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AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

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Independent Case Study on EdenCrete® in Denver Field Trial

Eden Innovations Ltd (ASX Code: EDE) is pleased to report that an independent case study by members of the Department of Civil Engineering, University of Denver, Colorado, that has been recently published, on some of the benefits delivered by EdenCrete® enriched concrete used in field trials being conducted by the Denver Public Works (see Figure 1) to evaluate the performance of EdenCrete® when concrete is exposed to heavy dosages of de-icing salts and road chemicals (see **Eden's ASX Announcement ASX: EDE 20 February 2017**).



Figure 1. EdenCrete® Trial Slabs in first trials.

A copy of the case study is available on the Eden website at: <http://edeninnovations.com/newsandmedia/#corporate-news>.

The study provides a strong, independent assessment of the significant benefits delivered by EdenCrete® in this field trial. It analysed the comparative performance of a standard

concrete mix, and two other similar mixes but with EdenCrete® added at 2 gallons/ cubic yard of concrete and at 3 gallons/ cubic yard of concrete respectively. It measured and compared changes in the three mixes in respect to compressive strength at 7 days and 28 days, as well as slump that was measured at the time of conducting the tests.

In all the tests, the EdenCrete® enriched concrete outperformed the standard concrete mix.

Of relevance is that the initial Denver field trials were followed up by further field trials by the Denver Public Works in September 2017 (and which are ongoing) to further evaluate the performance of EdenCrete® enriched concrete when exposed to de-icing salts and road chemicals (see Figure 2) (see **Eden's ASX Announcement – ASX: EDE 18 September 2017**).



Figure 2 – One of Two New Trial Sections of Concrete Pavement in second trials

The results in the published independent case study, from the Denver field trials of EdenCrete®, represent further very encouraging progress and are considered likely to be of considerable interest to other U.S. infrastructure agencies that are required to use de-icing salts and road chemicals on roads, walkways and other exposed concrete areas that are subject to snow and ice.

Gregory H. Solomon
Executive Chairman

BACKGROUND

EdenCrete® is Eden's 100% owned, proprietary carbon-strengthened concrete additive, that enhances a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability and reduced shrinkage, thereby delivering stronger, tougher, more durable and longer lasting concrete.

One of the primary target markets for EdenCrete® is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions and/or high levels of added salt. Additionally, it has potential for use in most other concrete applications including high-rise building construction, marine and coastal applications, water storage and pipelines, hardstand areas, and pre-stressed and pre-cast concrete structures and products.