



**GEORGE
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GLENCAPLE ST GROWTH

APRIL to DECEMBER 2026





**GEORGE
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2026



George Leslie is a Scottish based Civil Engineering Contractor based in the outskirts of Glasgow. Working across Scotland and beyond, we undertake projects ranging from Water to Power, Marine to Renewables and Infrastructure

We take pride in our sustainable values, delivering beyond our obligations to continually improve. Our culture has embedded enthusiasm of one mind, to strive and lead in our industry for a sustainable future for our people and for Scotland.

George Leslie has built up a client base and workloads developing marine works, energy, infrastructure and water management throughout Scotland. With our in-house plant, equipment and expertise, we aim to tackle complex projects, self-delivering in an efficient and cost-effective manner.



Project Overview

The Glencaple Septic Tank project involves the construction of a new septic treatment system to increase capacity and improve performance at the existing site on the River Nith. The works include installing two new GRP septic tanks with interconnecting pipework, tied into the existing inlet arrangements via modifications to the NRV/splitter chamber. A new outfall will be constructed to discharge treated effluent to the River Nith.

www.georgeleslie.co.uk



Contract Manager

Mark Gallgher

Project Manager

Barclay Smart

Site Agent

Danny Munn

Scottish Water PM

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Scottish Water Snr PM

Colin Douglas

25 June 2026

Project Background



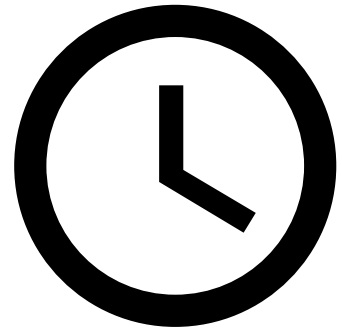
The Glencaple Septic Tank project is a Scottish Water capital investment scheme and is scheduled following its award in October 2025. George Leslie was appointed as both Principal Designer and Principal Contractor, with responsibility for health and safety duties under the Construction (Design and Management) Regulations 2015.

The project addresses capacity and compliance issues at the existing Glencaple septic tank, which is operating at or near capacity and is classed as “amber” under the MOU with SEPA due to impacts on the River Nith. Historic assessments identified hydraulic overcapacity during peak flows, and projected development in the area has increased the population equivalent requiring treatment. The works are intended to improve treatment capacity, maintain regulatory compliance, and support current and future housing growth.

The scope comprises the design and construction of a new septic tank system and associated infrastructure. Key elements include the installation of two new GRP septic tanks with interconnecting pipework, new outfall pipework discharging to the River Nith, and modifications to the existing NRV/splitter chamber to divert flows. The works also include replacement of one pump in the existing wet well, construction of a new sludge tanker layby, sludge draw-off arrangements with kiosk and vent stack, telemetry upgrades, and commissioning of the new assets. Following successful commissioning, the existing septic tank will be decommissioned, and the site landscaped and cleared.

The site is located on the River Nith estuary adjacent to the village of Glencaple, near residential and commercial premises, requiring careful management of access, traffic, deliveries, and public interfaces. Tidal conditions, archaeological constraints, and environmental consents are key considerations. Scottish Water will provide planning permission, licences (including Marine Scotland), and pre-construction information, while the contractor supports the consenting process.

Project Timeline



Four week look ahead



Monday 16 March 2026

Start on Site

Traffic Management setup
to create ramp access to
future site compound

Installation of dropped kerb

Build temporary concrete
footpath

Installation of access ramp

Complete hardstanding /
compound area

Delivery / Installation
of site cabins

Build haul road to Outfall

Commence Outfall works

Completion of cofferdam

Sceptic tank installation

Rock armour installation

M&E works

Drainage works

Tanker layby works

Landscaping

Friday 11 December 2026

Demobilisation Complete



June Update

In May, activity centred on establishing the site. Access routes were completed and temporary working platforms installed, allowing George Leslie to move into early outfall works. Initial excavation, the placement of rock armour and gabion systems and the casting of key concrete components marked the first substantive progress. At the same time, logistical constraints were addressed through improved site access.

Through late May and into June, delivery accelerated with the outfall construction. Pipework installation began, supported by in-house welding capability, while legacy structures were dismantled and removed. The team's problem-solving, revising construction methodologies in response to design and site constraints, notably in the adoption of alternative scour protection solutions. This period also saw the project contend with environmental pressures, including tidal working windows, yet maintain momentum through improved sequencing.

By early June, drainage works and the installation of piling mats for the cofferdam progressed, reflecting a deliberate intent to reduce the programme. Sheet piling operations commenced shortly thereafter, encountering subsurface obstructions that required on-the-spot design validation and adaptation. These challenges were managed without material delay and monitoring confirmed structural stability throughout.

Core structures such as the outfall manhole moved from excavation to concrete base installation and ring construction, while

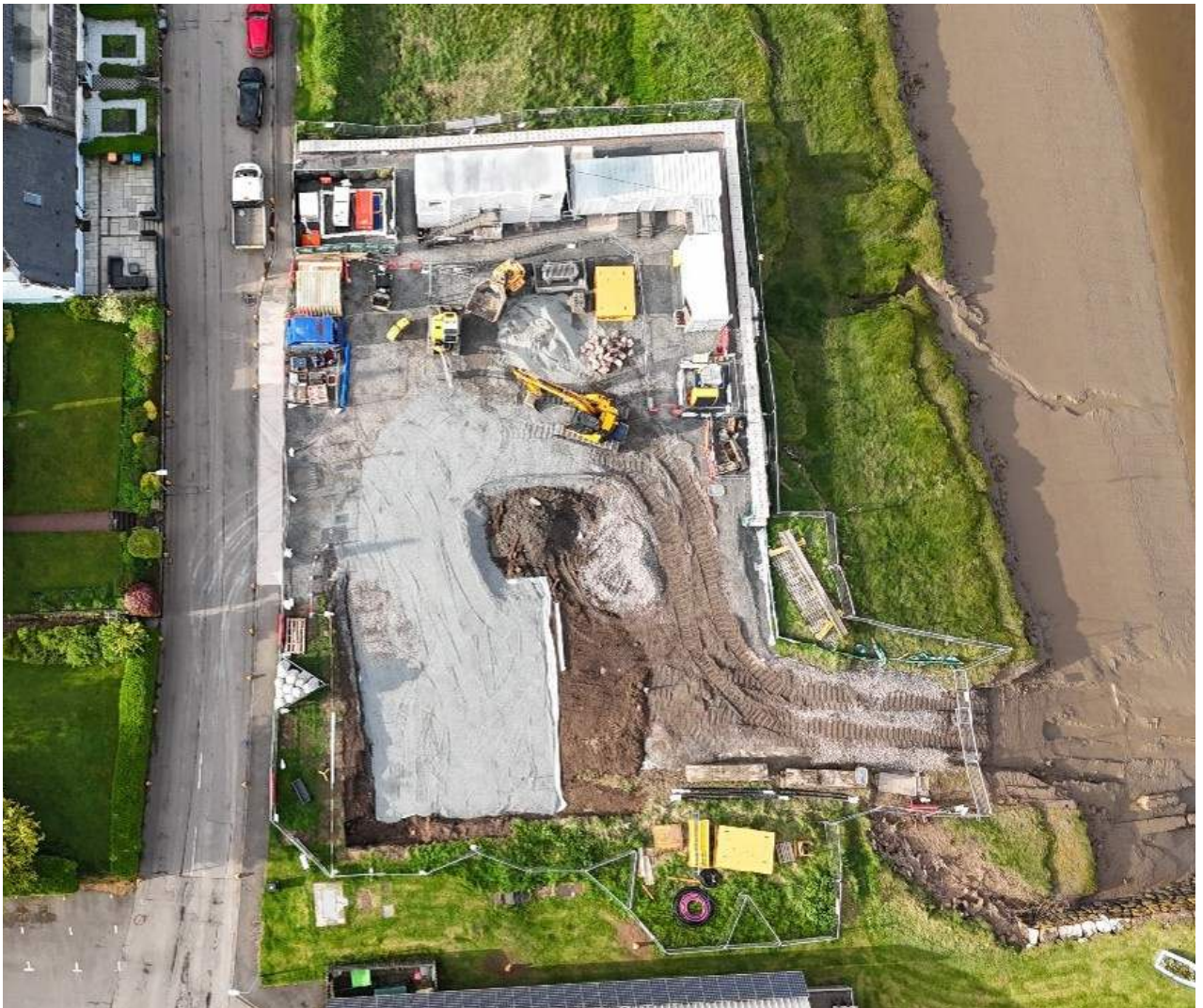
cofferdam framing and excavation began to open up the next phase of works.

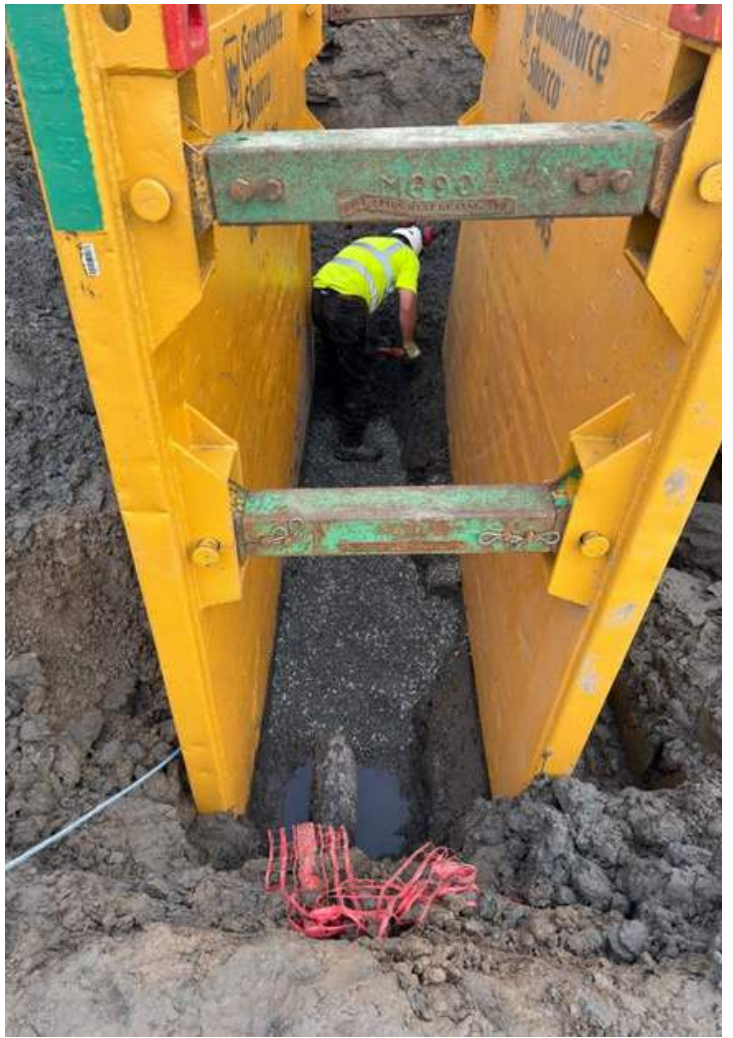
Cofferdam installation has enabled deeper excavation and structural elements of the outfall system are now visibly taking shape. External factors such as delayed tank deliveries and deferred road closures have had limited impact.

Looking forward to July, the focus is advancing the outfall manhole and associated effluent sampling chamber to completion, while undertaking the temporary diversion and removal of the existing outfall infrastructure. Cofferdam works will intensify, with excavation continuing to address identified obstructions and create the conditions necessary for dewatering operations.

Alongside these activities, the project will move into more technically demanding temporary works, including mass concrete placement, installation of pressure relief systems and preparation of formation levels within the cofferdam footprint. These interventions are critical precursors to the permanent structural works and will require careful coordination.

July represents a shift from visible progress to critical depth, where the success of earlier groundwork will be tested against the subterranean construction. The hope is that we have not only maintained control but has positioned ourselves to convert early gains into sustained delivery advantage.





Thank You



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Water**
Trusted to serve Scotland



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