

16 May 2016

Adam Kelly
Daracon Engineering Pty Ltd
C/-Stuart Murray
Site R & D Pty Ltd
PO Box 134
KOTARA NSW 2289

Dear Adam,

**RE: JME4061 – CONTAMINATION REVIEW
MARTINS CREEK QUARRY**

JM Environments (JME) has conducted a review of historical data with respect to potential soil and groundwater contaminating activities at Martins Creek Quarry.

The data review is summarised in Table 1

Data	Result
Historical Titles	Rail Corporation NSW (under its various names) had owned the site since 1914
Aerial Photographs 1958, 1967, 1974, 1984, 1993 and 2008	1958 rail line can be seen 1993 refuelling station can be seen
Section 149 certificate	The land is not the subject of an approved voluntary management proposed within the meaning the Contaminated Land Management (CLM) Act. The land is not the subject to an ongoing maintenance order within the meaning of the CLM Act. The land is not the subject of a site audit statement within the meaning of the CLM Act.
NSW OEH's records under section 58 of the Contaminated Land Management Act 1997 database	No records found
Section 308 of the Protection of the Environment Operations Act 1997 database	Martins Creek Quarry was issued with two penalty notices on 16 May 2004 and two penalty notices on 27 March 2015 for "Contravene any condition of licence – not noise – corporation". JME understands that the 2015 notice was dust related.

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JME considers that the activity of quarrying, in itself, has a low risk of causing significant contamination of the site. However, the ancillary activity of storage and use of petroleum products and the presence of a railway with potentially chemically treated sleepers do present a medium risk of contamination to be present at those isolated locations.

A development application was submitted to Dungog to upgrade the fuel storage area, including the upgrade of the oil water separator. A contamination assessment was prepared by JME as part of the Statement of Environmental Effects. The contamination assessment concluded that upgrading of the oil water separator should reduce the potential for future contamination.

The risk to human health caused by the rail sleepers is considered low due to the low volume of rail traffic currently at the quarry.

It is recommended a detailed contamination assessment is conducted should these areas become subject to a more sensitive land use.

We trust this meets your needs at this time. If you have any further questions, please do not hesitate to contact the undersigned.

For and on behalf of JM Environments

A handwritten signature in black ink that reads 'James McMahon'.

James McMahon
Principal Environmental Scientist
0427 893 668