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AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

20 September 2023

EDENCRETE® – US PROJECTS UPDATE

Recent and Forthcoming US EdenCrete® Projects

Eden Innovations Ltd (“Eden”) (ASX: EDE) is pleased to report some of the recent and forthcoming EdenCrete® projects in the US, reflecting the wide range of applications and growing number of US States where EdenCrete® is being used.

Colorado

- **United Airlines, Denver International Airport (“DEN”), Colorado.**
 - Completed Second Phase of United Airlines full depth panel replacement at DEN.
 - Project involved 3 separate placements totalling 225 cubic yards of concrete (see Figures 1 and 2).
 - Additional slab replacements planned.
 - EdenCrete® has now been used in concrete in five projects for United Airlines.



Figure 1. Concrete being replaced in full depth slab



Figure 2. Completed full depth replacement slab

- **Specialty Metals Company, Denver , Colorado**

- Constructed new transfer station slab for non-ferrous metal recycling facility.
- Total yardage 660 cy at 1 gallon/ cubic yard EC and 7.5 lbs dose of macro fibres.
- EdenCrete® aided in pumping difficult mix and helped to embed fibres with improved creamy paste rheology (see Figures 3-5).
- EdenCrete® originally specified for abrasion resistance and durability against solid rubber front end loaders and bucket scraping.



Figure 3. Construction of non-ferrous metal re-cycling station



Figure 4. Completed concrete flooring

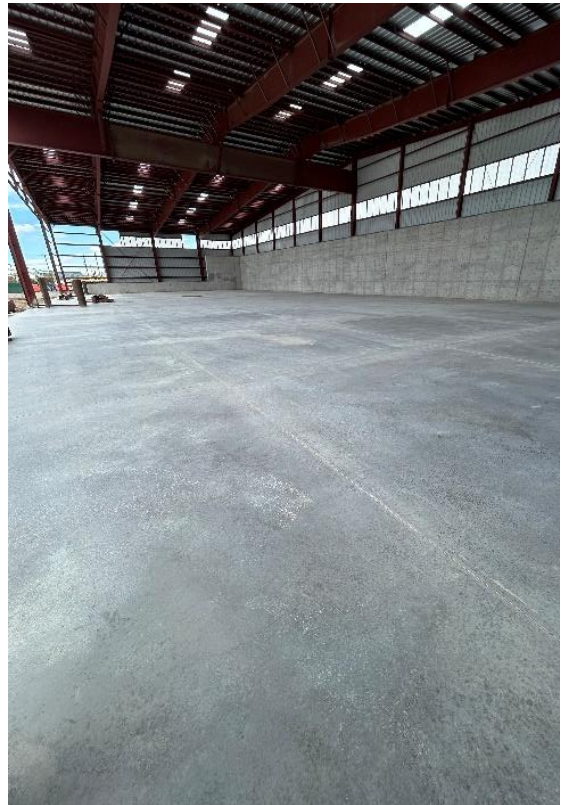


Figure 5. Completed concrete flooring

Kansas

- **McPherson Concrete Products, City of McPherson, Andale Construction, Kansas**
 - McPherson Concrete Products used EdenCrete® in June in a US Department of Housing and Urban Development project with the City of McPherson
 - EC and Pz7 being trialled in 80 cubic yards of concrete (out of total 440 cubic yards for whole project) in 4 city-block paving project (see Figures 6-8).
 - City of McPherson Engineer will evaluate performance to consider future use.
 - Permeability trials for EdenCrete®Pz and Pz7 underway in KDOT Bridge deck project.

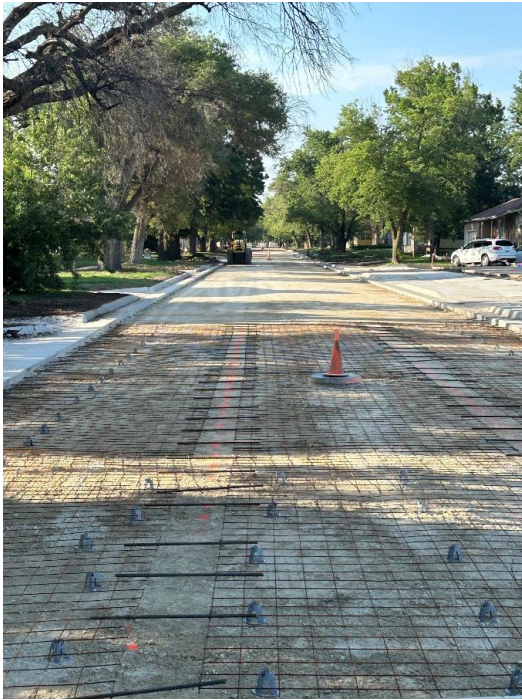


Figure 6. Concrete pavement being prepared



Figure 7. Concrete pavement being poured

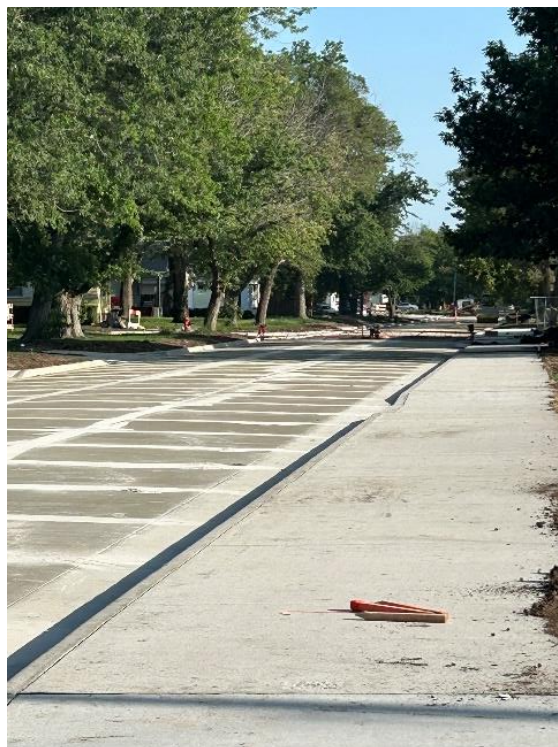


Figure 8. Completed concrete pavement

Texas

- **North Texas Municipal Water District , Texas**
 - Completed effluent and influent subterranean water vessel refurbishment project (see Figures 9-11)
 - Approx. 250 cubic yards of shotcrete applications used to rebuild vessel walls. Placed in one single lift and hard trowelled for flat, very smooth finish.
 - EdenCrete® dosed at 1 gallon/ cubic yard, the highest EdenCrete® shotcrete dose ever used, to obtain lowest possible permeability and crack resistance in shotcrete while providing a sticky property to the rheology for superior adherence to hold an 8" lift from sloughing off.



Figure 9. Shotcrete being sprayed onto wall with little dust and rebound.



Figure 10. Completed wall showing very smooth finish

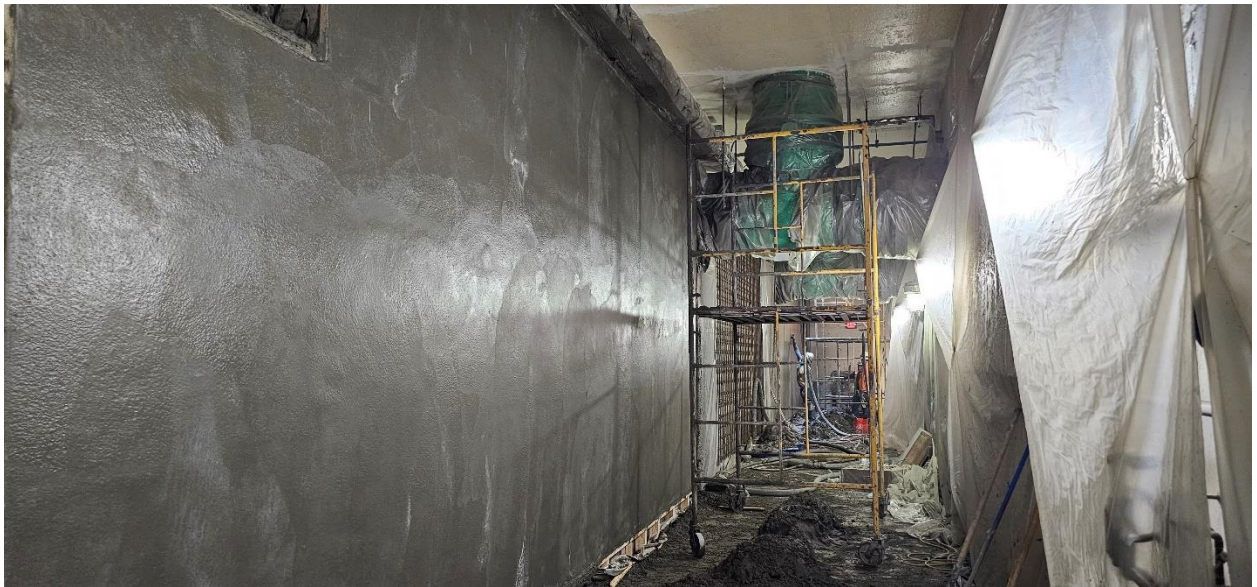
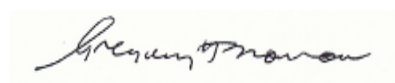


Figure 11. Portion of completed wall showing very smooth finish

- **CAT Drilling Equipment Dealership, Dennison, Texas**
 - New concrete slab to be constructed in December 2023 quarter.
 - Design Engineer specified EdenCrete® to be included at 2 gallons/ yard³.
 - General Contractor advised that EdenCrete® will be used in this project.
 - Approximately 1100 gallons (US\$27,500) of EdenCrete® will be required.

EdenCrete® Background

- *Eden's 100% owned EdenCrete® products are carbon-strengthened concrete additives that enhance a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity, reduced shrinkage, collectively delivering stronger, tougher, more durable, longer lasting concrete.*
- *EdenCrete® is also highly suited for all pumped concrete applications, including shotcrete applications, with low dosages of EdenCrete® delivering reduced friction and consequentially requiring lower pump pressures, improved workability and producing far less rebound of the shotcrete.*
- *EdenCrete® is generally used in concrete that incorporates a high percentage of Ordinary Portland Cement (OPC or Portland cement) whilst EdenCrete®Pz and EdenCrete®Pz7 are often used in concrete that incorporates a high percentage of pozzolans as an alternative cementitious material (including fly-ash and blast furnace slag which are each waste by-products from coal fired power stations and metal smelting respectively, thereby each being treated, as a waste by-product, as having a zero Greenhouse Gas footprint from its production process).*
- *As a result, EdenCrete®Pz and EdenCrete®Pz7 have repeatedly shown they can enable a significant proportion of the Portland cement in concrete to be replaced by a similar percentage of pozzolans with far lower Greenhouse Gas footprints, resulting in a reduction in the Greenhouse Gas footprint generated in the production of the various cementitious components used in the manufacturing of the concrete.*
- *All the EdenCrete® products have been repeatedly shown to be suitable for use in ready-mix concrete, pre-cast and pre-stressed concrete, shotcrete, pumped concrete, and volumetric concrete.*
- *One of the primary target markets for EdenCrete® products is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges, ports, airports, and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions, heavy snow falls, and/or high levels of added salt or de-icing chemicals.*
- *Since 2015, EdenCrete® products have been sold in the USA and more recently also in Australia and a growing number of other countries. They have successfully and repeatedly delivered a wide range of benefits when incorporated into concrete that is used in many different applications, including low-rise, medium-rise and high-rise building construction, roads and bridges, ports/marine/coastal applications, airports, bus stations, carparks, water pipes, hardstand areas, waste transfer stations, warehouses, all shotcrete applications, stadiums, swimming pools, earth stabilisation, sculptured concrete, structural concrete insulated panels, light weight building panels, and a wide range of pre-stressed and pre-cast concrete structures and products.*



Gregory H. Solomon

Executive Chairman

This announcement was authorised by the above signatory.

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