

## **Lightweight fill in dam remediation - a case study**

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**SYNOPSIS.** The east dam at Millbuies Loch was reconstructed following observations of crest settlement. Investigations found the embankment was founded on a layer of peat. It was concluded that there was significant potential for further settlement of the peat foundation if additional soil were added to make up the freeboard. The embankment was reconstructed using a combination of existing fill and new expanded polystyrene lightweight block fill.