

Macka's Sand - EPL 13218

Monthly Air Quality Monitoring

Licence Holder

Date Sampled	Depositional Dust - Total Insoluble Solid (g/m ² /month)				Comments
	Samples required by licence	Samples analysed	DDG1 - Lot 220	DDG2 - Lot 218	
26/06/2023	2	2	0.1	0.1	
-	2	2	-	-	Samples damaged during transit.
26/08/2023	2	2	0.2	3.4	
26/09/2023	2	1	N/A	4.8	Sample DDG1 broken in field.
27/10/2023	2	2	0.2	14.2	
24/11/2023	2	2	0.4	0.5	
22/12/2023	2	2	6.5	2.5	Bushfire occurred in close proximity of DDG1 during December
25/01/2024	2	2	2.5	4.6	Agricultural disturbance around DDG2
29/02/2024	2	2	6.0	15.0	Agricultural activity in proximity to both gauges
28/03/2024	2	2	15.7	14.2	Agricultural ploughing in proximity to DDG1, earthworks (dam cleanout) near DDG2
2/05/2024	2	2	3.5	7.5	Agricultural activity around DDG2
2/06/2024	2	2	2.9	3.9	Green algae in samples
1/08/2024	2	2	0.2	8.5	Green algae in samples
5/09/2024	2	2	0.4	9.3	Green algae in samples
3/10/2024	2	2	0.5	21.9	Crop slashing DDG1, Bird droppings in funnel DDG2
7/11/2024	2	2	1.4	9.9	Ploughing /slashing DDG1
5/12/2024	2	2	9.0	10.2	Algae and insects in DDG1, Film village and vehicles track near DDG2
8/01/2025	2	2	0.7	6.8	Agricultural activity near DDG1, vehicle tracks near DDG2
6/02/2025	2	2	0.4	3.6	
Annual mean value as of 7/11/2024 ¹			1.8	10.0	
Annual min value as of 7/11/2024 ¹			0.2	3.6	
Annual max value as of 7/11/2024 ¹			9.0	21.9	

Note:

Bold values indicate results greater than laboratory Limit of Reporting (0.1 g/m²/month)

¹Annual min, mean and max values are calculated from data collected during the current EPL reporting period (June 30th 2024 - current date).