

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 12/03/2018
Results Published 12/03/2018

Point 1 Feb-18	24 Hour PM ₁₀ (ug/m ³)	Annual PM ₁₀ Average (ug/m ³)	EPA Short Term Impact Assessment	EPA Long Term Impact Assessment	24 hour PM ₁₀ EPL Criteria Value	Requirement Met	Notes
			Annual PM10 Ave EPL Ave Criteria	24 hour PM10 Ave NEPM Criteria			
1/02/2018	19.3	14.7	30	50	42	Yes	
2/02/2018	9.8	14.6	30	50	42	Yes	
3/02/2018	11.1	14.6	30	50	42	Yes	
4/02/2018	7.6	14.6	30	50	42	Yes	
5/02/2018	7.7	14.5	30	50	42	Yes	
6/02/2018	9.9	14.5	30	50	42	Yes	
7/02/2018	11.0	14.5	30	50	42	Yes	
8/02/2018	14.9	14.5	30	50	42	Yes	
9/02/2018	34.1	14.6	30	50	42	Yes	
10/02/2018	20.4	14.6	30	50	42	Yes	
11/02/2018	19.2	14.6	30	50	42	Yes	
12/02/2018	24.7	14.7	30	50	42	Yes	
13/02/2018	22.8	14.7	30	50	42	Yes	
14/02/2018	31.7	14.8	30	50	42	Yes	
15/02/2018	52.6	15.0	30	50	42	No	Bushfire in the Wollemi National Park and Putty State Forest area affecting air quality (fire burnt more than 8000 hectares of land). Calm condition with haze observed at the Quarry the time of the alarm. Quarry activities were not the cause of the TEOM PM10 exceedance.
16/02/2018	38.1	15.1	30	50	42	Yes	
17/02/2018	25.4	15.2	30	50	42	Yes	
18/02/2018	26.6	15.2	30	50	42	Yes	
19/02/2018	20.5	15.2	30	50	42	Yes	
20/02/2018	13.0	15.2	30	50	42	Yes	
21/02/2018	11.0	15.2	30	50	42	Yes	
22/02/2018	13.7	15.2	30	50	42	Yes	
23/02/2018	19.6	15.2	30	50	42	Yes	
24/02/2018	12.2	15.1	30	50	42	Yes	
25/02/2018	7.3	15.1	30	50	42	Yes	
26/02/2018	7.4	15.1	30	50	42	Yes	
27/02/2018	11.1	15.1	30	50	42	Yes	
28/02/2018	16.6	15.1	30	50	42	Yes	

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Static Dust
EPL 12513 Point 3

Number of Days: 28
Date On: 11/01/2018
Date Off: 8/02/2018
Time Sampled: 8:16 AM
Sampled by: DW (VGT)

Results Obtained 19/02/2018
Results Published 21/02/2018

Feb-18	Deposited Dust g/m2/mth	Annual Average (Jul16-Jun17) g/m2/mth	Annual Average Limit g/m2/mth	Requirement Met	Notes
Point 3	0.5	9.4	4.0	No	Main quarry operations in Stage 2 located approximately 800 metres from the dust gauge. Water cart had been in use. Monthly dust deposition result for February 2018 complied with the EPL criteria however the annual dust deposition average is still in exceedance due to high monthly results from previous monitoring months in 2017. The monthly and annual average dust deposition levels are on decline since the June 2017 monitoring period.