

MAINTENANCE REFURBISHMENT NEW BUILD

PROJECT RESERVOIR SAFETY



Stonbury is pleased to offer a range of services to improve the safety of impounding reservoirs and help clients meet their reservoir safety regime obligations. Works include the installation, maintenance and refurbishment of a variety of structures associated with impounding reservoirs.

Dams and Walls

Stonbury provide specialist repair, leak-sealing, stabilisation, and modification to a range of structures including, but not restricted to:

- Concrete, stone, and block dams
- Earth fill and rockfill embankment dams
- Retaining walls and perimeter walls
- Steel components, e.g., weir plates

Spillways

Spillways require regular inspections and maintenance and therefore Stonbury frequently undertake the following works to ensure their continued safety and functionality.

- Cleaning and inspection
- Vegetation removal
- Repairs to concrete, stone and block structures
- Stabilisation and improvements to spillway walls and basins
- Stone works: Replacement, rebedding and repointing.

Tunnels and Pipework

Works include specialist repairs and maintenance to structures such as shafts, scour tunnels, draw-off towers and other concrete and steel pipework.

- Cleaning of sludge, silt and ochre build-up
- Removal of degraded coatings
- Concrete repairs
- Waterproof coating application
- Steel pipework replacement, refurbishment, and rustproofing
- Repacking of leaking valves
- Drainage improvements, manholes and chambers

Access Structures

Stonbury supply new build access structures along with maintenance and refurbishments that ensure the provision of safe and secure access to assets.

- Vehicular access tracks
- Steps and walkways
- Steel, concrete or gravel pathways including non-slip coatings
- Entrances, gateways and fencing
- Repair or replacement of steel landings, ladders and handrails
- Steelwork blasting and painting of handrails and bridges

Embankments

Installations and works to control erosion and maintain and stabilise embankments include:

- Gabion baskets
- Stone, concrete, or geotextile retaining walls
- Reforming of earth embankments
- Wildlife exclusion, e.g. rabbit netting and artificial badger sets
- Grass cutting