

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 4/12/2015
Results Published 17/12/2015

Point 1 Nov-15	24 Hour PM ₁₀ (ug/m ³)	Annual PM ₁₀ Average (ug/m ³)	Annual PM ₁₀ Average Criteria	24 hour PM ₁₀ NEPM Criteria	24 hour PM ₁₀ EPL Trigger Value	Requirement Met	Notes
1/11/2015	10.6	11.0	30	50	42	Yes	
2/11/2015	9.8	10.9	30	50	42	Yes	
3/11/2015	7.7	10.9	30	50	42	Yes	
4/11/2015	5.1	10.9	30	50	42	Yes	
5/11/2015	8.3	10.9	30	50	42	Yes	
6/11/2015	6.6	10.8	30	50	42	Yes	
7/11/2015	11.0	10.8	30	50	42	Yes	
8/11/2015	11.7	10.8	30	50	42	Yes	
9/11/2015	11.0	10.8	30	50	42	Yes	
10/11/2015	12.3	10.8	30	50	42	Yes	
11/11/2015	13.8	10.9	30	50	42	Yes	
12/11/2015	9.3	10.9	30	50	42	Yes	
13/11/2015	8.0	10.8	30	50	42	Yes	
14/11/2015	8.6	10.8	30	50	42	Yes	
15/11/2015	9.6	10.8	30	50	42	Yes	
16/11/2015	8.9	10.8	30	50	42	Yes	
17/11/2015	11.0	10.8	30	50	42	Yes	
18/11/2015	16.1	10.8	30	50	42	Yes	
19/11/2015	22.2	10.9	30	50	42	Yes	
20/11/2015	29.8	11.0	30	50	42	Yes	
21/11/2015	21.1	11.1	30	50	42	Yes	
22/11/2015	18.9	11.2	30	50	42	Yes	
23/11/2015	22.7	11.2	30	50	42	Yes	
24/11/2015	20.2	11.3	30	50	42	Yes	
25/11/2015	19.8	11.4	30	50	42	Yes	
26/11/2015	42.6	11.6	30	50	42	Yes	Dixon quarry did not operate at both sites during the times of the high TEOM results which occurred outside the quarry operation time. The 26/11/15 experienced strong westerly winds with dry and hot temperature. A low pressure cell moved through the area in the early evening. The PM10 exceedance was therefore likely to be attributed to the strong winds generating excess dust in the region. The water cart had been in use throughout the day to suppress dust on site.
27/11/2015	28.4	11.7	30	50	42	Yes	
28/11/2015	21.5	11.8	30	50	42	Yes	
29/11/2015	18.6	11.8	30	50	42	Yes	
30/11/2015	19.7	11.8	30	50	42	Yes	

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Static Dust
EPL 12513

Sampling Frequency: Monthly
Date Sampled: 19/11/2015
Time Sampled: 11:08 AM
Sampled by: TW (VGT)

Results Obtained 27/11/2015
Results Published 10/12/2015

Nov-15	Deposited Dust g/m2/mth	Annual Average (Jul15-Jun16) mg/m2	Annual Average Limit g/m2	Requirement Met	Notes
Point 3	1.4	5.6	4.0	No	High deposited dust results were recorded for the August and September 2015 monitoring periods. The result for the October and November 2015 monitoring periods have reduced significantly, however the annual average remains higher than the annual average criteria. High dust result was likely to be attributed to agricultural operations and slashing of vegetation in the vicinity of the dust gauge. Current quarry operations are located approx. 780m to the south of the dust gauge.