



RED BANNER ALERT



SHW Serious Incident (SI) – Preliminary Notice

Date of Incident:	21 st February 2022	Time of Incident:	9.00am
Directorate / Region:	Infrastructure Delivery	Main Roads or Contractor:	Contractor
EQSafe Event Type:	Injury	EQSafe Incident Number:	26069
Actual Consequence:	Minor	Potential Consequence:	Major

Incident Short Description:	A truck reversed up to a water tank, striking and pinning a worker
------------------------------------	--

What Happened:

A water truck was filling a 20,000-litre corrugated plastic water tank located at a concrete batching plant. The water truck operator had been performing this task on a daily basis throughout the preceding week. On this occasion another worker was within the area when the water truck arrived who offered their assistance as a spotter to guide the water truck to the tank so that the hose could be connected.

The spotter positioned themselves to the right back hand corner of the water truck, with their back towards the water tank to provide visual hand signals to guide the water truck driver as they reversed. As the rear of the truck got closer to the tank the driver failed to stop, striking and pinning the spotter against the tank. The spotter signalled to the driver to move forward, which they did. The driver then got out to check the spotter who advised that they were not hurt with only minor red marks on the right side of their chest and upper right thigh.

Initial investigations found that the water fittings at the rear right of the water truck struck the spotter, forcing them back against the wall of the water tank. The empty plastic water tank had some give in it, thereby cushioning the impact when the spotter was pinned against it.



Re-enactment photo

A formal ICAM investigation has commenced. Once completed, the lessons learnt will be communicated/shared through a final Grey Banner Alert as soon as practicable.



This serious potential incident aligns with the Main Roads Critical Risk profile relating to '**Mobile Plant Incident**'.

Immediate Actions:

Please note that these are generic actions for all to consider in relation to this critical risk (and is not necessarily reflective of this specific incident):

- *Consider line of fire situations and implement controls to remove workers from the potential line of fire.*
- *Establish and maintain exclusion zones with mobile plant to prevent injury and damage.*
- *Ensure that all tasks are appropriately risk assessed prior to commencement.*
- *Ensure positive communication is always maintained either visually or via audio when controlling vehicle movements.*
- *Spotters should be appropriately trained and competent prior to conducting spotting duties.*

Distribution of Notice:

Main Roads Personnel and Contracting Organisations