

Dixon Sand Quarry - Old Northern Road Quarry

DA 250-09-01

EPL 3916 (Monitoring Point 2)

TEOM PM10 Monitoring Data - December 2025

Sampling Frequency Monthly summary
Date Sampled Continuous (15min)

Results Obtained 13/01/2026
Results Published 15/01/2026

Point 2 Dec-25	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			
1/12/2025	23.6	16.0	30	50	42	Yes	
2/12/2025	12.1	16.0	30	50	42	Yes	
3/12/2025	21.6	16.0	30	50	42	Yes	
4/12/2025	30.3	16.1	30	50	42	Yes	
5/12/2025	27.4	16.2	30	50	42	Yes	
6/12/2025	34.6	16.3	30	50	42	Yes	
7/12/2025	26.8	16.4	30	50	42	Yes	
8/12/2025	29.5	16.5	30	50	42	Yes	
9/12/2025	37.3	16.6	30	50	42	Yes	
10/12/2025	30.6	16.7	30	50	42	Yes	
11/12/2025	18.4	16.7	30	50	42	Yes	
12/12/2025	7.2	16.7	30	50	42	Yes	
13/12/2025	11.3	16.6	30	50	42	Yes	
14/12/2025	11.5	16.6	30	50	42	Yes	
15/12/2025	39.8	16.8	30	50	42	Yes	
16/12/2025	19.1	16.8	30	50	42	Yes	
17/12/2025	22.4	16.8	30	50	42	Yes	
18/12/2025	23.3	16.9	30	50	42	Yes	
19/12/2025	49.7	17.1	30	50	42		Calm and extremely warm conditions. Potential equipment interference by insects
20/12/2025	20.6	17.1	30	50	42	Yes	
21/12/2025	22.3	17.1	30	50	42	Yes	
22/12/2025	19.8	17.1	30	50	42	Yes	
23/12/2025	18.6	17.1	30	50	42	Yes	
24/12/2025	25.1	17.2	30	50	42	Yes	
25/12/2025	23.3	17.2	30	50	42	Yes	
26/12/2025	12.0	17.2	30	50	42	Yes	
27/12/2025	14.8	17.2	30	50	42	Yes	
28/12/2025	15.8	17.2	30	50	42	Yes	
29/12/2025	12.0	17.1	30	50	42	Yes	
30/12/2025	13.4	17.1	30	50	42	Yes	
31/12/2025	15.4	17.1	30	50	42	Yes	

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Static Dust Deposition Results

Number of Days: 28
Date On: 12/11/2025
Date Off: 10/12/2025
Sampled by: T & D Walker
Monitoring Period: 12 Nov 2025 - 10 Dec 2025

Results Obtained: 16/12/2025
Results Published: 5/01/2026

Dust Deposition Gauge ID	Location	Monthly Deposited Dust (g/m2/mth)	Rolling Annual Average (g/m2/mth)	Annual Average Limit (g/m2/mth)	Notes
D1A	Front Gate - Access Road	3.6	4.7	4.0	Minor dust, minor insects
D4	Rehabilitation Area	3.0	0.8	4.0	Minor insects, minor vegetation
D5	Bundwall on Lot 1	44.2	5.3	4.0	Sand, insects
D6	Maroota Public School	3.0	5.7	4.0	Minor sand, minor vegetation
D7	Mulloc Heap	1.5	0.9	4.0	Minor insects