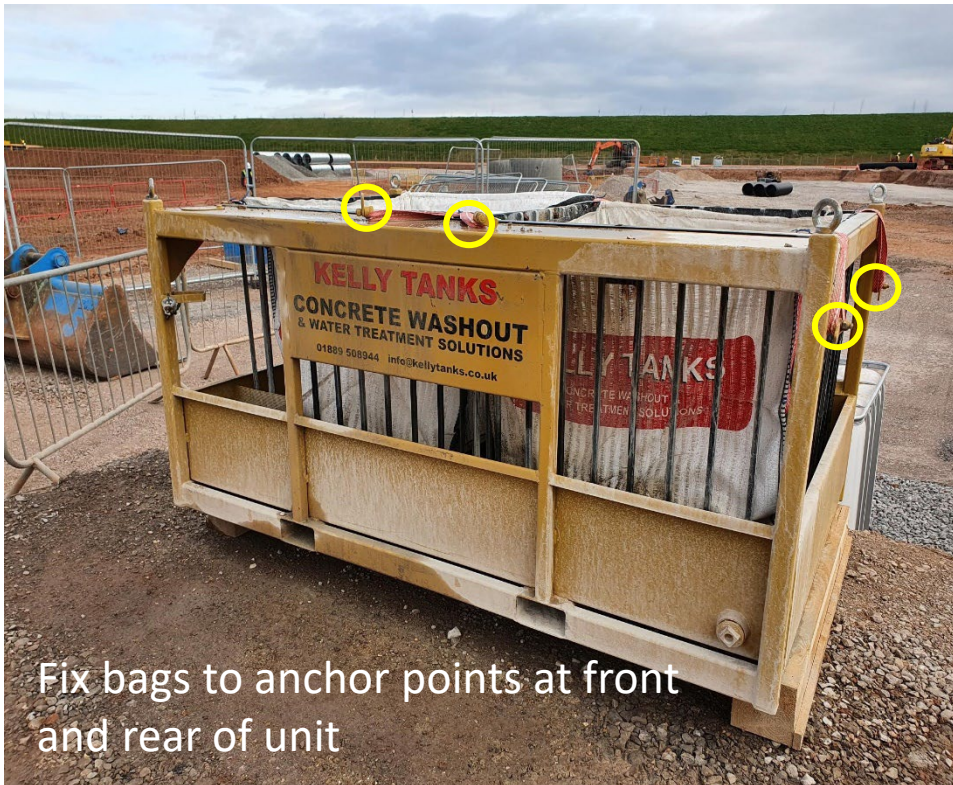


Toolbox Talk - Environment

Kelly Tank – how to use the adsorption sack & frame



Fix bags to anchor points at front and rear of unit



Pipe connected from system to an IBC

HOW IT WORKS

The system is designed to allow filtered water through the bags whilst retaining solids and adsorbing contaminants in the bag.

While the solids stay in the bag, the filtered water must be captured in a sealed container, such as an IBC. The water must then be treated ('dosed') with the **pH reducer** to bring the pH of the water down to safe levels.

SETUP

DO NOT SETUP WITHIN 10 METRES OF A SURFACE WATER DRAIN OR WATERCOURSE

- 1 - place the system on hardstanding where possible, or alternatively on a flat surface
- 2 - fit the bags provided into the frame by hooking the handles over **all** the anchor points (see pic above – note it does not show all anchor points)
- 3 - connect a pipe from the unit to an IBC to capture filtered water

HOW TO USE

- Direct wagon drivers to washout concrete wagon chute directly into one of the bags – see image overleaf
- Over time the bags will fill with concrete which will need emptying – be careful not to overfill the bags as they may split when removing
- Empty the hardened concrete directly onto the ground and use for fill material or dispose of in inert skip
- Monitor the levels of water in the IBC to ensure they do not overfill and spill onto the ground
- When the IBC is full (1,000 litres) the water must be treated with the **pH reducer**.
- Ensure you have a suitable RAMS in place prior to the use of pH reducer
- Wear appropriate PPE
- Pour 1 litre of pH reducer per 1,000 litres of water – simply pour the liquid directly into the IBC
- Test the liquid to ensure it is between pH 6-8



Keeping our team safe



Persimmon

Toolbox Talk - Environment

Kelly Tank – how to use the adsorption sack & frame



Driver washing out chute over unit

HOW TO USE

If the water is between pH 6-8 it is now safe

HOW TO USE WATER

In order of priority, once safely treated, the water can be used for:

- ✓ dust suppression on haul roads (during drier months)
- ✓ If possible, use water for flushing toilets
- ✓ Dispose of to foul sewer via a Trade Effluent Consent

DO NOT

- ✗ Discharge to surface waters without an appropriate permit / licence in place



Captured solids held inside washout bags



IBCs capturing water from units



Keeping our team safe



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