



ACN 009 253 187

AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

19 JANUARY 2017

EDEN INNOVATIONS LTD

**EDENCRETE™ ACHIEVES SIGNIFICANT IMPROVEMENT IN
PERMEABILITY IN ASTM C 1543 TEST (AASHTO T259)**

Please see attached ASX Announcement by Eden Innovations Ltd (ASX: EDE) for further details.

Background

Tasman through its wholly owned subsidiary, Noble Energy Pty Ltd, holds 493,198,298 fully paid shares in Eden (representing 39.28% of the total issued capital of Eden) and 101,356,779 EDEO options (representing 47.58% of the issued EDEO options). This equates to 1.29 EDE shares and 0.27 EDEO options held for every Tasman share issued.

Based on the last traded prices on the ASX of EDE (\$0.24) and EDEO (\$0.205) on 18 January 2017, this investment had a market value of \$139 million, which is equivalent to 36.5 cents for every currently issued TAS share.

A handwritten signature in black ink, appearing to read 'Aaron Gates', is positioned above the typed name.

Aaron Gates
Company Secretary



Innovations that work.

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EDENCRETE™ ACHIEVES SIGNIFICANT IMPROVEMENT IN PERMEABILITY IN ASTM C 1543 TEST (AASHTO T259)

Eden Innovations Ltd (“Eden”) has achieved a significant improvement (reduction) in permeability of EdenCrete™ enriched concrete after immersion in a 3% chloride brine solution for 90 days, in accordance with the ASTM C1543 and AASHTO T259.

Reference Concrete	Depth of Cross Sections Tested	EdenCrete™ Concrete
0.055% chloride	10-20mm	0.006% chloride
0.039% chloride	25-35mm	0.001% chloride
0.001% chloride	40-50mm	0.000% chloride
0.001% chloride	55-65mm	0.000% chloride

Table 1. Chloride Levels (by weight) in each analysed cross section after 90 days’ immersion

AASHTO is the American Association of State Highway and Transportation Officials.

EdenCrete™ was added at 3 US gallons / cubic/yard (7.43 litres/ cubic metre) of concrete, and was compared with the same concrete mix containing no EdenCrete™.

The tests involved completely submerging in the 3% chloride brine solution for ninety days, a 12 inch (304.8mm) square block, 4 inches (101.6mm) thick, of each of the reference concrete and the EdenCrete™ enriched concrete, and after the 90 days immersion:

- Removing with a diamond drill a 2 inch (50.8 mm) diameter, full-depth circular core from the centre of each test block;
- Cutting horizontally 4 cross-sections of each core at the specified depths shown in Table 1 above, with each cross section being 10 mm thick (10-20mm, 25-35mm, 40-50mm and 55-65mm) for analysis; and
- The 4 cross sections from each core were then pulverised and the total percentage of chloride (by weight) (ASTM C1152) in each of these cross sections was the analysed.

This dramatic reduction in chloride ingress, reflecting a far lower permeability of the EdenCrete™ enriched concrete, is a major step forward in accessing both repairs and construction of highways and bridges where salt is spread to retard the formation of ice, and also for both coastal and marine applications.

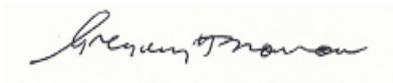
Conclusion

These greatly improved permeability results represent a further significant step forward in Eden's quest to achieve its longer-term goals of broad penetration by EdenCrete™ into the huge US concrete and infrastructure markets, by opening up potential markets where salt is applied to road and bridge surfaces in order to retard the formation of ice on the surface in freezing conditions.

The results also open up access to the huge market for concrete used in both coastal and marine applications where concrete is subject to high levels of chloride ion penetration from sea salt, leading to corrosion of the steel reinforcing and a consequential breakdown in the concrete (commonly known as "concrete cancer").

BACKGROUND

EdenCrete™ is Eden's 100% owned, proprietary carbon-strengthened concrete additive, one of the primary target markets for which is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges and other infrastructure. Additionally, it has potential for use in a range of other concrete applications including high-rise building construction, marine and coastal applications, water storage and pipelines, and pre-fabricated concrete structures and products.



Gregory H. Solomon
Executive Chairman
Eden Innovations Ltd
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