

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 29/01/2020
Results Published 29/01/2020

Point 1	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			
1/12/2019	28.4	20.0	30	50	42	Yes	
2/12/2019	57.1	20.2	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
3/12/2019	33.5	20.3	30	50	42	Yes	
4/12/2019	60.4	20.6	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
5/12/2019	117.1	21.3	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
6/12/2019	99.8	21.8	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
7/12/2019	135.6	22.6	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
8/12/2019	61.7	22.8	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
9/12/2019	Invalid Data	22.8	30	50	42	No	Excessive filter loading and reduced flow capacity of TEOM Monitor
10/12/2019	Invalid Data	22.8	30	50	42	No	
11/12/2019	Invalid Data	22.8	30	50	42	No	
12/12/2019	Invalid Data	22.8	30	50	42	No	
13/12/2019	Invalid Data	22.8	30	50	42	No	
14/12/2019	41.8	22.9	30	50	42	Yes	
15/12/2019	66.7	23.2	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
16/12/2019	37.7	23.3	30	50	42	Yes	
17/12/2019	15.6	23.3	30	50	42	Yes	
18/12/2019	45.4	23.4	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
19/12/2019	149.2	24.2	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
20/12/2019	29.3	24.3	30	50	42	Yes	
21/12/2019	86.0	24.6	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
22/12/2019	37.1	24.7	30	50	42	Yes	
23/12/2019	32.0	24.8	30	50	42	Yes	
24/12/2019	26.1	24.8	30	50	42	Yes	
25/12/2019	21.5	24.8	30	50	42	Yes	
26/12/2019	18.8	24.7	30	50	42	Yes	
27/12/2019	17.1	24.7	30	50	42	Yes	
28/12/2019	21.7	24.7	30	50	42	Yes	
29/12/2019	62.6	24.9	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
30/12/2019	73.6	25.2	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires
31/12/2019	115.3	25.7	30	50	42	No	Exceedance attributed to poor air quality from NSW bushfires

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Static Dust
 EPL 12513 Point 3

Number of Days: 28
 Date On: 15/11/2019
 Date Off: 13/12/2019
 Time Sampled: 9:10 AM
 Sampled by: TW (VGT)

Results Obtained 20/12/2019
 Results Published 5/01/2020

8YW%	8YdcgllHX8i ghi [# &#h h	5bbi U`5j YFU Y` f-i % !>i b&SL [# &#h h	5bbi U`5j YFU Y` @]a]h[# &#h h	F Yei]fYa YbhA Yh	BchYg
Dc]bh'	5.6	5.8	4.0	No	Ash content = 3.6g Combustible Matter = 2.0g No extraction was undertaken during the monitoring period. Rehabilitation commenced in Stage 2 west. Field observation indicated the presence of bird droppings, insects, algae and ash in the dust gauge. Dry weather condition was recorded for this monitoring period. Field observation also observed active farming activity in dry condition in the adjacent land. It must be noted that all dust gauges which make up Dixon Sand's dust deposition monitoring system (for both Haerses Road and Old Northern Road quarries) were observed to have contained visible ash. This is likely to be attributed to the on-going bushfires in the Greater Sydney and NSW regions.