

NMBM DUST FALLOUT SURVEY, October to December 2021

Permissible Levels (Dust Fallout in mg/m²/day over 30-day average)

Land Use	Permissible Dust Fallout Levels	Comment
Residential	D < 600	Permissible for residential and light commercial.
Non-Residential	600 < D < 1200	Permissible for heavy commercial and industrial.
Action	1200 < D < 2400	Requires investigation and remediation if two sequential months lie in the band, or more than two occur in a year.
Alert	D > 2400	Immediate action and remediation required following the first incidence of dust fallout rate being exceeded at this level. Incident report to be submitted to relevant authority.

Results (Dust Fallout in mg/m²/day over 30-day average)

Sampling Point	Land Use	October 2021	November 2021	December 2021	Average over Sampling Period
Coega Primary	Residential	189	290	NR	240
Shoprite Distribution Centre	Residential	28	151	192	124
NMBM Fresh Produce Market	Industrial	42	157	57	256
Business 1, Buick Street	Industrial	4437	1759	2638	2944
Business 2, Buick Street	Industrial	781	937	753	824
Business 3, Chevrolet Street	Industrial	1367	577	373	772
Business 4, St George Street	Mixture	1432	594	920	982

Note that the businesses where sampling points were located have not been named in order to protect the businesses concerned.