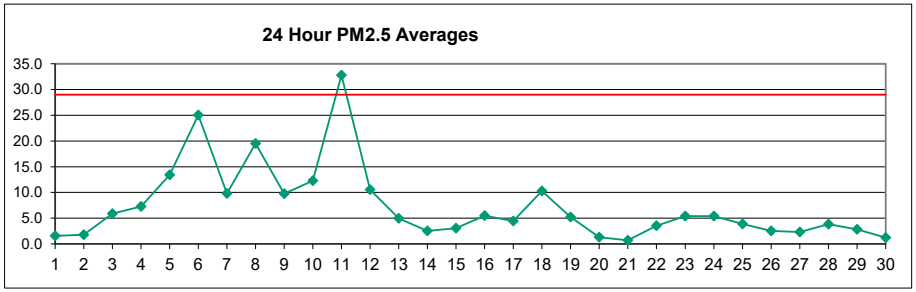
Day	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	9.0	7.0	4.0	3.0	6.0	6.0	7.0	8.0	36.0	57.0	31.0	73.0	90.0	70.0	30.0	42.0	38.0	29.0	18.0	8.0	9.0	8.0	7.0	9.0	25.2	90.0
2	14.0	27.0	6.0	4.0	2.0	7.0	22.0	20.0	19.0	29.0	18.0	15.0	15.0	24.0	39.0	43.0	92.0	19.0	X	31.0	21.0	X	18.0	15.0	22.7	92.0
3	0.0	3.0	3.0	0.0	1.0	15.0	41.0	214.0	107.0	206.0	87.0	79.0	70.0	109.0	74.0	73.0	16.0	75.0	199.0	35.0	20.0	16.0	4.0	12.0	60.8	214.0
4	7.0	8.0	19.0	9.0	7.0	30.0	31.0	67.0	53.0	62.0	56.0	53.0	54.0	46.0	48.0	59.0	39.0	22.0	61.0	272.0	60.0	26.0	25.0	16.0	47.1	272.0
5	12.0	13.0	14.0	45.0	21.0	45.0	40.0	67.0	42.0	37.0	88.0	32.0	47.0	59.0	134.0	125.0	115.0	158.0	416.0	353.0	105.0	427.0	494.0	389.0	136.6	494.0
6	216.0	540.0	404.0	320.0	166.0	361.0	594.0	411.0	350.0	322.0	314.0	314.0	NRM	NRM	384.0	450.0	157.0	425.0	392.0	317.0	121.0	239.0	148.0	162.0	323.0	594.0
7	148.0	45.0	38.0	88.0	45.0	36.0	33.0	53.0	37.0	31.0	42.0	48.0	51.0	53.0	41.0	47.0	51.0	62.0	62.0	66.0	64.0	77.0	60.0	57.0	55.6	148.0
8	39.0	42.0	41.0	54.0	49.0	56.0	80.0	67.0	73.0	55.0	49.0	116.0	65.0	87.0	60.0	255.0	281.0	124.0	344.0	251.0	321.0	191.0	301.0	273.0	136.4	344.0
9	30.0	13.0	16.0	13.0	18.0	29.0	30.0	30.0	145.0	138.0	298.0	365.0	339.0	421.0	330.0	302.0	296.0	154.0	145.0	56.0	71.0	70.0	65.0	68.0	143.4	421.0
10	55.0	59.0	70.0	54.0	59.0	107.0	144.0	101.0	85.0	86.0	90.0	117.0	137.0	133.0	105.0	143.0	81.0	66.0	62.0	66.0	70.0	56.0	63.0	57.0	86.1	144.0
11	63.0	80.0	72.0	69.0	74.0	78.0	92.0	99.0	126.0	135.0	159.0	176.0	178.0	185.0	172.0	203.0	164.0	137.0	110.0	62.0	32.0	31.0	X	X	113.5	203.0
12	25.0	21.0	15.0	30.0	29.0	26.0	49.0	68.0	36.0	38.0	36.0	42.0	58.0	67.0	49.0	55.0	35.0	20.0	16.0	23.0	12.0	12.0	6.0	13.0	32.5	68.0
13	17.0	11.0	10.0	6.0	7.0	18.0	0.0	5.0	90.0	115.0	191.0	123.0	136.0	106.0	332.0	201.0	7.0	41.0	71.0	64.0	34.0	17.0	9.0	4.0	67.3	332.0
14	1.0	0.0	16.0	4.0	1.0	4.0	12.0	26.0	14.0	30.0	62.0	43.0	30.0	32.0	77.0	40.0	31.0	71.0	32.0	17.0	6.0	3.0	2.0	0.0	23.1	77.0
15	0.0	4.0	4.0	2.0	1.0	2.0	4.0	5.0	14.0	68.0	27.0	31.0	32.0	22.0	86.0	71.0	228.0	81.0	66.0	25.0	5.0	11.0	10.0	8.0	33.6	228.0
16	5.0	17.0	18.0	15.0	13.0	61.0	52.0	82.0	34.0	75.0	54.0	91.0	50.0	57.0	48.0	61.0	38.0	145.0	151.0	195.0	22.0	13.0	10.0	19.0	55.3	195.0
17	26.0	21.0	34.0	35.0	17.0	29.0	151.0	37.0	74.0	47.0	117.0	56.0	88.0	142.0	125.0	62.0	52.0	36.0	38.0	20.0	25.0	18.0	9.0	19.0	53.3	151.0
18	10.0	10.0	15.0	15.0	14.0	84.0	54.0	215.0	90.0	174.0	205.0	269.0	706.0	88.0	31.0	81.0	118.0	44.0	67.0	31.0	125.0	79.0	125.0	59.0	112.9	706.0
19	82.0	200.0	140.0	133.0	74.0	137.0	177.0	141.0	146.0	72.0	61.0	38.0	28.0	46.0	37.0	35.0	67.0	32.0	36.0	37.0	14.0	9.0	10.0	18.0	73.8	200.0
20	7.0	9.0	9.0	7.0	6.0	4.0	2.0	X	10.0	X	13.0	12.0	9.0	7.0	10.0	8.0	3.0	9.0	8.0	2.0	0.0	2.0	2.0	0.0	6.3	13.0
21	2.0	2.0	2.0	0.0	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	9.0	10.0	10.0	6.0	10.0	7.0	2.8	10.0
22	5.0	8.0	5.0	6.0	5.0	10.0	10.0	19.0	27.0	25.0	36.0	16.0	10.0	16.0	9.0	17.0	12.0	12.0	8.0	7.0	12.0	11.0	11.0	11.0	12.8	36.0
23	11.0	19.0	10.0	9.0	9.0	7.0	12.0	14.0	20.0	46.0	51.0	42.0	33.0	45.0	62.0	57.0	31.0	27.0	14.0	46.0	11.0	10.0	9.0	13.0	25.3	62.0
24	8.0	4.0	4.0	5.0	7.0	6.0	11.0	25.0	85.0	93.0	69.0	49.0	60.0	51.0	49.0	43.0	60.0	86.0	X	59.0	17.0	13.0	14.0	12.0	36.1	3.0
25	35.0	1.0	6.0	6.0	4.0	4.0	4.0	9.0	14.0	74.0	102.0	75.0	95.0	34.0	39.0	48.0	38.0	4.0	5.0	8.0	7.0	11.0	33.0	3.0	27.5	102.0
26	12.0	19.0	1.0	8.0	7.0	3.0	2.0	7.0	5.0	35.0	35.0	C	75.0	161.0	95.0	33.0	46.0	8.0	8.0	6.0	3.0	3.0	6.0	5.0	25.3	161.0
27	2.0	4.0	6.0	6.0	6.0	4.0	5.0	3.0	6.0	24.0	69.0	51.0	69.0	80.0	73.0	54.0	72.0	62.0	81.0	39.0	44.0	68.0	58.0	21.0	37.8	81.0
28	10.0	13.0	16.0	13.0	17.0	14.0	46.0	57.0	37.0	39.0	23.0	39.0	45.0	31.0	18.0	58.0	16.0	70.0	78.0	14.0	80.0	66.0	7.0	12.0	34.1	80.0
29	11.0	6.0	7.0	4.0	2.0	2.0	0.0	0.0	16.0	102.0	45.0	53.0	31.0	20.0	39.0	66.0	76.0	148.0	87.0	160.0	48.0	21.0	14.0	8.0	40.3	160.0
30	15.0	6.0	X	6.0	3.0	7.0	23.0	9.0	13.0	16.0	18.0	20.0	16.0	25.0	50.0	23.0	15.0	15.0	13.0	13.0	28.0	27.0	21.0	26.0	17.7	50.0
NO.	30	30	29	30	30	30	30	29	30	29	30	29	29	29	30	30	30	30	28	30	30	29	29	29	709	98.6%
MEAN	29.2	40.4	34.7	32.3	22.3	39.7	57.6	64.1	60.1	76.9	81.5	84.1	90.2	76.4	88.2	91.8	75.9	72.9	92.8	76.4	46.6	53.1	53.5	45.4		
MAX	216.0	540.0	404.0	320.0	166.0	361.0	594.0	411.0	350.0	322.0	314.0	365.0	706.0	421.0	384.0	450.0	296.0	425.0	416.0	353.0	321.0	427.0	494.0	389.0		



Number of 24HR Exceedences	6	Proposed Guideline	
Number of Non-Zero Readings	686		
Maximum 1-HR Average	706.0	UG/M3	
Maximum 24-HR Average	323.0	UG/M3	
IZS Calibration Time		Opperational Time	710 HRS
Down Time	0	Opperational Uptime	98.6 %
Standard Deviation	88.2	Monthly Average	61.8 UG/M3

Berm $PM_{2.5}$ (µg/m^3) – June 2025

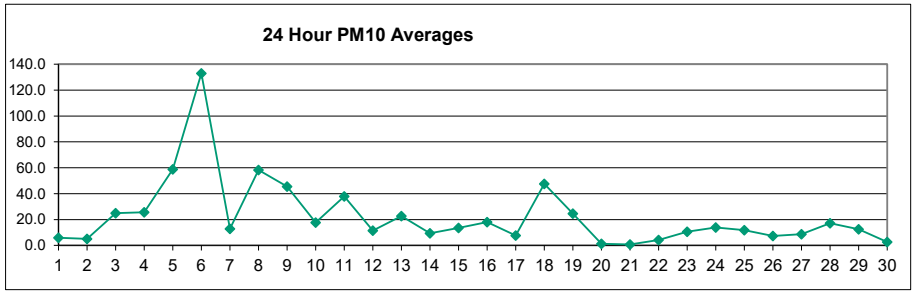
DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	0.4	0.2	2.2	0.2	0.2	0.1	0.3	0.3	3.3	2.4	3.7	5.8	5.2	3.7	1.4	2.0	1.2	2.7	0.7	0.4	0.4	0.4	0.4	0.3	1.6	5.8
2	0.4	1.7	1.1	0.3	0.3	0.4	1.3	3.2	2.0	2.0	2.2	2.1	1.4	2.2	2.4	2.2	5.9	1.4	1.9	2.7	1.4	2.4	1.1	1.0	1.8	5.9
3	0.4	0.4	0.2	0.2	0.7	0.9	5.8	9.7	5.9	10.0	5.4	9.3	11.8	11.0	9.9	11.3	1.7	15.7	21.9	1.6	1.0	1.5	2.0	2.6	5.9	21.9
4	2.8	1.9	2.1	2.4	3.5	4.5	5.0	4.7	6.8	9.7	10.8	9.2	8.0	8.8	11.6	8.3	8.4	11.6	14.9	27.2	4.1	3.0	2.8	2.7	7.3	27.2
5	2.5	1.8	2.4	3.8	3.3	5.1	4.0	4.9	3.5	4.1	8.0	4.5	11.5	11.9	19.5	14.7	9.4	27.8	32.2	12.1	9.9	35.0	51.9	38.4	13.4	51.9
6	17.2	34.1	30.1	29.4	13.9	17.8	37.7	30.1	34.7	29.2	24.2	16.6	24.9	46.0	29.7	30.0	11.2	35.8	31.6	24.3	9.8	18.9	11.1	11.8	25.0	46.0
7	8.9	2.5	2.4	3.3	2.0	1.9	2.4	2.8	2.8	2.8	3.9	11.0	16.1	15.6	13.1	11.8	12.2	14.0	13.8	17.0	19.3	20.6	19.6	15.7	9.8	20.6
8	14.2	19.0	19.3	18.0	20.5	20.1	20.8	19.1	18.7	17.8	13.4	13.5	14.9	19.9	17.9	29.6	26.7	14.8	25.7	26.3	30.6	17.4	20.2	9.5	19.5	30.6
9	1.4	1.6	1.3	1.2	1.5	1.6	2.2	2.4	8.7	6.3	18.6	29.0	21.1	28.3	22.4	16.6	18.6	6.0	8.6	2.8	4.0	8.5	10.0	11.8	9.8	29.0
10	12.7	13.4	14.1	12.6	10.4	12.9	17.1	10.8	10.4	10.4	10.7	9.7	8.9	8.4	8.4	9.7	9.2	10.4	12.0	13.9	14.8	17.0	18.0	19.0	12.3	19.0
11	20.0	22.9	24.5	22.8	22.7	24.1	23.5	25.6	31.7	37.9	54.0	55.4	56.2	54.1	53.3	48.9	45.2	45.7	46.5	27.6	13.3	10.4	10.0	10.7	32.8	56.2
12	10.4	7.8	7.7	12.0	14.2	9.8	15.2	18.8	11.4	11.6	11.7	13.1	10.1	12.8	18.9	20.2	15.0	7.5	5.0	5.4	4.4	3.2	3.6	3.1	10.5	20.2
13	4.0	3.2	2.6	1.7	1.3	1.1	1.0	1.7	6.6	6.5	14.4	12.1	7.6	5.9	24.2	7.3	0.4	3.5	5.9	4.7	1.8	1.1	0.5	0.3	5.0	24.2
14	0.4	0.3	1.5	0.8	0.5	0.4	2.0	2.5	1.5	3.2	5.7	4.2	3.0	3.3	9.4	6.6	4.4	4.8	1.3	3.2	0.7	0.5	0.2	0.3	2.5	9.4
15	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.7	1.2	3.7	7.3	3.2	3.9	6.2	7.3	5.8	13.6	6.0	4.7	1.7	1.3	1.2	0.9	0.9	3.1	13.6
16	1.4	2.0	1.6	1.7	1.3	3.3	4.2	6.8	3.7	5.8	8.3	9.6	5.3	6.9	5.8	6.5	4.2	15.5	17.2	9.8	2.8	2.1	3.2	3.2	5.5	17.2
17	3.0	3.0	3.8	4.1	4.0	4.8	8.1	5.0	6.7	4.7	4.3	3.4	3.8	5.0	6.2	4.4	3.9	4.5	4.4	4.2	3.9	3.9	3.9	3.3	4.4	8.1
18	2.2	2.1	2.5	2.8	3.1	5.4	6.0	11.5	9.6	15.6	24.0	31.5	47.5	14.2	4.7	13.4	14.0	3.2	6.1	3.0	5.7	5.8	7.3	5.5	10.3	47.5
19	4.8	20.8	10.8	5.8	3.2	8.6	10.9	6.5	8.6	5.0	6.7	4.5	3.5	4.9	4.0	4.2	2.4	1.6	1.5	1.6	1.2	1.5	1.6	1.2	5.2	20.8
20	1.0	1.3	1.1	1.4	1.3	1.5	1.4	1.6	1.5	1.3	2.1	2.6	2.2	2.0	2.1	0.7	2.0	1.6	1.1	0.6	0.4	0.3	0.2	0.2	1.3	2.6
21	0.5	0.4	0.2	0.2	0.1	0.3	0.1	0.1	0.0	0.0	0.1	0.3	0.4	0.3	0.5	0.5	0.9	1.3	2.5	1.8	1.6	1.6	1.7	1.2	0.7	2.5
22	1.4	1.3	1.3	1.5	1.7	2.2	2.3	3.1	4.4	5.3	4.8	5.4	6.9	6.3	4.7	4.2	3.1	2.5	3.9	4.0	2.9	2.7	4.8	4.2	3.5	6.9
23	3.1	4.6	3.7	3.7	3.7	3.8	4.2	5.2	4.5	4.6	6.9	7.9	8.0	9.4	9.2	10.9	6.9	6.4	4.5	3.8	3.8	4.3	3.5	3.9	5.4	10.9
24	2.5	2.1	1.7	1.8	1.8	2.0	2.6	4.1	5.5	8.2	8.2	8.5	7.8	9.9	7.6	8.2	8.3	11.0	7.4	5.3	3.9	3.9	4.8	3.2	5.4	11.0
25	4.5	2.0	1.8	1.7	1.9	1.9	1.8	3.3	3.2	6.3	9.6	11.4	6.8	14.0	6.1	4.1	2.3	0.8	1.3	1.5	1.1	2.1	2.1	2.0	3.9	14.0
26	1.2	1.8	1.8	1.5	1.3	1.3	1.7	2.2	2.5	3.7	3.8	2.7	6.4	11.6	4.0	2.5	2.9	1.0	0.8	0.8	1.1	1.4	1.6	1.3	2.5	11.6
27	1.2	2.1	1.3	1.5	2.2	1.5	1.5	1.7	1.7	1.4	2.0	1.5	2.0	2.9	4.6	6.0	3.2	3.3	3.8	4.3	3.4	1.1	1.2	0.6	2.3	6.0
28	0.4	0.4	0.5	0.3	0.8	0.5	0.7	0.7	0.5	1.6	1.4	8.5	7.7	11.5	13.9	8.3	2.9	7.7	5.3	6.1	7.8	3.7	0.9	0.7	3.9	13.9
29	0.7	0.5	0.4	0.3	0.4	0.4	0.3	0.4	1.5	5.8	5.8	2.6	2.8	2.9	2.8	4.3	5.5	12.7	5.4	8.0	2.4	1.2	0.8	0.6	2.8	12.7
30	1.0	0.6	1.0	0.7	0.6	1.1	1.5	1.1	1.3	1.3	1.3	1.4	2.9	1.4	1.9	1.4	0.9	0.9	0.9	1.0	1.0	1.2	1.5	1.4	1.2	2.9
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	4.2	5.2	4.8	4.6	4.1	4.7	6.2	6.4	6.8	7.6	9.4	10.0	10.6	11.4	10.9	10.1	8.2	9.4	9.8	7.6	5.3	5.9	6.4	5.4		
MAX	20.0	34.1	30.1	29.4	22.7	24.1	37.7	30.1	34.7	37.9	54.0	55.4	56.2	54.1	53.3	48.9	45.2	45.7	46.5	27.6	30.6	35.0	51.9	38.4		



Number of 24HR Exceedences	1	Proposed Guideline	
Number of Non-Zero Readings	720		
Maximum 1-HR Average	56.2	UG/M3	
Maximum 24-HR Average	32.8	UG/M3	
		Operational Time	720 HRS
Monthly Calibration	0	Operational Uptime	100.0 %
Standard Deviation	9.3	Monthly Average	7.3 UG/M3

Berm PM_{10} (µg/m^3) – June 2025

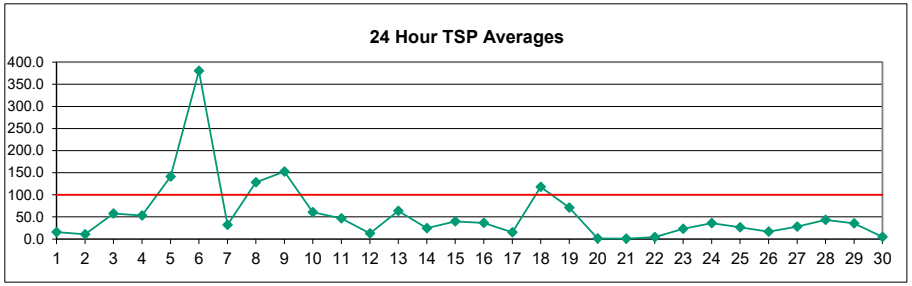
DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
1	0.4	0.2	3.3	0.2	0.2	0.1	6.3	0.5	15.5	11.6	15.6	22.1	22.7	14.0	4.7	7.3	3.6	8.7	1.2	0.8	0.6	0.5	0.6	0.4	5.9	22.7
2	0.5	6.8	2.7	0.4	0.3	0.4	5.1	12.7	6.1	6.2	4.7	5.4	2.5	5.9	5.6	4.4	30.2	3.1	3.3	4.7	1.7	6.7	1.9	1.2	5.1	30.2
3	0.4	0.5	0.2	0.2	0.7	2.1	23.7	45.9	25.0	43.9	21.1	41.9	51.4	45.2	45.5	53.5	4.8	72.3	108.2	3.6	1.5	1.8	2.0	2.6	24.9	108.2
4	2.8	1.9	2.1	2.4	4.3	6.8	7.5	7.8	21.8	39.1	50.6	37.1	29.7	32.8	41.9	32.8	26.1	50.3	61.2	132.5	11.0	4.5	2.9	3.3	25.6	132.5
5	2.8	1.8	2.4	5.1	4.0	11.2	7.8	13.4	8.3	11.8	27.0	15.2	45.5	45.0	72.6	60.8	36.1	121.9	158.1	59.4	44.3	185.7	271.2	200.7	58.8	271.2
6	82.2	170.4	147.2	136.5	55.7	89.5	203.2	154.5	181.5	169.6	138.0	81.9	132.6	259.4	173.6	191.1	61.5	198.8	183.5	134.2	44.9	100.8	49.4	51.0	133.0	259.4
7	35.8	6.1	5.0	9.2	3.6	2.7	3.2	4.0	3.4	3.8	5.7	12.0	17.8	17.5	16.5	14.5	14.6	17.4	16.8	19.0	21.8	24.0	20.0	15.7	12.9	35.8
8	14.2	19.0	19.8	18.0	21.4	21.7	28.9	25.7	24.7	21.6	19.3	30.4	39.6	81.9	58.9	124.2	133.7	74.1	132.7	123.0	141.3	79.9	102.1	44.6	58.4	141.3
9	2.3	2.2	1.6	1.4	2.5	3.5	4.3	5.6	28.5	15.7	99.2	150.5	120.3	167.4	133.6	91.7	110.6	35.0	49.3	10.8	11.3	15.5	13.7	15.7	45.5	167.4
10	15.8	16.0	17.8	15.1	12.0	19.7	31.7	18.2	16.7	17.3	17.6	17.4	18.9	17.4	17.1	19.0	14.9	13.5	15.3	17.6	17.4	18.2	20.0	19.0	17.6	31.7
11	23.0	25.7	27.8	25.4	26.1	27.7	26.5	31.4	38.9	44.8	62.0	64.1	67.3	63.5	59.4	59.4	55.8	53.5	47.1	34.6	13.3	10.4	10.0	10.7	37.9	67.3
12	10.4	7.8	7.7	12.0	14.2	9.8	15.2	18.8	11.4	11.6	11.7	16.8	21.5	20.1	19.7	20.2	15.0	7.5	5.1	5.4	5.0	3.2	4.1	3.1	11.6	21.5
13	4.0	3.2	2.6	1.7	1.3	1.1	1.0	3.3	26.8	30.4	75.4	68.5	37.1	26.2	142.3	42.0	0.6	16.3	30.7	20.5	5.4	2.8	0.6	0.3	22.7	142.3
14	0.4	0.3	1.9	0.8	0.5	0.4	3.5	5.8	3.9	13.2	25.3	17.1	11.7	12.7	49.1	34.2	14.7	19.9	3.2	4.5	0.7	0.5	0.2	0.3	9.4	49.1
15	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.7	1.9	12.1	23.1	11.4	15.4	31.6	43.1	28.3	95.0	28.4	20.7	4.3	1.5	1.2	0.9	0.9	13.5	95.0
16	1.6	3.2	1.9	2.0	1.3	3.7	13.2	23.0	8.7	20.2	29.9	46.5	17.7	28.3	21.2	22.3	9.7	51.0	77.9	39.0	2.8	2.1	3.4	3.2	18.1	77.9
17	3.0	3.3	4.4	5.0	4.5	7.0	25.8	7.7	17.3	8.9	8.5	5.6	7.4	11.8	14.9	6.9	5.4	7.2	7.2	5.1	4.6	4.0	4.4	3.3	7.6	25.8
18	2.2	2.1	2.5	2.8	3.1	9.5	11.3	42.9	32.8	71.2	129.5	172.9	309.5	67.4	12.3	59.6	58.2	8.3	22.6	6.3	30.1	27.5	34.5	23.8	47.6	309.5
19	21.3	127.7	54.8	25.8	9.2	43.2	68.4	28.3	43.4	22.8	32.8	19.0	13.3	21.3	14.3	18.1	7.4	3.8	3.3	3.9	1.6	1.9	2.3	1.2	24.6	127.7
20	1.0	1.3	1.1	1.4	1.3	1.5	1.4	1.6	1.5	1.3	2.1	2.6	2.2	2.0	2.1	0.7	2.0	1.6	1.1	0.6	0.4	0.3	0.2	0.2	1.3	2.6
21	0.5	0.4	0.2	0.2	0.1	0.3	0.1	0.1	0.0	0.0	0.1	0.3	0.4	0.3	0.5	0.5	0.9	1.3	2.5	1.8	1.6	1.6	1.7	1.2	0.7	2.5
22	1.4	1.3	1.3	1.5	1.7	2.2	2.3	3.1	4.4	5.3	4.8	10.4	13.7	7.7	5.8	4.3	3.1	2.5	4.4	4.1	2.9	2.7	5.8	4.2	4.2	13.7
23	3.1	4.6	3.7	3.7	3.7	3.8	4.2	5.8	5.6	7.7	19.2	23.9	23.3	27.3	28.8	34.5	13.4	8.7	5.4	6.0	4.7	4.3	3.5	3.9	10.5	34.5
24	2.5	2.1	1.7	1.8	1.8	2.0	2.6	9.1	17.9	27.6	21.8	23.5	19.7	35.7	20.9	24.2	19.0	44.1	26.9	13.9	4.1	3.9	5.1	3.2	14.0	44.1
25	6.3	2.0	1.8	1.7	1.9	1.9	1.8	5.0	3.8	23.8	50.0	55.7	28.2	51.0	21.1	10.6	3.8	0.8	1.9	1.5	1.1	2.8	2.5	2.8	11.8	55.7
26	1.2	2.5	2.6	1.5	1.3	1.3	1.7	2.2	3.5	8.1	8.8	5.1	28.0	65.6	17.0	7.3	8.5	1.4	1.0	0.8	1.1	1.7	1.6	1.3	7.3	65.6
27	1.2	2.2	1.3	1.5	2.4	1.5	1.5	1.7	1.7	1.4	3.2	4.0	7.1	14.6	25.6	36.8	17.5	15.5	22.0	24.4	14.7	4.3	3.8	1.3	8.8	36.8
28	1.0	0.7	1.0	0.8	2.1	1.0	1.3	1.8	1.1	5.4	5.6	38.5	37.1	49.9	54.8	35.1	10.5	43.6	30.5	29.6	40.2	17.0	1.6	1.3	17.1	54.8
29	1.2	0.7	0.4	0.3	0.4	0.4	0.3	0.4	5.6	22.6	19.3	9.3	9.1	12.5	8.6	27.1	31.7	78.5	26.9	34.2	8.1	1.8	0.8	0.6	12.5	78.5
30	1.7	0.6	1.2	0.7	0.6	1.2	2.5	1.2	2.2	2.5	3.5	4.3	13.9	4.5	6.4	3.4	1.8	1.5	1.5	1.5	1.4	1.2	1.9	1.7	2.6	13.9
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	8.2	13.9	10.8	9.3	6.1	9.3	16.9	16.1	18.8	22.7	31.2	33.8	38.8	41.3	37.9	35.8	27.0	33.0	35.7	24.9	14.7	17.8	19.1	14.1		
MAX	82.2	170.4	147.2	136.5	55.7	89.5	203.2	154.5	181.5	169.6	138.0	172.9	309.5	259.4	173.6	191.1	133.7	198.8	183.5	134.2	141.3	185.7	271.2	200.7		



Number of Non-Zero Readings	720		
Maximum 1-HR Average	309.5	UG/M3	
Maximum 24-HR Average	133.0	UG/M3	
		Operational Time	720 HRS
Monthly Calibration	0	Operational Uptime	100.0 %
Standard Deviation	38.58	Monthly Average	22.4 UG/M3

Berm TSP (µg/m^3) – June 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	MEAN	MAX
1	0.4	0.2	3.5	0.2	0.2	0.1	54.7	0.5	47.1	40.5	25.6	39.8	53.4	38.1	12.9	12.9	8.7	23.7	2.7	1.2	0.6	0.5	1.5	1.5	15.5	54.7
2	0.6	13.4	6.6	2.1	0.3	0.4	14.3	28.4	10.9	7.6	7.7	7.5	3.3	9.7	14.4	8.1	88.1	5.0	3.7	6.4	2.0	10.6	3.5	1.2	10.7	88.1
3	0.4	2.1	0.2	0.2	0.7	3.7	45.1	93.3	54.7	97.0	46.4	103.2	110.7	103.8	117.6	117.0	15.0	171.4	278.2	12.2	2.5	5.7	2.0	2.6	57.7	278.2
4	2.8	1.9	2.1	2.4	5.6	7.1	10.0	13.6	57.9	82.2	124.0	84.8	57.9	59.4	65.2	72.8	51.5	93.2	137.9	279.3	49.6	13.6	2.9	4.3	53.4	279.3
5	3.0	1.8	2.4	7.4	6.7	21.3	16.0	28.4	31.6	25.1	44.6	34.4	93.6	87.8	171.2	165.9	94.1	255.1	374.2	166.0	102.9	466.0	690.9	492.3	140.9	690.9
6	175.7	328.3	289.5	281.1	143.0	242.6	574.6	442.9	555.5	520.2	401.0	202.7	386.5	821.5	572.2	662.5	204.5	612.1	574.2	395.1	157.4	302.5	150.1	131.8	380.3	821.5
7	75.2	18.9	32.0	92.6	29.0	17.6	21.9	20.4	17.6	17.1	21.4	22.0	24.6	29.3	27.1	27.4	28.6	40.1	60.9	38.6	33.9	38.7	20.0	15.7	32.1	92.6
8	14.2	19.0	20.6	18.0	21.4	27.0	55.0	41.5	38.9	25.0	25.3	52.4	66.1	180.8	122.0	276.1	360.5	194.4	338.1	292.2	310.2	187.4	287.5	107.0	128.3	360.5
9	4.8	7.5	3.1	2.0	12.3	14.9	20.4	31.3	236.1	121.3	311.7	436.9	350.4	521.3	427.1	320.8	355.1	157.0	177.9	42.6	30.8	33.6	18.1	22.7	152.5	521.3
10	24.1	22.1	39.1	29.7	13.9	29.8	48.8	43.9	47.8	29.7	47.1	78.1	142.1	150.5	213.4	189.4	102.9	44.3	46.8	35.5	23.4	18.2	20.0	19.0	60.8	213.4
11	26.4	33.4	48.2	38.7	36.0	46.0	35.6	43.3	49.4	45.8	62.0	78.1	81.7	70.2	74.9	70.7	77.6	60.9	47.1	50.4	13.3	10.4	10.0	10.7	46.7	81.7
12	10.4	7.8	7.7	12.0	14.2	9.8	15.2	18.8	11.4	11.6	11.7	25.6	35.1	26.5	19.9	20.2	15.0	7.5	5.2	5.4	7.2	3.2	4.3	3.1	12.9	35.1
13	4.0	3.2	2.6	1.7	1.3	1.1	1.0	3.8	58.9	67.7	201.4	201.4	107.7	65.3	435.2	158.6	0.7	64.8	85.8	42.1	8.6	5.0	0.9	0.3	63.5	435.2
14	0.4	0.3	1.9	0.8	0.5	0.4	4.1	13.1	10.1	23.6	53.5	33.3	33.8	46.0	166.4	105.5	33.4	44.3	16.5	4.5	0.7	0.5	0.2	0.3	24.8	166.4
15	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.7	2.8	24.1	43.9	37.0	31.5	95.7	135.2	78.4	337.4	79.3	66.4	12.1	5.2	1.2	0.9	0.9	39.9	337.4
16	2.1	3.5	5.5	3.5	1.3	3.7	28.5	39.4	14.9	33.7	61.4	104.1	48.4	67.3	45.6	60.2	24.6	74.8	164.3	79.6	2.8	2.1	3.6	3.2	36.6	164.3
17	3.0	5.4	5.6	7.8	6.9	13.5	62.7	8.9	27.2	13.5	13.0	18.8	39.8	25.7	23.7	12.3	13.7	15.9	12.8	9.3	5.8	4.0	5.6	3.3	14.9	62.7
18	2.2	2.1	2.5	2.8	3.1	11.2	19.8	90.4	63.3	142.5	282.6	433.2	778.2	176.5	31.7	143.4	150.5	23.1	54.4	20.9	133.9	84.0	99.3	76.3	117.8	778.2
19	71.2	370.2	147.7	61.3	25.5	154.8	242.9	77.9	128.3	69.6	81.7	47.9	37.5	48.1	30.2	38.4	17.3	11.5	13.4	12.7	3.1	2.9	4.6	1.2	70.8	370.2
20	1.0	1.3	1.1	1.4	1.3	1.5	1.4	1.6	1.5	1.3	2.1	2.6	2.2	2.0	2.1	0.7	2.0	1.6	1.1	0.6	0.4	0.3	0.2	0.2	1.3	2.6
21	0.5	0.4	0.2	0.2	0.1	0.3	0.1	0.1	0.0	0.0	0.1	0.3	0.4	0.3	0.5	0.5	0.9	1.3	2.5	1.8	1.6	1.6	1.7	1.2	0.7	2.5
22	1.4	1.3	1.3	1.5	1.7	2.2	2.3	3.1	4.4	5.3	4.8	11.3	14.0	7.7	5.8	4.5	3.1	2.5	4.9	5.6	2.9	2.7	8.3	4.2	4.5	14.0
23	3.1	4.6	3.7	3.7	3.7	3.8	4.2	6.8	5.8	13.3	45.7	60.1	58.9	64.6	84.6	104.4	34.7	13.3	8.0	7.4	10.1	4.3	3.5	3.9	23.2	104.4
24	2.5	2.1	1.7	1.8	1.8	2.0	2.6	25.8	53.3	64.8	56.9	64.0	51.6	92.4	48.5	53.6	40.6	144.2	82.2	44.0	5.7	3.9	7.8	3.2	35.7	144.2
25	11.4	2.0	1.8	1.7	1.9	1.9	1.8	8.0	3.8	71.6	111.0	142.4	72.4	102.6	62.6	20.8	6.7	0.8	4.3	1.5	1.1	3.4	2.5	3.5	26.7	142.4
26	1.2	2.8	6.5	1.5	1.3	1.3	1.7	2.2	3.9	14.5	13.5	6.4	64.0	174.2	53.2	18.3	20.8	1.4	1.0	0.8	1.1	1.7	1.6	1.3	16.5	174.2
27	1.2	2.2	1.3	1.5	2.5	1.5	1.5	1.7	1.7	1.4	4.3	5.8	24.1	53.8	106.6	121.1	64.6	47.0	92.1	78.7	40.4	7.0	11.8	2.2	28.2	121.1
28	1.6	1.3	1.7	1.9	2.9	1.1	1.7	6.8	2.8	11.6	11.8	101.2	99.7	95.1	91.0	74.5	19.4	147.3	123.2	75.1	120.2	43.5	2.6	3.2	43.4	147.3
29	3.1	0.7	0.4	0.3	0.4	0.4	0.3	0.4	11.2	31.5	31.8	20.7	22.9	25.3	23.0	104.0	127.6	239.4	90.5	88.6	21.6	1.8	0.8	0.6	35.3	239.4
30	2.5	0.6	1.3	0.7	0.6	1.2	2.8	1.2	2.3	2.8	8.8	6.4	19.7	8.3	19.4	7.4	4.5	1.6	5.0	2.1	4.6	1.2	2.7	1.7	4.6	19.7
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720	100%
MEAN	15.0	28.7	21.4	19.4	11.4	20.8	43.1	36.6	51.8	53.9	71.9	82.1	97.1	108.3	106.8	101.7	76.8	86.0	95.8	60.4	36.8	42.0	45.6	30.8		
MAX	175.7	370.2	289.5	281.1	143.0	242.6	574.6	442.9	555.5	520.2	401.0	436.9	778.2	821.5	572.2	662.5	360.5	612.1	574.2	395.1	310.2	466.0	690.9	492.3		



Number of 24HR Exceedences	5	Proposed Guideline	
Number of Non-Zero Readings	720		
Maximum 1-HR Average	821.5	UG/M3	
Maximum 24-HR Average	380.3	UG/M3	
IZS Calibration Time		Operational Time	720 HRS
Monthly Calibration	0	Operational Uptime	100.0 %
Standard Deviation	107.8	Monthly Average	56.0 UG/M3