



PORT KEMBLA COAL TERMINAL LTD.



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|---------------------------------|---|
| Licencee: | Port Kembla Coal Terminal Limited |
| Environment Protection Licence: | 1625 |
| Licence URL: | http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106587&SYSUID=1&LICID=1625 |
| PKCT EPA Public Register | https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1625&id=1625&option=licence&searchrange=general&range=POEOlicence&prp=no&status=Issued |
| Location: | Port Kembla Road, Port Kembla Inner Harbour, Wollongong |
| Postal Address: | PO Box 823, Wollongong East 2502 |





PORT KEMBLA COAL TERMINAL LTD.



| EPL MONITORING SITES- INDUSTRIAL | | | Calendar Year 2024 | | | | | | | | | | | | | | | | Annual average: grams per square metre month | |
|----------------------------------|-----------------------|------------------------------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|------|---------|--------------------------|--|------|
| Monthly Analysis | | MONTH | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | MIN | MEAN | MAX | rolling 12 month average | PKCT assessment criteria | |
| EPL No. | Location Gauge Number | analysis: grams/square metre month | | | | | | | | | | | | | Samples collected | | | | | |
| 1 | P1 | Insoluble Solids | | | | | | | | | | | | | 0 | 0.0 | #DIV/0! | 0.0 | | |
| | 25m South | Ash | | | | | | | | | | | | | 0 | 0.0 | #DIV/0! | 0.0 | | |
| | BPB Coal Berth | Combustible Matter | | | | | | | | | | | | | 0 | 0.0 | #DIV/0! | 0.0 | | |
| 2 | P2 | Insoluble Solids | | | | | | | | | | | | | 0 | 0.0 | #DIV/0! | 0.0 | | |
| | 40m South of | Ash | | | | | | | | | | | | | 0 | 0.0 | #DIV/0! | 0.0 | | |
| | BPB Stockyard | Combustible Matter | | | | | | | | | | | | | 0 | 0.0 | #DIV/0! | 0.0 | | |
| 3 | P3 | Insoluble Solids | 3.8 | 6.7 | 5.6 | | | | | | | | | | 3 | 3.8 | 5.4 | 6.7 | 13.5 | 15.0 |
| | 40m East of | Ash | 2.6 | 5.0 | 4.4 | | | | | | | | | | 3 | 2.6 | 4.0 | 5.0 | | |
| | BPB Stockyard | Combustible Matter | 1.2 | 1.7 | 1.2 | | | | | | | | | | 3 | 1.2 | 1.4 | 1.7 | 2.7 | 12.0 |
| 4 | P4 | Insoluble Solids | 2.5 | 4.4 | 3.9 | | | | | | | | | | 3 | 2.5 | 3.6 | 4.4 | 4.0 | 15.0 |
| | 40m East Coal Berth | Ash | 1.3 | 2.6 | 2.0 | | | | | | | | | | 3 | 1.3 | 2.0 | 2.6 | | |
| | Stockyard | Combustible Matter | 1.2 | 1.8 | 1.9 | | | | | | | | | | 3 | 1.2 | 1.6 | 1.9 | 2.0 | 12.0 |
| 5 | P5 | Insoluble Solids | 8.4 | 6.6 | 4.9 | | | | | | | | | | 3 | 4.9 | 6.6 | 8.4 | 6.0 | 15.0 |
| | Northern Pond | Ash | 2.9 | 2.7 | 1.8 | | | | | | | | | | 3 | 1.8 | 2.5 | 2.9 | | |
| | (No.1) | Combustible Matter | 5.5 | 3.9 | 3.1 | | | | | | | | | | 3 | 3.1 | 4.2 | 5.5 | 3.5 | 12.0 |
| 6 | P6 | Insoluble Solids | 3.6 | 6.0 | 4.3 | | | | | | | | | | 3 | 3.6 | 4.6 | 6.0 | 4.8 | 15.0 |
| | 40m West Coal Berth | Ash | 1.7 | 2.8 | 2.2 | | | | | | | | | | 3 | 1.7 | 2.2 | 2.8 | | |
| | Stockyard | Combustible Matter | 1.9 | 3.2 | 2.1 | | | | | | | | | | 3 | 1.9 | 2.4 | 3.2 | 2.5 | 12.0 |
| 7 | P7 | Insoluble Solids | 4.4 | 5.3 | 4.5 | | | | | | | | | | 3 | 4.4 | 4.7 | 5.3 | 3.7 | 15.0 |
| | 260m West No.2 | Ash | 1.6 | 2.5 | 2.0 | | | | | | | | | | 3 | 1.6 | 2.0 | 2.5 | | |
| | Coalberth | Combustible Matter | 2.8 | 2.8 | 2.5 | | | | | | | | | | 3 | 2.5 | 2.7 | 2.8 | 1.5 | 12.0 |
| 8 | P8 | Insoluble Solids | 3.4 | 5.5 | 8.5 | | | | | | | | | | 3 | 3.4 | 5.8 | 8.5 | 7.3 | 15.0 |
| | PKCT North | Ash | 1.1 | 2.2 | 2.1 | | | | | | | | | | 3 | 1.1 | 1.8 | 2.2 | | |
| | Truckwash | Combustible Matter | 2.3 | 2.8 | 6.4 | | | | | | | | | | 3 | 2.3 | 3.8 | 6.4 | 5.3 | 12.0 |
| 9 | P9 | Insoluble Solids | 3.7 | 4.6 | 3.7 | | | | | | | | | | 3 | 3.7 | 4.0 | 4.6 | 3.0 | 6.0 |
| | Wollongong | Ash | 1.7 | 2.3 | 1.8 | | | | | | | | | | 3 | 1.7 | 1.9 | 2.3 | | |
| | Wastewater TP. | Combustible Matter | 2.0 | 2.3 | 1.9 | | | | | | | | | | 3 | 1.9 | 2.1 | 2.3 | 1.6 | 4.0 |
| 15 | P10 | Insoluble Solids | 3.2 | 6.5 | 8.2 | | | | | | | | | | 3 | 3.2 | 6.0 | 8.2 | 7.8 | 15.0 |
| | North of PKCT | Ash | 1.2 | 3.5 | 4.5 | | | | | | | | | | 3 | 1.2 | 3.1 | 4.5 | | |
| | Planning Office | Combustible Matter | 2.0 | 3.0 | 3.7 | | | | | | | | | | 3 | 2.0 | 2.9 | 3.7 | 3.9 | 12.0 |
| 17 | P11 | Insoluble Solids | 6.0 | 6.9 | 6.1 | | | | | | | | | | 3 | 6.0 | 6.3 | 6.9 | 4.9 | 6.0 |
| | Entry Gate BlueScope | Ash | 4.7 | 5.1 | 4.5 | | | | | | | | | | 3 | 4.5 | 4.8 | 5.1 | | |
| | RO.RO Berth (109) | Combustible Matter | 1.3 | 1.8 | 1.6 | | | | | | | | | | 3 | 1.3 | 1.6 | 1.8 | 1.1 | 4.0 |

MONTHLY REPORT: COMMENTARY ON RESULTS

Note 1: there are no EPL air quality limits in the EPL for industrial monitoring sites. Historical information provides baseline data and assessment criteria has been adopted to assess against actual results to facilitate performance improvement.

| SAMPLE PERIOD | Date Sampled | Date Results Obtained | Date Published | COMMENTARY ON RESULTS |
|---------------|--------------|-----------------------|----------------|--|
| January 2024 | 6/02/2024 | 28/02/2024 | 29/02/2024 | All results within assessment criteria |
| February 2024 | 5/03/2024 | 25/03/2024 | 25/03/2024 | All results within assessment criteria |
| March 2024 | 5/04/2024 | 22/04/2024 | 22/04/2024 | All results within assessment criteria |



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| EPL MONITORING SITES- RESIDENTIAL | | | Calendar Year 2024 | | | | | | | | | | | | Monthly Analysis | | | | annual average: grams per square metre.month | |
|-----------------------------------|-----------------------|------------------------------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|-----------------------|-----|------|--|-----|
| | | | MONTH | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | No. samples collected | MIN | MEAN | | |
| EPL No. | Location Gauge Number | Analysis: grams/square metre.month | | | | | | | | | | | | | | | | | | |
| 12 | R1 | Insoluble Solids | 1.3 | 1.6 | 0.9 | | | | | | | | | | 3 | 0.9 | 1.3 | 1.6 | 0.8 | 4.0 |
| | 157 Church St | Ash | 0.9 | 1.1 | 0.7 | | | | | | | | | 3 | 0.7 | 0.9 | 1.1 | | | |
| | Wollongong | Combustible Matter | 0.4 | 0.5 | 0.2 | | | | | | | | | 3 | 0.2 | 0.4 | 0.5 | 0.3 | | |
| 19 | R2 | Insoluble Solids | 2.6 | 0.7 | 1.2 | | | | | | | | | 3 | 0.7 | 1.5 | 2.6 | 1.0 | 4.0 | |
| | Vikings Oval | Ash | 0.9 | 0.3 | 0.7 | | | | | | | | 3 | 0.3 | 0.6 | 0.9 | | | | |
| | Wollongong | Combustible Matter | 1.7 | 0.4 | 0.5 | | | | | | | | 3 | 0.4 | 0.9 | 1.7 | 0.5 | | | 2.0 |
| TBA | R3 | Insoluble Solids | 2.3 | 2.6 | 1.2 | | | | | | | | | 3 | 1.2 | 2.0 | 2.6 | 1.9 | 4.0 | |
| | Ross Street | Ash | 1.3 | 1.6 | 0.6 | | | | | | | | 3 | 0.6 | 1.2 | 1.6 | | | | |
| | Wollongong | Combustible Matter | 1.0 | 1.0 | 0.6 | | | | | | | | 3 | 0.6 | 0.9 | 1.0 | 0.9 | | | 2.0 |

MONTHLY REPORT: COMMENTARY ON RESULTS

Note 1: Assessment criteria is based on an EPA guideline of annual average of 4 grams per square metre per month for residential areas. PKCT has adopted a level of 2 grams per square metre for combustible matter for assessment purposes.

| SAMPLE PERIOD | Date Sampled | Date Results Obtained | Date Published | COMMENTARY |
|----------------|--------------|-----------------------|----------------|--------------------------------------|
| January 2024 | 6/02/2024 | 28/02/2024 | 29/02/2024 | All sites within assessment criteria |
| February 2024 | 5/03/2024 | 25/03/2024 | 25/03/2024 | All sites within assessment criteria |
| March 2024 | 5/04/2024 | 22/04/2024 | 22/04/2024 | All sites within assessment criteria |
| April 2024 | | | | |
| May 2024 | | | | |
| June 2024 | | | | |
| July 2024 | | | | |
| August 2024 | | | | |
| September 2024 | | | | |
| October 2024 | | | | |
| November 2024 | | | | |
| December 2024 | | | | |



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SETTLEMENT LAGOON OVERFLOW: ENVIRONMENT PROTECTION LICENCE MONITORING: Licenced Discharge POINT 16

| Environment Protection Licence: 1625 Type of Monitoring: water quality Frequency: daily grab sample when discharging | | | water quality parameter | | EPL Limit (100 percentile) | |
|---|-----------------------|----------------|------------------------------------|---|------------------------------------|-----------------------|
| | | | pH | | monitoring only | |
| | | | total suspended solids (mg/L) | | less than 50 | |
| | | | oil/ grease (milligrams per litre) | | not visible | |
| Sample Date | Date Results Obtained | Date Published | pH (pH units) | total suspended solids (milligrams per litre) | oil/ grease (milligrams per litre) | Commentary on Results |
| 1/01/2024 | 28/02/2024 | 29/02/2024 | 8.22 | <5 | not visible | EPL Compliant |
| 2/01/2024 | 28/02/2024 | 29/02/2024 | 8.31 | <5 | not visible | EPL Compliant |
| 3/01/2024 | 28/02/2024 | 29/02/2024 | 7.97 | <5 | not visible | EPL Compliant |
| 4/01/2024 | 28/02/2024 | 29/02/2024 | 8.27 | <5 | not visible | EPL Compliant |
| 5/01/2024 | 28/02/2024 | 29/02/2024 | 8.38 | <5 | not visible | EPL Compliant |
| 6/01/2024 | 28/02/2024 | 29/02/2024 | 8.49 | <5 | not visible | EPL Compliant |
| 11/01/2024 | 28/02/2024 | 29/02/2024 | 9.00 | 7 | not visible | EPL Compliant |
| 12/01/2024 | 28/02/2024 | 29/02/2024 | 8.93 | <5 | not visible | EPL Compliant |
| 15/01/2024 | 28/02/2024 | 29/02/2024 | 9.20 | 8 | not visible | EPL Compliant |
| 16/01/2024 | 28/02/2024 | 29/02/2024 | 9.04 | 5 | not visible | EPL Compliant |
| 17/01/2024 | 28/02/2024 | 29/02/2024 | 8.78 | <5 | not visible | EPL Compliant |
| 18/01/2024 | 28/02/2024 | 29/02/2024 | 9.2 | <5 | not visible | EPL Compliant |
| 19/01/2024 | 28/02/2024 | 29/02/2024 | 8.8 | <5 | not visible | EPL Compliant |
| 20/01/2024 | 28/02/2024 | 29/02/2024 | 9.0 | 11 | not visible | EPL Compliant |
| 21/01/2024 | 28/02/2024 | 29/02/2024 | 9.4 | 7 | not visible | EPL Compliant |
| 22/01/2024 | 28/02/2024 | 29/02/2024 | 9.6 | 12 | not visible | EPL Compliant |
| 25/01/2024 | 28/02/2024 | 29/02/2024 | 9.0 | 11 | not visible | EPL Compliant |
| 26/01/2024 | 28/02/2024 | 29/02/2024 | 9.1 | 7 | not visible | EPL Compliant |
| 27/01/2024 | 28/02/2024 | 29/02/2024 | 9.1 | <5 | not visible | EPL Compliant |
| 28/01/2024 | 28/02/2024 | 29/02/2024 | 9.0 | 5 | not visible | EPL Compliant |
| 29/01/2024 | 28/02/2024 | 29/02/2024 | 8.6 | <5 | not visible | EPL Compliant |
| 30/01/2024 | 28/02/2024 | 29/02/2024 | 8.6 | <5 | not visible | EPL Compliant |
| 1/02/2024 | 25/03/2024 | 25/03/2024 | 8.6 | <5 | not visible | EPL Compliant |
| 1/02/2024 | 25/03/2024 | 25/03/2024 | 8.7 | <5 | not visible | EPL Compliant |
| 2/02/2024 | 25/03/2024 | 25/03/2024 | 8.8 | <5 | not visible | EPL Compliant |
| 3/02/2024 | 25/03/2024 | 25/03/2024 | 9.0 | <5 | not visible | EPL Compliant |
| 6/02/2024 | 25/03/2024 | 25/03/2024 | 9.3 | <5 | not visible | EPL Compliant |
| 7/02/2024 | 25/03/2024 | 25/03/2024 | 8.9 | 8 | not visible | EPL Compliant |
| 8/02/2024 | 25/03/2024 | 25/03/2024 | 8.6 | <5 | not visible | EPL Compliant |
| 9/02/2024 | 25/03/2024 | 25/03/2024 | 9.0 | <5 | not visible | EPL Compliant |
| 10/02/2024 | 25/03/2024 | 25/03/2024 | 8.7 | <5 | not visible | EPL Compliant |
| 11/02/2024 | 25/03/2024 | 25/03/2024 | 8.8 | <5 | not visible | EPL Compliant |
| 12/02/2024 | 25/03/2024 | 25/03/2024 | 8.8 | 8 | not visible | EPL Compliant |
| 13/02/2024 | 25/03/2024 | 25/03/2024 | 8.6 | 7 | not visible | EPL Compliant |
| 14/02/2024 | 25/03/2024 | 25/03/2024 | 8.8 | <5 | not visible | EPL Compliant |
| 15/02/2024 | 25/03/2024 | 25/03/2024 | 8.7 | 8 | not visible | EPL Compliant |

NB TSS (total suspended solids) - under EPL, a TSS water quality limit of 50mg/litre pertains. Exceedance of this limit is permitted when discharge occurs solely as a result of rainfall measured at the premises. For discharge to be considered to occur solely as a result of rainfall, the rainfall must exceed a 5 day rainfall depth value of 90 mm over a consecutive 5 day period.



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SETTLEMENT LAGOON OVERFLOW: ENVIRONMENT PROTECTION LICENCE MONITORING: Licenced Discharge POINT 16

| Environment Protection Licence: 1625 Type of Monitoring: water quality Frequency: daily grab sample when discharging | | | water quality parameter | | EPL Limit (100 percentile) | Commentary on Results |
|---|-----------------------|----------------|------------------------------------|---|------------------------------------|---|
| | | | pH | | monitoring only | |
| | | | total suspended solids (mg/L) | | less than 50 | |
| | | | oil/ grease (milligrams per litre) | | not visible | |
| Sample Date | Date Results Obtained | Date Published | pH (pH units) | total suspended solids (milligrams per litre) | oil/ grease (milligrams per litre) | |
| 16/02/2024 | 25/03/2024 | 25/03/2024 | 8.42 | <5 | not visible | EPL Compliant |
| 20/02/2024 | 25/03/2024 | 25/03/2024 | 8.49 | <5 | not visible | EPL Compliant |
| 21/02/2024 | 25/03/2024 | 25/03/2024 | 8.54 | <5 | not visible | EPL Compliant |
| 23/02/2024 | 25/03/2024 | 25/03/2024 | 8.89 | <5 | not visible | EPL Compliant |
| 24/02/2024 | 25/03/2024 | 25/03/2024 | 8.18 | <5 | not visible | EPL Compliant |
| 25/02/2024 | 25/03/2024 | 25/03/2024 | 8.18 | <5 | not visible | EPL Compliant |
| 26/02/2024 | 25/03/2024 | 25/03/2024 | 8.24 | <5 | not visible | EPL Compliant |
| 27/02/2024 | 25/03/2024 | 25/03/2024 | 8.28 | 7 | not visible | EPL Compliant |
| 28/02/2024 | 25/03/2024 | 25/03/2024 | 8.35 | 10 | not visible | EPL Compliant |
| 29/02/2024 | 25/03/2024 | 25/03/2024 | 8.59 | <5 | not visible | EPL Compliant |
| 1/03/2024 | 22/04/2024 | 23/04/2024 | 8.54 | <5 | not visible | EPL Compliant |
| 2/03/2024 | 22/04/2024 | 23/04/2024 | 8.6 | <5 | not visible | EPL Compliant |
| 4/03/2024 | 22/04/2024 | 23/04/2024 | 8.0 | 10 | not visible | EPL Compliant |
| 5/03/2024 | 22/04/2024 | 23/04/2024 | 8.5 | 8 | not visible | EPL Compliant |
| 6/03/2024 | 22/04/2024 | 23/04/2024 | 8.0 | 11 | not visible | EPL Compliant |
| 7/03/2024 | 22/04/2024 | 23/04/2024 | 8.0 | 6 | not visible | EPL Compliant |
| 8/03/2024 | 22/04/2024 | 23/04/2024 | 8.4 | 6 | not visible | EPL Compliant |
| 11/03/2024 | 22/04/2024 | 23/04/2024 | 7.3 | 9 | not visible | EPL Compliant |
| 12/03/2024 | 22/04/2024 | 23/04/2024 | 8.4 | 39 | not visible | EPL Compliant - lab analysis confirmed high TSS was as a result of an algae bloom, not coal particulate |
| 13/03/2024 | 22/04/2024 | 23/04/2024 | 8.7 | 11 | not visible | EPL Compliant |
| 14/03/2024 | 22/04/2024 | 23/04/2024 | 8.7 | 6 | not visible | EPL Compliant |
| 15/03/2024 | 22/04/2024 | 23/04/2024 | 8.2 | <5 | not visible | EPL Compliant |
| 16/03/2024 | 22/04/2024 | 23/04/2024 | 8.2 | 5 | not visible | EPL Compliant |
| 17/03/2024 | 22/04/2024 | 23/04/2024 | 8.1 | <5 | not visible | EPL Compliant |
| 18/03/2024 | 22/04/2024 | 23/04/2024 | 8.0 | <5 | not visible | EPL Compliant |
| 19/03/2024 | 22/04/2024 | 23/04/2024 | 7.9 | 14 | not visible | EPL Compliant |
| 20/03/2024 | 22/04/2024 | 23/04/2024 | 8.1 | <5 | not visible | EPL Compliant |
| 21/03/2024 | 22/04/2024 | 23/04/2024 | 8.0 | <5 | not visible | EPL Compliant |
| 22/03/2024 | 22/04/2024 | 23/04/2024 | 7.8 | <5 | not visible | EPL Compliant |
| 23/03/2024 | 22/04/2024 | 23/04/2024 | 7.0 | <5 | not visible | EPL Compliant |
| 24/03/2024 | 22/04/2024 | 23/04/2024 | 7.6 | <5 | not visible | EPL Compliant |
| 25/03/2024 | 22/04/2024 | 23/04/2024 | 7.2 | <5 | not visible | EPL Compliant |
| 26/03/2024 | 22/04/2024 | 23/04/2024 | 8.4 | <5 | not visible | EPL Compliant |
| 27/03/2024 | 22/04/2024 | 23/04/2024 | 7.5 | <5 | not visible | EPL Compliant |
| 28/03/2024 | 22/04/2024 | 23/04/2024 | 8.0 | <5 | not visible | EPL Compliant |
| 29/03/2024 | 22/04/2024 | 23/04/2024 | 7.9 | <5 | not visible | EPL Compliant |
| 30/03/2024 | 22/04/2024 | 23/04/2024 | 8.4 | <5 | not visible | EPL Compliant |
| 31/03/2024 | 22/04/2024 | 23/04/2024 | 8.3 | <5 | not visible | EPL Compliant |

NB TSS (total suspended solids) - under EPL, a TSS water quality limit of 50mg/litre pertains. Exceedance of this limit is permitted when discharge occurs solely as a result of rainfall measured at the premises. For discharge to be considered to occur solely as a result of rainfall, the rainfall must exceed a 5 day rainfall depth value of 90 mm over a consecutive 5 day period.



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2024 PKCT Sedimentation Pond Overflows - EPL 1625

Ponds location/names: TS1 pond: DP22, Central Pond: DP23, Tower 3 pond: DP24, South Pond: DP25, Workshop Pond DP26, Berth 102 DP27.

| Sample Location | Sample Date | Date Results Obtained | Date Results Published | pH (pH units) Criteria: Monitoring only | Total Suspended Solids (milligrams per litre) Criteria: Monitoring only | Oil/ Grease (milligrams per litre) Criteria: Monitoring only | Commentary on Results |
|--|-------------|-----------------------|------------------------|--|--|---|-----------------------|
| No overflows from any satellite ponds in January 2024 | | | | | | | |
| No overflows from any satellite ponds in February 2024 | | | | | | | |
| No overflows from any satellite ponds in March 2024 | | | | | | | |

PKCT Water Collection System Discharge Points



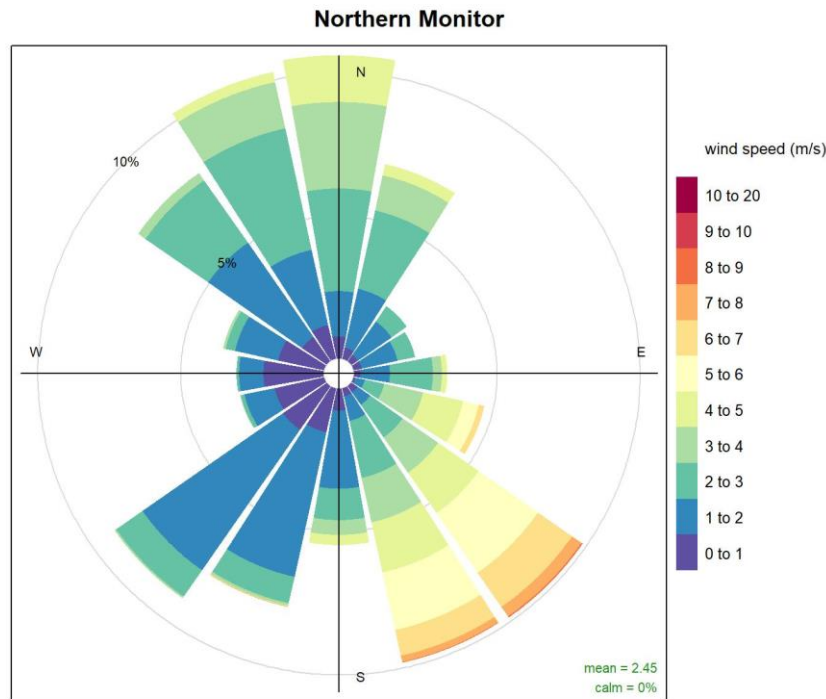


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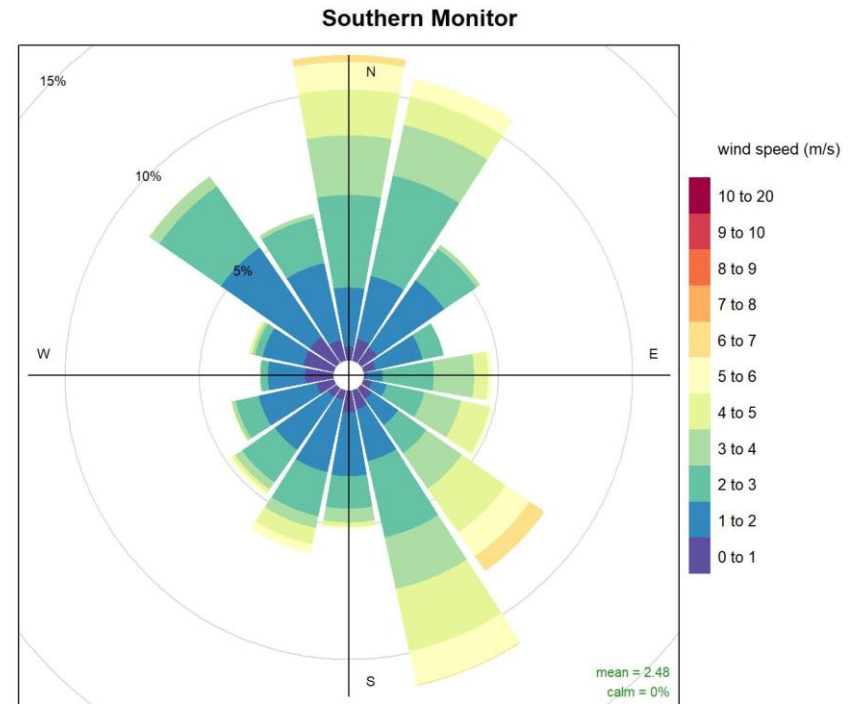
Wind Roses – March 2024

North Wind Rose



Frequency of counts by wind direction (%)

South Wind Rose



Frequency of counts by wind direction (%)



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RAINFALL (PKCT site gauge)

February 24 Rainfall = 65.4mm

March 24 Daily Rainfall

March 24 Rainfall = 51.2mm

