



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- 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	0.5	0.6	1.1	2.3			10	0.4	1.0	2.3	1.0	4.0
	157 Church St	Ash	0.5	0.8	0.5	0.6	0.2	0.8	0.3	0.4	0.6	0.7			10	0.2	0.5	0.8		
	Wollongong	Combustible Matter	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.5	1.6			10	0.2	0.4	1.6	0.4	2.0
19	R2	Insoluble Solids	3.9	2.4	2.4	2.3	1.2	1.1	0.8	0.9	2.3	1.3			10	0.8	1.9	3.9	2.0	4.0
	Vikings Oval	Ash	1.6	1.0	0.7	1.2	0.4	0.3	0.5	0.4	0.5	0.8			10	0.3	0.7	1.6		
	Wollongong	Combustible Matter	2.3	1.4	1.7	1.1	0.8	0.8	0.3	0.5	1.8	0.5			10	0.3	1.1	2.3	1.2	2.0
TBA	R3	Insoluble Solids	1.3	3.5	1.9	9.1	0.8	1.0	0.2	0.7	1.3	0.1			10	0.1	2.0	9.1	1.9	4.0
	Ross Street	Ash	0.6	1.4	0.9	2.2	0.4	0.9	0.2	0.4	0.6	0.1			10	0.1	0.8	2.2		
	Wollongong	Combustible Matter	0.7	2.1	1.0	6.9	0.4	0.1	<0.1	0.3	0.7	0.1			9	0.1	1.4	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.																				
Note 2: With regard to the data reported and consideration of PKCT's contribution to dust emissions, it is noted that ambient air quality is impacted on by numerous dust sources industrial and otherwise within and beyond the Wollongong region and																				
SAMPLE PERIOD	Date Sampled	Date Results Obtained	Date Published	COMMENTARY																
January 2025	05/02/2024	25/02/2025	25/02/2025	All sites within assessment criteria																
February 2025	04/03/2025	27/03/2025	28/03/2025	All sites within assessment criteria																
March 2025	04/04/2025	22/04/2025	30/04/2025	All sites within assessment criteria																
April 2025	05/05/2025	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	05/06/2025	25/06/2025	26/06/2025	All sites within assessment criteria																
June 2025	04/07/2025	19/07/2025	21/07/2025	All sites within assessment criteria																
July 2025	05/08/2025	21/08/2025	21/08/2025	All sites within assessment criteria																
August 2025	04/09/2025	23/09/2026	23/09/2026	All sites within assessment criteria																
September 2025	10/03/2025	20/10/2025	25/10/2025	All sites within assessment criteria																
October 2025	5/11/2025	24/11/2025	28/11/2025	All sites within assessment criteria																
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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			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.



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Sample Date	Date Results Obtained	Date Published	pH (pH units)	total suspended solids (milligrams per litre)	oil/ grease (milligrams per litre)	Commentary on Results
1/7/2025	21/08/2025	21/08/2025	7.6	9	not visible	EPL Compliant
2/7/2025	21/08/2025	21/08/2025	7.6	13	not visible	EPL Compliant
3/7/2025	21/08/2025	21/08/2025	7.7	<5	not visible	EPL Compliant
4/7/2025	21/08/2025	21/08/2025	7.4	<5	not visible	EPL Compliant
5/7/2025	21/08/2025	21/08/2025	7.4	<5	not visible	EPL Compliant
6/7/2025	21/08/2025	21/08/2025	7.5	<5	not visible	EPL Compliant
7/7/2025	21/08/2025	21/08/2025	7.6	6	not visible	EPL Compliant
8/7/2025	21/08/2025	21/08/2025	6.8	<5	not visible	EPL Compliant
9/7/2025	21/08/2025	21/08/2025	7.9	<5	not visible	EPL Compliant
10/7/2025	21/08/2025	21/08/2025	7.8	<5	not visible	EPL Compliant
12/7/2025	21/08/2025	21/08/2025	7.2	<5	not visible	EPL Compliant
30/7/2025	21/08/2025	21/08/2025	8.8	<5	not visible	EPL Compliant
31/7/2025	21/08/2025	21/08/2025	8.6	<5	not visible	EPL Compliant
1/8/2025	12/8/2025	23/09/2025	7.9	<5	not visible	EPL Compliant
2/8/2025	12/8/2025	23/09/2025	7.7	6	not visible	EPL Compliant
3/8/2025	12/8/2025	23/09/2025	7.5	7	not visible	EPL Compliant
4/8/2025	12/8/2025	23/09/2025	7.5	<5	not visible	EPL Compliant
5/8/2025	12/8/2025	23/09/2025	7.5	<5	not visible	EPL Compliant
6/8/2025	12/8/2025	23/09/2025	7.5	<5	not visible	EPL Compliant
7/8/2025	12/8/2025	23/09/2025	7.6	<5	not visible	EPL Compliant
8/8/2025	12/8/2025	23/09/2025	7.6	<5	not visible	EPL Compliant
9/8/2025	12/8/2025	23/09/2025	7.4	<5	not visible	EPL Compliant
10/8/2025	12/8/2025	23/09/2025	7.4	<5	not visible	EPL Compliant
11/8/2025	19/08/2025	23/09/2025	7.3	<5	not visible	EPL Compliant
12/8/2025	19/08/2025	23/09/2025	8.1	<5	not visible	EPL Compliant
13/08/2025	19/08/2025	23/09/2025	8.0	6	not visible	EPL Compliant
14/08/2025	19/08/2025	23/09/2025	8.0	6	not visible	EPL Compliant
15/08/2025	19/08/2025	23/09/2025	7.8	<5	not visible	EPL Compliant
16/08/2025	19/08/2025	23/09/2025	7.8	<5	not visible	EPL Compliant
17/08/2025	19/08/2025	23/09/2025	7.4	<5	not visible	EPL Compliant
18/08/2025	2/9/2025	23/09/2025	8.0	<5	not visible	EPL Compliant
19/08/2025	2/9/2025	23/09/2025	7.5	<5	not visible	EPL Compliant
20/08/2025	2/9/2025	23/09/2025	7.7	<5	not visible	EPL Compliant
21/08/2025	2/9/2025	23/09/2025	7.7	73	not visible	EPL Compliant - Excessive rain event over 5 day period (114.6mm of rainfall) with 57.8mm on the day of overflow
22/08/2025	2/9/2025	23/09/2025	7.6	18	not visible	EPL Compliant
23/08/2025	2/9/2025	23/09/2025	7.8	<5	not visible	EPL Compliant
24/08/2025	2/9/2025	23/09/2025	8.0	<5	not visible	EPL Compliant
25/08/2025	2/9/2025	23/09/2025	8.2	<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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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							
No overflows from any satellite ponds in July 2025							
DP22 - TS1 Pond	21/8/2025	27/8/2024	23/09/2025	7.4	83	not visible	Overflow of TS1 Pond occurred after a heavy rain period (114.6mm) in a 5 day period leading up to the overflow. Pond sediment levels were below the required 20% and no pump failures occurred. Pond and pump capacity could not keep up with the inflows. Discharge is permitted under PKCT's licence conditions.
DP22 - TS1 Pond	9/10/2025	18/9/2025	23/10/2026	7.4	111	not visible	Overflow of TS1 Pond occurred after a heavy rain period (126.6mm) in a 48 hour period leading up to the overflow. Pond sediment levels were below the required 20% and no pump failures occurred. Pond and pump capacity could not keep up with the inflows. Discharge is permitted under PKCT's licence conditions.
DP23 - Central Pond	9/10/2025	18/9/2025	23/10/2027	6.48	210	not visible	Overflow of Central Pond occurred after a heavy rain period (126.6mm) in a 48 hour period leading up to the overflow. Pond sediment levels were below the required 20% and no pump failures occurred. Pond and pump capacity could not keep up with the inflows. Discharge is permitted under PKCT's licence conditions.
No overflows from any satellite ponds in October 2025							

PKCT Water Collection System Discharge Points



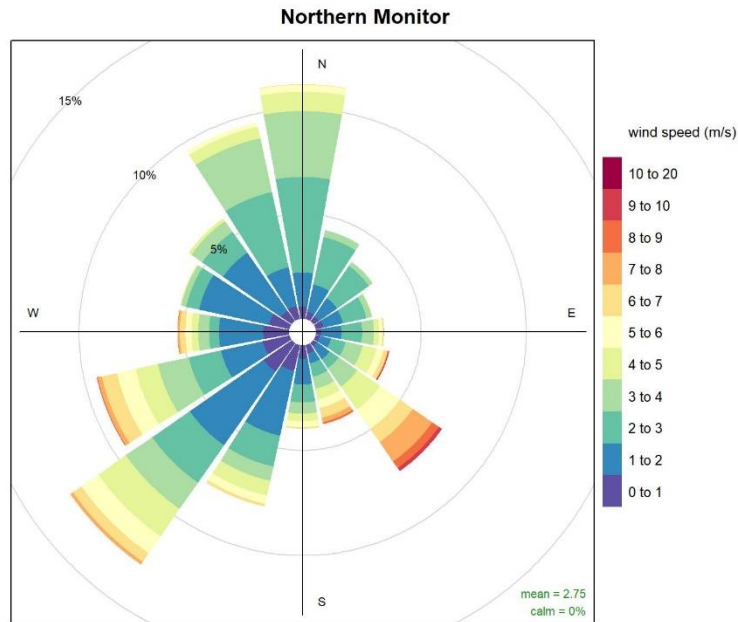


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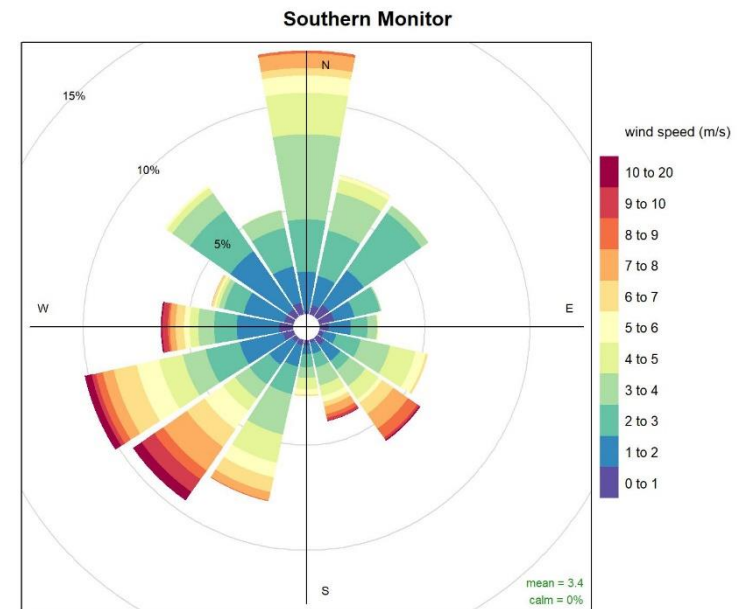


North Wind Rose – October 2025

South Wind Rose – October 2025



Frequency of counts by wind direction (%)



Frequency of counts by wind direction (%)



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RAINFALL (PKCT site gauge)

