

Quarry Dust Off Society

Introduction

The following is a list of websites that have been used so far to research the risks posed to the community by dust emissions from quarries operating in the Northern Darlington Range. The list is a work in progress and it is by no means exhaustive. This document is designed for use as a shared resource that can be expanded as research continues. The links are loosely arranged in topic areas with a short explanation of the material covered on each website, or the section of the document that is most relevant. If you experience any problems with the hyperlinks provided, please copy and paste the URL into your browser. To add to this list please be sure to copy in all of the original recipients.

Government websites

Department of Natural Resources and Mines

Quarrying in Queensland – Frequently Asked Questions

“Quarries are an essential source of materials, including concrete and asphalt aggregates, used for the construction of roads, railways, pipelines and other infrastructure. However, the extraction of rock, sand, gravel and soil from the earth has the potential to adversely affect the natural and social environment of the local area.

The Queensland government aims to achieve a balance between the supply of construction materials and the protection of social amenity and the environment.”

<http://mines.industry.qld.gov.au/mining/quarrying.html>

Department of Environment and Heritage Protection

Guideline to the Environmental Protection Act (1994) – activities with impacts to air

<http://www.ehp.qld.gov.au/era/air-impacts-em960>

EHP Air quality data

http://www.ehp.qld.gov.au/air/data/search.php?day=21&month=10&year=2014&hour=11&category_id=1&mode=measurement&Submit=Search

Mining and Quarrying Health and Safety Act 1999

<https://www.legislation.qld.gov.au/LEGISLTN/CURRENT/M/MiningQuaSHA99.pdf>

Mining and Quarrying Safety and Health Regulation 2001

<https://www.legislation.qld.gov.au/LEGISLTN/CURRENT/M/MiningQuaSHR01.pdf>

Explosives Act 1999

<https://www.legislation.qld.gov.au/LEGISLTN/CURRENT/E/ExplosivesA99.pdf>

Explosives Regulation 2003

<https://www.legislation.qld.gov.au/LEGISLTN/CURRENT/E/ExplosivesR03.pdf>

Dust meters and general information

<https://www.qld.gov.au/environment/pollution/monitoring/air-pollution/dustfall/>

EPA Victoria

Caution! *The legislation applicable in Victoria is not relevant in Queensland. However, it makes interesting reading because the restrictions on quarry companies are more stringent.*

<http://www.epa.vic.gov.au/your-environment/air/air-pollution/particles-in-air>

<http://www.epa.vic.gov.au/our-work/publications/publication/2007/december/1191>

Holcim

Zero harm: Workplace Health and Safety

<http://www.holcim.com.au/fileadmin/templates/AU/doc/Sustainability/HealthSafety/HolcimContractorMgtHbk.pdf>

Corporate Sustainable Development Report 2013

<http://www.holcim.com/sustainable.html>

Environmental Policy

<http://www.holcim.com.au/fileadmin/templates/AU/doc/Sustainability/HealthSafety/HolcimEnviroPolicy2010.pdf>

Contractor Handbook

<http://search.media.telstra.com.au/?partnerid=bigpond&find=holcim+contractors&profile=global-only>

Construction of the bio-retention basin at the Beenleigh Quarry

<http://evolveenvironmental.com.au/projects/?project=Holcim%20Quarry%20Luscombe>

Aggregate products with and without Actinolite

http://www.holcim.com.au/uploads/AU/Holcim_Aggregate_Products_Actinolite.pdf
http://www.holcim.com.au/uploads/AU/Holcim_Aggregate_Products.pdf

Miscellaneous articles

Submission to the Senate Inquiry into the impacts on health of air quality in Australia

http://caha.org.au/wp-content/uploads/2012/03/CAHA-Submission-Air-Quality-March-2013_final.pdf

Dieselnet Technology Guide

Particulate emissions from diesel

https://www.dieselnet.com/tech/health_pm.php#tox

Australasian Mine Safety Journal

"At the rudimentary level, dust emission and fallout is a nuisance and causes a loss of amenity. Unfortunately in many instances the impacts do not stop there. Dust emissions can have far reaching health, safety and environmental consequences...."

<http://www.amsj.com.au/news/settling-the-dust-how-much-is-too-much/>

The International Journal of Occupational and Environmental Medicine

This article draws the connection between the crushing of rock and silicosis and the manner in which exposure to quarry dust can exacerbate existing lung conditions. The reference list in the article is particularly useful.

<http://www.theijoem.com/ijoem/index.php/ijoem/article/viewArticle/152/306>

Newspaper article - Mackay

<http://www.theaustralian.com.au/news/latest-news/mackay-dust-pollution-hazardous-study/story-fn3dxiwe-1226735222051?nk=81133411a13248452cae59ff1a758d3c>

American article – particularly useful for its clear definitions of particulate sizes

<http://www.hcdoes.org/airquality/monitoring/pm.htm>

American article – crystalline silica and silicosis

<http://www.dustboss.com/support/dust-related-health-safety-issues/white-paper-on-silicosis/>

The Lithgow Mercury – coal mining and respiratory illness

<http://www.lithgowenvironment.org/health-watch.html>