

Dixon Sand Quarry Hearses Rd and intersection of Wisemans Ferry Rd
Maroota NSW 2756

TEOM PM10 Monitoring Data
EPL 12513 Point 1

Sampling Frequency Monthly summary
Date Sampled Continuous (15min)

Results Obtained 29/11/2021
Results Published 29/11/2021

Point 1 Oct-21	24 Hour PM ₁₀ (ug/m ³)	Annual PM ₁₀ Average (ug/m ³)	EPA Short Term Impact Assessment	EPA Long Term Impact Assessment	Rolling 24 hour PM ₁₀ EPL Criteria Value	Requirement Met	Notes
			Annual PM10 Ave EPL Ave Criteria	24 hour PM10 Ave NEPM Criteria			
1/10/2021	9.5	13.4	30	50	42	Yes	
2/10/2021	6.9	13.3	30	50	42	Yes	
3/10/2021	5.9	13.2	30	50	42	Yes	
4/10/2021	7.6	13.2	30	50	42	Yes	
5/10/2021	24.9	13.3	30	50	42	Yes	
6/10/2021	18.9	13.3	30	50	42	Yes	
7/10/2021	31.7	13.5	30	50	42	Yes	
8/10/2021	29.8	13.7	30	50	42	Yes	
9/10/2021	41.9	14.0	30	50	42	Yes	
10/10/2021	20.2	14.0	30	50	42	Yes	
11/10/2021	4.8	13.9	30	50	42	Yes	
12/10/2021	8.5	13.9	30	50	42	Yes	
13/10/2021	7.6	13.8	30	50	42	Yes	
14/10/2021	16.8	13.9	30	50	42	Yes	
15/10/2021	11.6	13.8	30	50	42	Yes	
16/10/2021	6.7	13.8	30	50	42	Yes	
17/10/2021	10.4	13.7	30	50	42	Yes	
18/10/2021	23.5	13.8	30	50	42	Yes	
19/10/2021	22.6	13.9	30	50	42	Yes	
20/10/2021	9.4	13.9	30	50	42	Yes	
21/10/2021	9.4	13.8	30	50	42	Yes	
22/10/2021	12.0	13.8	30	50	42	Yes	
23/10/2021	13.4	13.8	30	50	42	Yes	
24/10/2021	13.0	13.8	30	50	42	Yes	
25/10/2021	15.8	13.8	30	50	42	Yes	
26/10/2021	19.2	13.9	30	50	42	Yes	
27/10/2021	20.6	13.9	30	50	42	Yes	
28/10/2021	26.2	14.0	30	50	42	Yes	
29/10/2021	44.4	14.3	30	50	42	Yes	24-Hour average PM10 exceeded the EPL criteria of 42 ug/m3. The exceedance occurred after Quarry operation hours. RFS issued a fire danger warning and warm & windy conditions for the day. Also, there was a small bushfire at South Maroota on the day.
30/10/2021	18.7	14.3	30	50	42	Yes	
31/10/2021	13.7	14.3	30	50	42	Yes	

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Static Dust
EPL 12513 Point 3

Number of Days: 28
Date On: 21/09/2021
Date Off: 19/10/2021
Time Sampled: 11:33 AM
Sampled by: TW & DW (VGT)

Results Obtained 27/10/2021
Results Published 28/10/2021

Oct-21	Deposited Dust g/m2/mth	Annual Average (Jul21-Jun22) g/m2/mth	Annual Average Limit g/m2/mth	Requirement Met	Notes
Point 3	7.0	4.2	4.0	No	The likely cause of the elevated monthly dust deposition levels which led to the annual average being exceeded is due to agricultural activities in the immediate area surrounding the dust gauge. The paddocks have been slashed and rotary hoed by the farmer in preparation for crop plantation. This has resulted in a substantial area of exposed ground. The closest active quarry operations during this monitoring period is located approximately 1 km to the south of the dust gauge on Lot 216.