



PORT KEMBLA COAL TERMINAL LTD.



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 2025																Annual average: grams per square metre.month	
Monthly Analysis			Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25						
EPL No.	Location Gauge Number	analysis: grams/square metre.month													Samples collected	MIN	MEAN	MAX	rolling 12 month average	PKCT assessment criteria
3	P3	Insoluble Solids	2.4	2.6											2	2.4	2.5	2.6	15.6	15.0
	40m East of	Ash	1.7	1.6											2	1.6	1.7	1.7		
	BPB Stockyard	Combustible Matter	0.7	1.0											2	0.7	0.9	1.0		
4	P4	Insoluble Solids	3.1	2.2	4.9	3.5	2.8	4.7							6	2.2	3.5	4.9	2.5	12.0
	40m East Coal Berth	Ash	1.4	1.2	3.1	2.0	1.4	2.6							6	1.2	1.9	3.1	4.0	15.0
	Stockyard	Combustible Matter	1.7	1.0	1.8	1.6	1.4	2.1							6	1.0	1.6	2.1	2.1	12.0
5	P5	Insoluble Solids	13.7	7.2	6.7	8.3	3.9	4.2							6	3.9	7.3	13.7	7.4	15.0
	Northern Pond	Ash	4.3	2.1	2.4	2.8	1.6	1.8							6	1.6	2.5	4.3		
	(No.1)	Combustible Matter	9.4	5.1	4.3	5.6	2.3	2.4							6	2.3	4.8	9.4	4.9	12.0
6	P6	Insoluble Solids	3.3	4.5	5.7	5.2	6.0	11.8							6	3.3	6.1	11.8	5.6	15.0
	40m West Coal Berth	Ash	1.4	1.6	2.3	2.1	1.9	6.0							6	1.4	2.5	6.0		
	Stockyard	Combustible Matter	1.9	2.9	3.4	3.1	4.1	5.8							6	1.9	3.5	5.8	3.1	12.0
7	P7	Insoluble Solids	4.2	4.1	3.2	3.9	5.5	5.5							6	3.2	4.4	5.5	3.5	15.0
	260m West No.2	Ash	1.5	1.6	1.3	1.7	2.4	4.2							6	1.3	2.1	4.2		
	Coalberth	Combustible Matter	2.7	2.5	1.9	2.3	3.1	1.3							6	1.3	2.3	3.1	1.8	12.0
8	P8	Insoluble Solids	4.3	7.0	6.0	5.5	3.3	8.2							6	3.3	5.7	8.2	6.6	15.0
	PKCT North	Ash	1.4	1.9	1.8	1.7	1.1	2.7							6	1.1	1.8	2.7		
	Truckwash	Combustible Matter	2.9	5.1	4.2	3.8	2.2	5.5							6	2.2	4.0	5.5	4.8	12.0
9	P9	Insoluble Solids	4.2	5.2	3.7	5.3	2.4	2.8							6	2.4	3.9	5.3	3.4	6.0
	Wollongong	Ash	1.6	2.7	1.8	2.8	0.9	1.5							6	0.9	1.9	2.8		
	Wastewater TP.	Combustible Matter	2.6	2.5	1.9	2.5	1.5	1.3							6	1.3	2.1	2.6	1.8	4.0
15	P10	Insoluble Solids	7.0	9.6	6.2	7.7	11.9	9.4							6	6.2	8.6	11.9	8.7	15.0
	North of PKCT	Ash	3.3	4.0	3.2	3.7	4.1	5.0							6	3.2	3.9	5.0		
	Planning Office	Combustible Matter	3.7	5.6	3.0	4.0	7.8	4.4							6	3.0	4.7	7.8	4.8	12.0
17	P11	Insoluble Solids	5.9	8.4	8.1	6.9	3.1	5.0							6	3.1	6.2	8.4	5.2	6.0
	Entry Gate BlueScope	Ash	4.8	6.5	5.8	5.2	2.4	4.0							6	2.4	4.8	6.5		
	RO.RO Berth (109)	Combustible Matter	1.1	1.9	2.3	1.7	0.7	1.0							6	0.7	1.4	2.3	1.2	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 2025	5/02/2025	25/02/2025	25/02/2025	P3 results high due to outliers from multiple extreme westerly wind events in July and August 2024. Winds exceeding 90 km/hr. Breakdown of fines suggest dominant dust source is not from PKCT. January results have reduced significantly.																
February 2025	4/03/2025	27/03/2025	28/03/2025	P3 results high due to outliers from multiple extreme westerly wind events in July and August 2024. Winds exceeding 90 km/hr. Breakdown of fines suggest dominant dust source is not from PKCT. February results have remain low.																
March 2025	4/04/2025	22/04/2025	30/04/2025	P3 results high due to outliers from multiple extreme westerly wind events in July and August 2024. Winds exceeding 90 km/hr. Breakdown of fines suggest dominant dust source was not from PKCT. March results were not able to be obtained due to a broken bottle caused by heavy seas.																
April 2025	5/05/2025	22/05/2025	22/05/2025	All sites within assessment criteria. Unable to access site "P3" due to land holder identification of asbestos near deposition gauge.																
May 2025	5/06/2025	25/06/2025	26/06/2025	All sites within assessment criteria. Unable to access site "P3" due to land holder identification of asbestos near deposition gauge.																
June 2025	4/07/2025	19/07/2025	21/07/2025	All sites within assessment criteria. Unable to access site "P3" due to land holder identification of asbestos near deposition gauge.																

EPL MONITORING SITES- RESIDENTIAL			Calendar Year 2025												Monthly Analysis				annual average: grams per square metre.month	
MONTH			Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25						
EPL No.	Location Gauge Number	Analysis: grams/square metre.month													No. samples collected	MIN	MEAN	MAX	rolling 12 month average	PKCT assessment criteria
12	R1	Insoluble Solids	0.8	1.2	0.8	0.9	0.4	1.0							6	0.4	0.9	1.2	0.9	4.0
	157 Church St	Ash	0.5	0.8	0.5	0.6	0.2	0.8							6	0.2	0.6	0.8		
	Wollongong	Combustible Matter	0.3	0.4	0.3	0.3	0.2	0.2							6	0.2	0.3	0.4	0.3	2.0
19	R2	Insoluble Solids	3.9	2.4	2.4	2.3	1.2	1.1							6	1.1	2.2	3.9	2.0	4.0
	Vikings Oval	Ash	1.6	1.0	0.7	1.2	0.4	0.3							6	0.3	0.9	1.6		
	Wollongong	Combustible Matter	2.3	1.4	1.7	1.1	0.8	0.8							6	0.8	1.4	2.3	1.2	2.0
TBA	R3	Insoluble Solids	1.3	3.5	1.9	9.1	0.8	1.0							6	0.8	2.9	9.1	2.1	4.0
	Ross Street	Ash	0.6	1.4	0.9	2.2	0.4	0.9							6	0.4	1.1	2.2		
	Wollongong	Combustible Matter	0.7	2.1	1.0	6.9	0.4	0.1							6	0.1	1.9	6.9	1.2	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 2025		5/02/2024	25/02/2025		25/02/2025		All sites within assessment criteria													
February 2025		4/03/2025	27/03/2025		28/03/2025		All sites within assessment criteria													
March 2025		4/04/2025	22/04/2025		30/04/2025		All sites within assessment criteria													
April 2025		5/05/2025	22/05/2025		22/05/2025		All sites within assessment criteria. Elevated April results at location "R3" were primarily sources other than coal.													
May 2025		5/06/2025	25/06/2025		26/06/2025		All sites within assessment criteria													
June 2025		4/07/2025	19/07/2025		21/07/2025		All sites within assessment criteria													
July 2025																				
August 2025																				
September 2025																				
October 2025																				
November 2025																				
December 2025																				



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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
7/01/2025	5/02/2025	25/02/2025	7.5	<5	not visible	EPL Compliant
8/01/2025	5/02/2025	25/02/2025	8.0	<5	not visible	EPL Compliant
10/01/2025	5/02/2025	25/02/2025	7.7	<5	not visible	EPL Compliant
11/01/2025	5/02/2025	25/02/2025	7.7	<5	not visible	EPL Compliant
12/01/2025	5/02/2025	25/02/2025	7.7	<5	not visible	EPL Compliant
16/01/2025	5/02/2025	25/02/2025	7.3	<5	not visible	EPL Compliant
17/01/2025	5/02/2025	25/02/2025	7.2	<5	not visible	EPL Compliant
18/01/2025	5/02/2025	25/02/2025	7.3	<5	not visible	EPL Compliant
19/01/2025	5/02/2025	25/02/2025	7.2	6	not visible	EPL Compliant
24/01/2025	5/02/2025	25/02/2025	7.2	9	not visible	EPL Compliant
14/02/2025	27/03/2025	28/03/2025	7.9	<5	not visible	EPL Compliant
15/02/2025	27/03/2025	28/03/2025	8.3	8	not visible	EPL Compliant
16/02/2025	27/03/2025	28/03/2025	8.2	<5	not visible	EPL Compliant
11/03/2025	4/04/2025	22/04/2025	9.0	6	not visible	EPL Compliant
12/03/2025	4/04/2025	22/04/2025	8.6	<5	not visible	EPL Compliant
13/03/2025	4/04/2025	22/04/2025	8.7	8	not visible	EPL Compliant
20/03/2025	4/04/2025	22/04/2025	8.7	6	not visible	EPL Compliant
21/03/2025	4/04/2025	22/04/2025	8.2	<5	not visible	EPL Compliant
23/03/2025	4/04/2025	22/04/2025	8.3	<5	not visible	EPL Compliant
28/03/2025	4/04/2025	22/04/2025	8.3	<5	not visible	EPL Compliant
29/03/2025	4/04/2025	22/04/2025	8.1	<5	not visible	EPL Compliant
30/03/2025	4/04/2025	22/04/2025	7.9	<5	not visible	EPL Compliant
31/03/2025	4/04/2025	22/04/2025	7.6	<5	not visible	EPL Compliant
1/04/2025	22/05/2025	22/05/2025	7.1	<5	not visible	EPL Compliant
2/04/2025	22/05/2025	22/05/2025	7.6	7	not visible	EPL Compliant
3/04/2025	22/05/2025	22/05/2025	7.8	11	not visible	EPL Compliant
22/04/2025	22/05/2025	22/05/2025	8.7	<5	not visible	EPL Compliant
23/04/2025	22/05/2025	22/05/2025	8.6	6	not visible	EPL Compliant
24/04/2025	22/05/2025	22/05/2025	8.2	8	not visible	EPL Compliant
25/04/2025	22/05/2025	22/05/2025	8.3	<5	not visible	EPL Compliant
26/04/2025	22/05/2025	22/05/2025	8.5	<5	not visible	EPL Compliant
27/04/2025	22/05/2025	22/05/2025	8.3	<5	not visible	EPL Compliant
28/04/2025	22/05/2025	22/05/2025	8.2	<5	not visible	EPL Compliant
29/04/2025	22/05/2025	22/05/2025	8.1	6	not visible	EPL Compliant
30/04/2025	22/05/2025	22/05/2025	8.1	6	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)	
			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
1/05/2025	25/06/2025	26/06/2025	7.9	<5	not visible	EPL Compliant
2/05/2025	25/06/2025	26/06/2025	8.1	<5	not visible	EPL Compliant
3/05/2025	25/06/2025	26/06/2025	7.9	6	not visible	EPL Compliant
4/05/2025	25/06/2025	26/06/2025	8.2	9	not visible	EPL Compliant
5/05/2025	25/06/2025	26/06/2025	8.4	8	not visible	EPL Compliant
6/05/2025	25/06/2025	26/06/2025	8.7	8	not visible	EPL Compliant
7/05/2025	25/06/2025	26/06/2025	8.4	8	not visible	EPL Compliant
8/05/2025	25/06/2025	26/06/2025	8.7	<5	not visible	EPL Compliant
9/05/2025	25/06/2025	26/06/2025	8.8	9	not visible	EPL Compliant
10/05/2025	25/06/2025	26/06/2025	8.7	6	not visible	EPL Compliant
11/05/2025	25/06/2025	26/06/2025	8.5	20	not visible	EPL Compliant
12/05/2025	25/06/2025	26/06/2025	9.2	10	not visible	EPL Compliant
13/05/2025	25/06/2025	26/06/2025	8.5	<5	not visible	EPL Compliant
14/05/2025	25/06/2025	26/06/2025	8.5	<5	not visible	EPL Compliant
15/05/2025	25/06/2025	26/06/2025	8.9	10	not visible	EPL Compliant
16/05/2025	25/06/2025	26/06/2025	8.2	7	not visible	EPL Compliant
17/05/2025	25/06/2025	26/06/2025	8.1	7	not visible	EPL Compliant
18/05/2025	25/06/2025	26/06/2025	8.3	<5	not visible	EPL Compliant
19/05/2025	25/06/2025	26/06/2025	8.5	6	not visible	EPL Compliant
20/05/2025	25/06/2025	26/06/2025	8.0	<5	not visible	EPL Compliant
21/05/2025	25/06/2025	26/06/2025	8.3	8	not visible	EPL Compliant
22/05/2025	25/06/2025	26/06/2025	7.4	6	not visible	EPL Compliant
24/05/2025	25/06/2025	26/06/2025	7.8	<5	not visible	EPL Compliant
25/05/2025	25/06/2025	26/06/2025	7.8	<5	not visible	EPL Compliant
26/05/2025	25/06/2025	26/06/2025	7.9	<5	not visible	EPL Compliant
27/05/2025	25/06/2025	26/06/2025	7.7	<5	not visible	EPL Compliant
28/05/2025	25/06/2025	26/06/2025	7.9	<5	not visible	EPL Compliant
29/05/2025	25/06/2025	26/06/2025	7.9	<5	not visible	EPL Compliant
30/05/2025	25/06/2025	26/06/2025	7.8	<5	not visible	EPL Compliant
31/05/2025	25/06/2025	26/06/2025	7.9	<5	not visible	EPL Compliant
3/06/2025	19/07/2025	21/07/2025	8.3	<5	not visible	EPL Compliant
4/06/2025	19/07/2025	21/07/2025	8.2	<5	not visible	EPL Compliant
5/06/2025	19/07/2025	21/07/2025	8.2	5	not visible	EPL Compliant
13/06/2025	19/07/2025	21/07/2025	8.3	<5	not visible	EPL Compliant
14/06/2025	19/07/2025	21/07/2025	8.3	<5	not visible	EPL Compliant
15/06/2025	19/07/2025	21/07/2025	8.5	<5	not visible	EPL Compliant
16/06/2025	19/07/2025	21/07/2025	8.5	<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.

2025 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 2025							
No overflows from any satellite ponds in February 2025							
No overflows from any satellite ponds in March 2025							
No overflows from any satellite ponds in Apr 2025							
No overflows from any satellite ponds in May 2025							
No overflows from any satellite ponds in June 2025							

PKCT Water Collection System Discharge Points



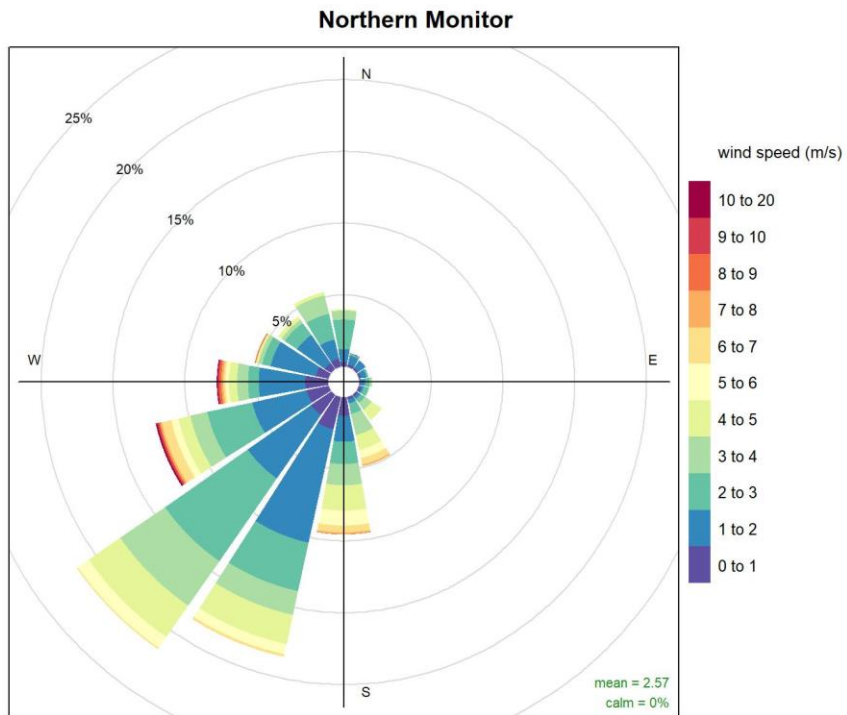


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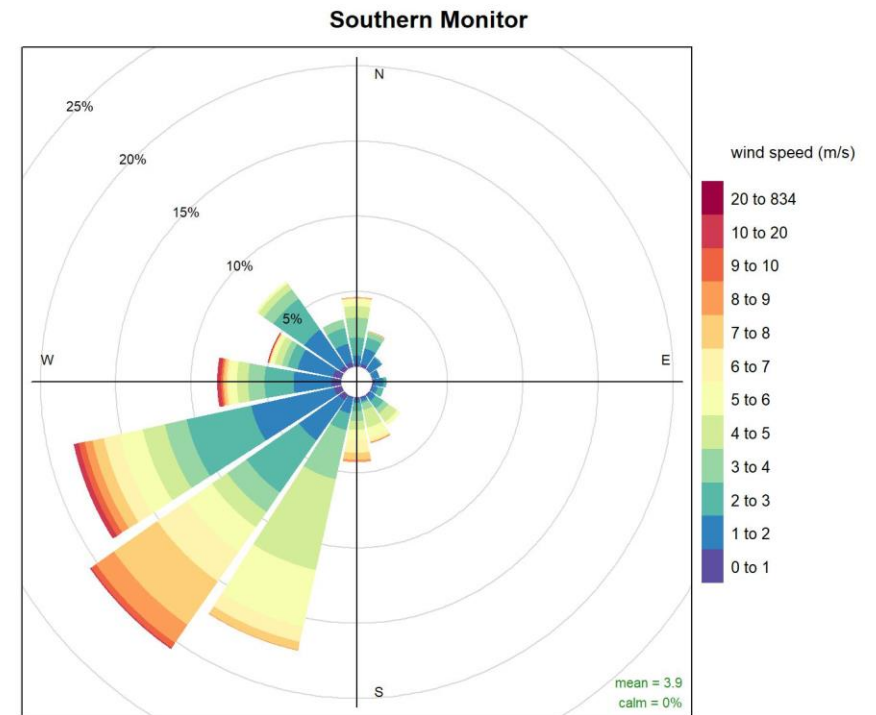


North Wind Rose – June 2025

South Wind Rose – June 2025



Frequency of counts by wind direction (%)



Frequency of counts by wind direction (%)



PORT KEMBLA COAL TERMINAL LTD.



RAINFALL (PKCT site gauge)

