

Project Profile



Project Title	Buttermere WTW
Client	Pierse Contracting/ United Utilities
Project Value	£0.9m
Contract Conditions	ECC Option C
Duration	40 weeks
GHA Livigunn Services	Civil and Structural Engineering, Architectural Design

Description

Reconstruction of a 0.13MLD drinking water plant to ensure cryptosporidium removal and plumbosolvency compliance. Works comprised membrane filtration, chemical dosing, new covers to existing sand filters and modifications to inlet flow measurement. The plant lies in between 2 sites of SSSI and an area of special conservation and is an extremely sensitive site. The new buildings were designed to be in keeping with agricultural buildings in the area and required very careful architectural detailing to meet LA Planning requirements. Further constraints were imposed by the sloping site and access road which is used heavily by tourists in the Summer months.