



Innovations that work.™

ACN 109 200 900

## AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

13 February 2017

### EDENCRETE® – Approvals By US State DOTs

#### HIGHLIGHTS

- **EdenCrete® allowed for use in Arkansas.**
- **EdenCrete® to be considered for use in precast concrete beams in Texas.**
- **Applications under way in some other State DOTs.**
- **NTPEP Certification process underway.**

#### DETAILS

**Eden Innovations Ltd (“Eden”)** is pleased to provide this progress update on its applications to the state Departments of Transportation (DOTs), for the approval to use EdenCrete® as an admixture in concrete for roads and bridges.

Each US state DOT determines its own approval process for concrete admixtures. Most US state DOTs rely to some extent or other on a national certification process called NTPEP, which involves an independent, standardised testing procedure to determine if an admixture should be approved or allowed for use in concrete for its roads and bridges.

The NTPEP certification process is similar to the 12 months ASTM C494 “S” certification process that Eden has already completed. Unfortunately the tests are not identical to the ASTM C494 test, and so the process needs to be repeated for NTPEP certification. Eden has now initiated the NTPEP Certification process, but this will take 12 months to complete.

A number of state DOTs rely exclusively on the NTPEP certification process to determine whether to approve the use of an admixture.

However some state DOTs do not require NTPEP certification. In Georgia for example, EdenCrete® is already on the GDOT Qualified Product List, and GDOT has started to use it.

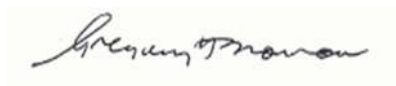
In addition to Georgia, Eden has applied for approval to a number of these other state DOTs that do not rely solely on NTPEP certification.

**The following is a summary of the progress made to date in these states:**

- **Arkansas** – the Arkansas State Highway and Transportation Department’s New Product Evaluation Committee, on 8 February 2017, recognised EdenCrete® as an admixture (the approval process it uses) which means that EdenCrete® is now allowed to be used in its Standard Specifications by the Arkansas DOT Engineer on a case by case basis upon a request by a contractor.
- **Texas** – for roads, each district, on a project-by-project basis, handles the approval process upon a request from a contractor. For bridges, TxDOT handles approvals centrally, on a project-by-project basis, upon a request from a contractor. Eden has been working for over three months with a significant Texas precast manufacturer and a submission for approval of an EdenCrete® enhanced concrete mix by this manufacturer for precast bridge beam applications is anticipated will be considered within the next month or two.
- **Alabama** – Eden is awaiting advice from the Alabama DOT Product Evaluation Board on the outcome of its application.
- **Kentucky** – Eden’s application is now in the phase 2 of review by the Kentucky DOT Materials Branch.
- **North Carolina** – Eden’s application is under review by North Carolina DOT.
- **Tennessee** – Eden’s application is under review by Tennessee DOT.
- **Virginia** – Eden’s application is under review by Virginia DOT.

Obtaining DOT approvals in the various states is a reasonably slow process, and after an approval has been obtained, a field trial still may have to be carried out before orders could be placed. Eden is now well underway with this important process.

Relevantly, both the ASTM C494”S” certification of EdenCrete® and the progress already made in Georgia may be persuasive in some of these states, and may help to accelerate this approval process and the future use of EdenCrete®.



**Gregory H. Solomon**  
Executive Chairman