

# ***Earthlok® Geogrid-Reinforced, Potable-Water Approved Flexible Concrete Matting Chosen by TasWater***

PRESS  
RELEASE



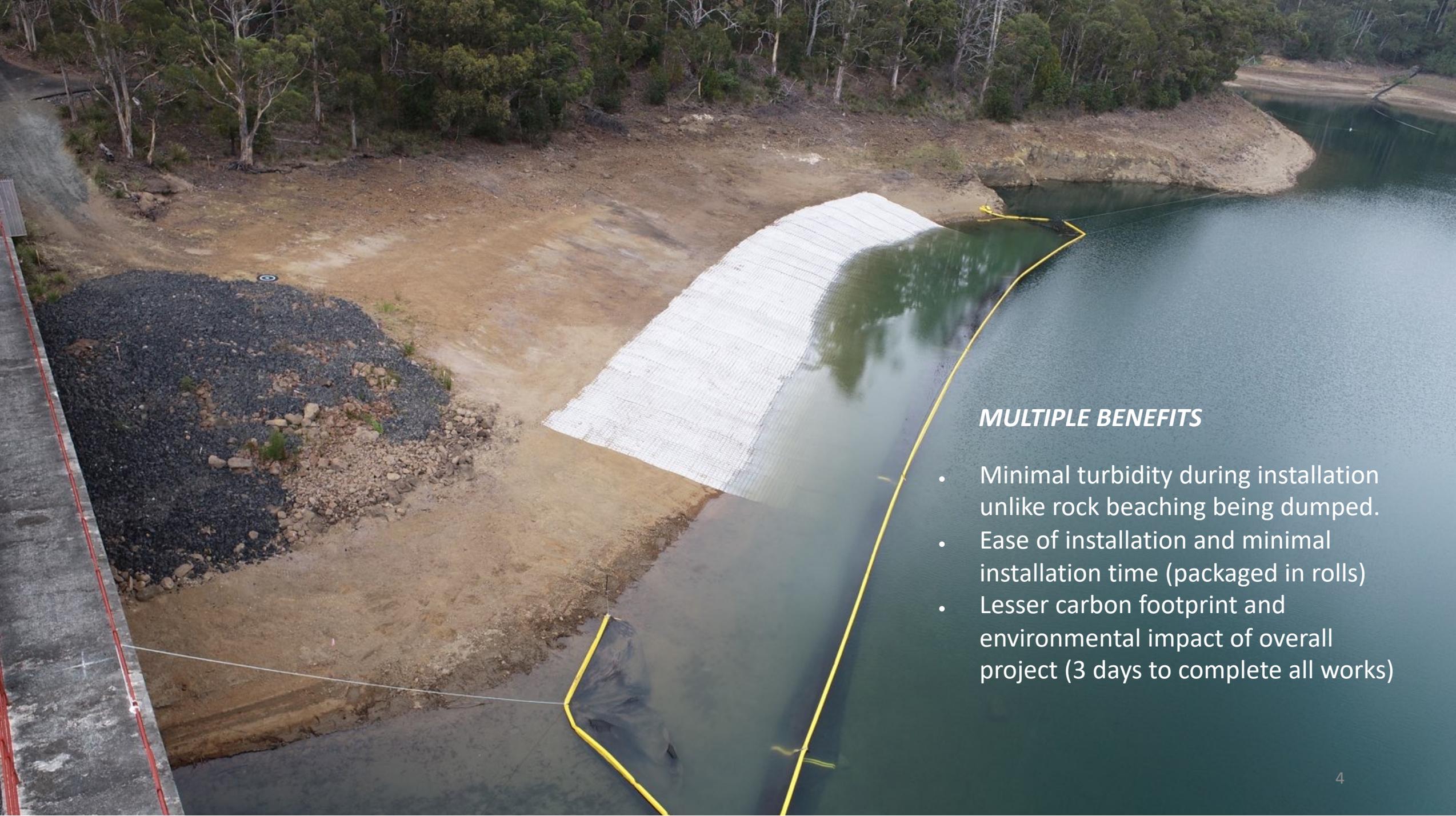
*Ridgeway Reservoir (Hobart)*



## *Earthlok<sup>®</sup> Geogrid-Reinforced, Potable-Water Approved Flexible Concrete Matting*

- Earthlok was selected by TasWater as the solution for their erosion/sediment issue at Ridgeway Dam (Hobart) for a number of key performance reasons.
- The initial area of 900m<sup>2</sup> was completed in just 3 days by MSD Civil Constructions, who were first time users of the Earthlok. They commented how quick and easy it was to install.
- The low water levels enabled them to take advantage of this to now work back up the embankment. This area of approx 4000m<sup>2</sup> (200 ton of hard armour protection) will be stage 1 of the works to be completed. Water quality will be monitored after each stage of installation until they reach their quality improvement target.





### ***MULTIPLE BENEFITS***

- Minimal turbidity during installation unlike rock beaching being dumped.
- Ease of installation and minimal installation time (packaged in rolls)
- Lesser carbon footprint and environmental impact of overall project (3 days to complete all works)

An aerial photograph showing a dam structure on the left. A large, rectangular, white geotextile mat is being installed in the water, extending from the dam towards the right. The mat is held in place by a yellow floating barrier. The water is calm, reflecting the sky and the surrounding trees. The right bank is a mix of dirt and rocks, with some vegetation. The overall scene is a construction site for a water treatment or containment structure.

### ***MULTIPLE BENEFITS***

- Precast, 'ready to go' product with geotextile attached (no concrete pouring onsite and able to install into water)
- Potable water AS 4020 certified (requirement for this project as it supplies town water to Hobart)
- Expected design life 50+ yrs
- Substantial overall cost and time savings to traditional rock beaching
- Safer to walk on than rock armour



**EARTHLOK<sup>®</sup>**

*flexible concrete matting*

