

MEDIA RELEASE

Eversafe Fire Solutions and South East Water splash out on Caulfield Park

Immediate Release

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Eversafe Fire Solutions and South East Water have joined together to rescue 168,000 litres of fire service water for reuse, delivering a boost to Caulfield Park in the City of Glen Eira. The initiative has: filled all storage tanks at the site, supported the reseeded of the park with drought tolerant turf and represents the first time South East Water has worked with a customer to rescue such a large volume of Fire Service water for re-use at another site.

The success of the project has shown there is a viable solution for the reclaiming of Fire Service water that would otherwise be released to the stormwater system and demonstrates the benefits of working closely with our partners to develop innovative engineering solutions to water transport challenges.

“South East Water supports our customers to save or reuse water and provides water transport services to assist in this. Reclaiming this water presented many new challenges; no one had set out to do this before with such a large volume of water,” said Shaun Cox, Managing Director of South East Water.

To comply with the building code, premises may be required to install a water storage vessel and pump for fire fighting purposes. Traditionally when these tanks are serviced or repaired, this water is either emptied into the stormwater system resulting in a waste of water, or alternatively a diver performs the repair to ensure the water is retained.

“Eversafe Fire Solutions and South East Water met the challenge of emptying the water from the underground tank into a transport tanker operated by South East Water’s contractor, Wet Effects. The engineering team from Ever Safe Fire Solutions modified the fire service to pump water into the tanker, filling the 28,000 litre vehicle to five vertical meters in less than 30 minutes and reducing standing times for Wet Effects and reducing costs to South East Water and the City of Glen Eira.”

The partnership also delivered a lower carbon footprint than usual. The trip to Caulfield Park was approximately 15 kilometres compared to the transport of Class A Recycled Water to Caulfield Park from Carrum Downs, which is almost 35 kilometres away. In total it took six loads to empty the fire service tank. The project recorded a total of 180 kilometres, as opposed to six trips to Carrum Downs totalling 420 kilometres; a 58% reduction in the travel distance and carbon footprint of the activity.

“South East Water appreciates the work of all parties in saving and reusing water and reducing carbon emissions, this was a great result,” said Mr Cox.

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Media Enquiries

Jason Berek-Lewis
9552 3111
0400 611 276