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2012/2013 report for HANSON CONSTRUCTION MATERIALS PTY LTD, Hanson Wolffdene Quarry - Wolffdene, QLD

\ list of Substances for an individual report.

Substance	Air Total (kg) ^{[1][2]}	Air Fugitive (kg) ^[1]	Air Point (kg) ^[1]	Land (kg) ^[1]	Water (kg) ^[1]	Total (kg) ^[1]
Carbon monoxide ⓘ	28,000	28,000				28,000
Oxides of Nitrogen ⓘ	45,000	45,000				45,000
Particulate Matter 10.0 um ⓘ	35,000	34,000	430			35,000
Particulate Matter 2.5 um ⓘ	3,000	3,000				3,000
Polycyclic aromatic hydrocarbons (B[a]Peq) ⓘ	1.8	1.8				1.8
Sulfur dioxide ⓘ	2,000	2,000				2,000
Total Volatile Organic Compounds ⓘ	4,800	4,800				4,800

[1] All emission/transfer quantities are displayed to two significant figures. Displayed emission totals may not exactly equal the sum of their individual emissions.

This extract from the National Pollution Inventory (NPI) shows Hanson reported they allowed 34,000 kg of PM10 dust and 3,000 kg of PM2.5 dust to escape from their quarry site in 2013. Hanson's application to expand their quarry acknowledges that laboratory analysis of a sample of rock from the quarry contained 37% silica. The local community have been collecting samples from all the quarries in the Darlington Range and Hanson's figures show that this is not an unusual amount of silica for this area. What is extremely concerning is that on these figures (accepted by Hanson themselves), over a third of all dust coming from Hanson's quarry is silica. While we believe Hanson's reporting to the NPI is very conservative, they are effectively admitting to releasing into the surrounding community and environment around 12,000 kg of silica dust fine enough to be breathed in and embedded deep in people's lungs.

The documents pertaining to the Hanson quarry application for expansion can be found here:

<https://www.dropbox.com/sh/lui25fc2qfrk45c/AADjANrjMurKL6d7h-mSyBR7a?dl=0>