

In reply please send to: Head Office Newcastle
Our reference: FN69-05033N0
Your reference:
Contact: Temporary pa to CEO (02) 4908 4395

Attn: Mr Stuart Diver
APP Corporation Pty Ltd
PO Box 1285
NEWCASTLE
NSW 2300

18 November 2009

Dear Mr Diver

TBA08-09394N1
LOT 132 DP 1053492 SEC NO LOOKOUT RD RANKIN PARK
(HMRI Buildings)

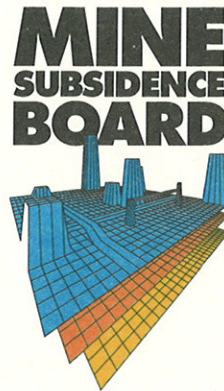
The Mine Subsidence Board has received correspondence from Mine Subsidence Engineering Consultants (MSEC) requesting that the Board approve a revised design concept for the above project. Documentation to support the application was listed and attached.

MSEC provide the following design parameters and advise Coffey Geosciences agree with them and that ARUP can design for the worst case scenario presented by MSEC.

Maximum subsidence	120mm
Maximum Tensile Strain	1.4mm/m
Maximum Compressive Strain	2.4mm/m
Maximum Tilt	4mm/m
Tensile curvature	7.1km
Compressive curvature	4.2km

MSEC also advises that a 'subsidence depression could occur in a different location than that indicated and a sensitivity analysis will need to be carried out in this regard.' Clarification is sought as to whether this has been completed and considered for the building design.

On 7 August 2009 the Board provided information relating to the project in response to additional engineering information. The Board also reiterated the requirement for final drawings and survey marks. I'm advised the structure



NEWCASTLE

Ground Floor
NSW Government Offices
117 Bull Street
Newcastle West 2302
PO Box 488G Newcastle 2300
Telephone: (02) 4908 4300
Facsimile: (02) 4929 1032
DX 4322 Newcastle West

PICTON

100 Argyle Street
Picton 2571
PO Box 40 Picton 2571
Telephone: (02) 4677 1967
Facsimile: (02) 4677 2040
DX 26053 Picton

SINGLETON

The Central Business Centre
Unit 6, 1 Pitt Street
Singleton 2330
PO Box 524 Singleton 2330
Telephone: (02) 6572 4344
Facsimile: (02) 6572 4504

WYONG

Suite 3 Feldwin Court
30 Hely Street
Wyong 2259
PO Box 157 Wyong 2259
Telephone: (02) 4352 1646
Facsimile: (02) 4352 1757
DX 7317 Wyong

HEAD OFFICE

PO Box 488G
Newcastle 2300
Telephone: (02) 4908 4395
Facsimile: (02) 4929 1032



Email

mail@minesub.nsw.gov.au

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www.minesub.nsw.gov.au

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has not changed from this time, other than the proposal to eliminate the jacking component.

The Board has advised it does not relevel structures where tilts are less than 7mm/m. We understand the design principle initial submitted for approval was developed by the applicant's engineers to address the function of the building. As predicted tilts are well less than 7mm/m this was not a matter for the Mine Subsidence Board

Subject to the above comments, the Mine Subsidence Board has no objection to the structure being designed for the mine subsidence parameters determined by MSEC in their correspondence of 28 October 2009.

Please do not hesitate to contact me if I can be of further assistance.

Yours faithfully



Greg Cole-Clark
Chief Executive Officer

Cc District Manager - Newcastle