

# PROJECT NEWS

**stonbury**

## PROJECT ROOF REFURBISHMENT OVER LIVE WATER



Stonbury were contracted to refurbish the roof of a live contact tank & high lift sump to eradicate water ingress issues from existing membrane and joint failures.

This job consisted of:

In brief, scope was as follows:

- Installation of 120m MOT roadway for access to the CT & HLS
- Machine excavate soil overburdens and form trenches to the perimeter of both tanks
- Break out 4th side concrete embankment of the HLS to 650mm below roof slab and reinstate with Gabion Baskets detail finish.
- Prepare roof slabs for the application of 3615m<sup>2</sup> Xeric membrane
- Overband roof joints - Thoroflex
- Install 1m wide reinforcement membrane strips over all perimeter roof wall joints/existing water bars
- Install bitumen sheet roof membranes
- Apply batten & Aqualine edge detail to perimeter of roofs and upstands
- Install Geofabric membrane
- Install new perimeter drainage system and outer perimeter land drains
- Reinstate with 40mm stone overburden
- Install GRP Walkway design and detail
- Install New Hand railing edge protection
- Reinstate tracked grounds
- Reseed offsite stored spoil area with wild flower