

Dixon Sand Quarry Old Northern Road, Maroota NSW 2756

TEOM PM10 Monitoring Data

EPL 3916 Point 2

Sampling Frequency Monthly summary  
Date Sampled Continuous (15min)

Results Obtained 17/04/2018  
Results Published 18/04/2018

Point 2	24 Hour PM <sub>10</sub>	Annual PM <sub>10</sub>	EPA Short Term Impact Assessment	EPA Long Term Impact Assessment	24 hour PM <sub>10</sub>	Requirement	Notes
			Annual PM10 Ave	24 hour PM10 Ave			
Mar-18	(ug/m <sup>3</sup> )	Average (ug/m <sup>3</sup> )	EPL Ave Criteria	NEPM Criteria	EPL Criteria Value	Met	
1/03/2018	28.8	15.1	30	50	42	Yes	
2/03/2018	17.2	15.1	30	50	42	Yes	
3/03/2018	18.6	15.2	30	50	42	Yes	
4/03/2018	24.4	15.2	30	50	42	Yes	
5/03/2018	22.4	15.2	30	50	42	Yes	
6/03/2018	10.7	15.2	30	50	42	Yes	
7/03/2018	11.6	15.2	30	50	42	Yes	
8/03/2018	9.7	15.2	30	50	42	Yes	
9/03/2018	10.7	15.2	30	50	42	Yes	
10/03/2018	11.4	15.1	30	50	42	Yes	
11/03/2018	14.1	15.1	30	50	42	Yes	
12/03/2018	15.4	15.1	30	50	42	Yes	
13/03/2018	13.5	15.1	30	50	42	Yes	
14/03/2018	16.2	15.1	30	50	42	Yes	
15/03/2018	23.3	15.2	30	50	42	No	
16/03/2018	28.1	15.2	30	50	42	Yes	
17/03/2018	27.8	15.3	30	50	42	Yes	
18/03/2018	29.1	15.3	30	50	42	Yes	
19/03/2018	59.3	15.5	30	50	42	Yes	EPA Self Report Ref C03751-2018 (reported on 19/03/18 - EPL3916, 14:55pm) : The requirements of EPL3916 condition M2.4 was followed. The quarry attempted to minimise dust generation on site immediately by utilising the water cart for dust suppression. A review of the TEOM and meteorological data indicates that the 5 minute PM10 readings have been increasing since midnight of 19/03/18 due to the North-westerly winds, which consequently increased the 24 hour PM10 average leading to the exceedance. Dust generating operations on Lots 1 and 2 were ceased after one hour of receiving the alarm. No dust generating activities are occurring on Lot 29. The quarry has restricted its operations to Lot 196 only for the rest of the day. The PM10 levels and meteorological conditions will be reviewed tomorrow morning prior to any recommencement of dust generating activities on Lots 1 and 2. Hazy condition throughout western Sydney and Maroota area.
20/03/2018	36.1	15.6	30	50	42	Yes	
21/03/2018	9.4	15.5	30	50	42	Yes	
22/03/2018	10.1	15.5	30	50	42	Yes	
23/03/2018	13.9	15.5	30	50	42	Yes	
24/03/2018	12.8	15.5	30	50	42	Yes	
25/03/2018	12.8	15.5	30	50	42	Yes	
26/03/2018	11.5	15.5	30	50	42	Yes	
27/03/2018	11.0	15.5	30	50	42	Yes	
28/03/2018	16.7	15.5	30	50	42	Yes	
29/03/2018	17.9	15.5	30	50	42	Yes	
30/03/2018	16.1	15.5	30	50	42	Yes	
31/03/2018	23.2	15.5	30	50	42	Yes	