

What has been done since February 2025

Pipe re-lining complete

Thanks to surveys done along our network last year, some defects were identified. This meant that extra water was entering our sewer network, putting our wastewater treatment works under extra pressure. We are pleased to say that we have now completed our work to re-line these pipes, totalling 393 metres. We are already seeing the benefits at our treatment site. We would like to apologise for any inconvenience caused whilst the work was underway.

New lamella unit

Earlier this year we added a new piece of kit to our works called a lamella unit. This is displayed to the image on the right.

This is an additional settlement tank to further help with the treatment process and has helped to expand the capacity of the works by an extra 50% of the current site flow. This has reduced spills from the storm overflow considerably, and is an interim measure until the proposed upgrades to our works come online in the future.

Proposed timeline (*subject to change)

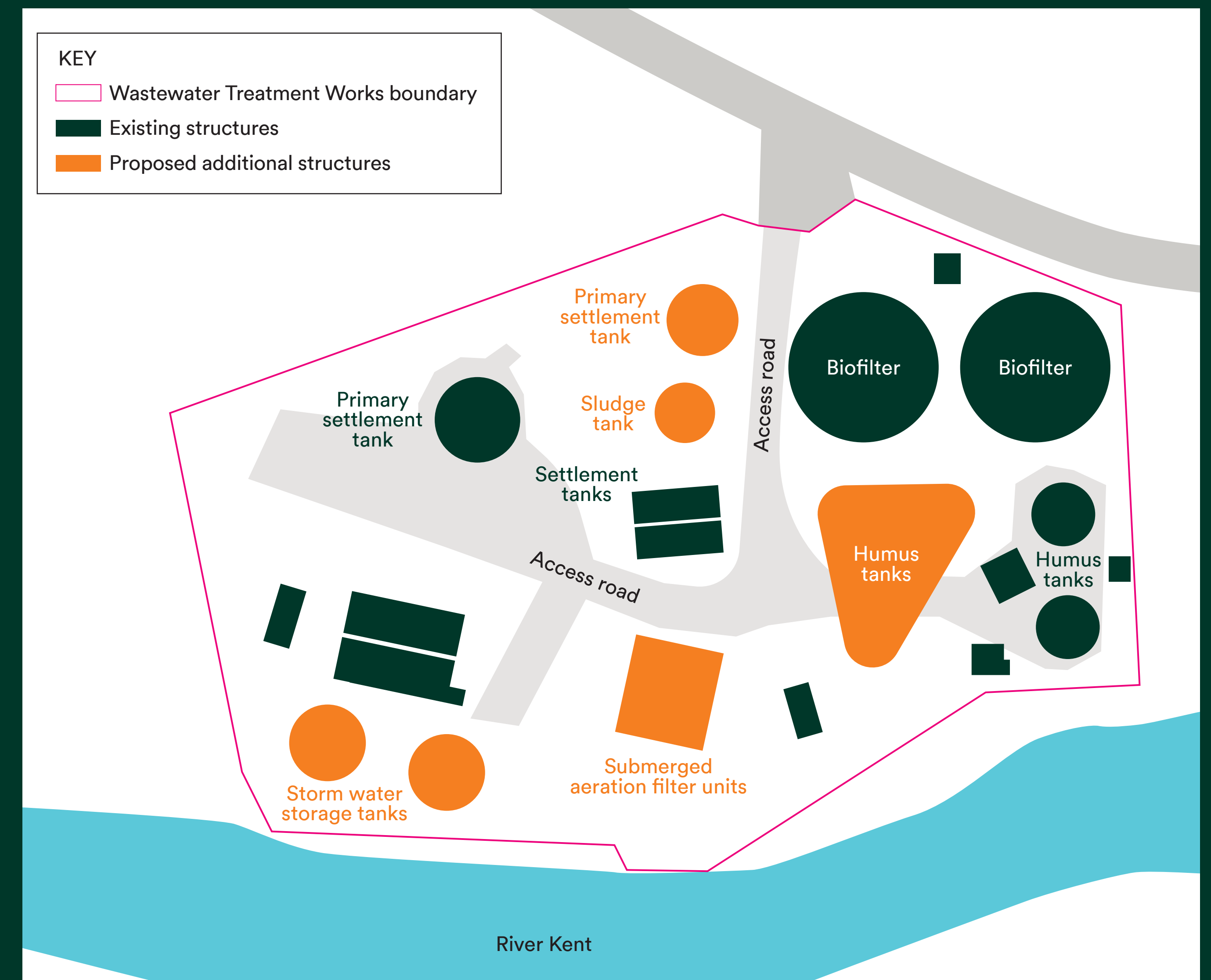
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|---------------|-------------------------------|
| • Winter 2025 | Early start on site at WwTW |
| • Spring 2026 | Main construction work begins |
| • Summer 2027 | Planned completion expected |



What is to come: Staveley Wastewater Treatment Works

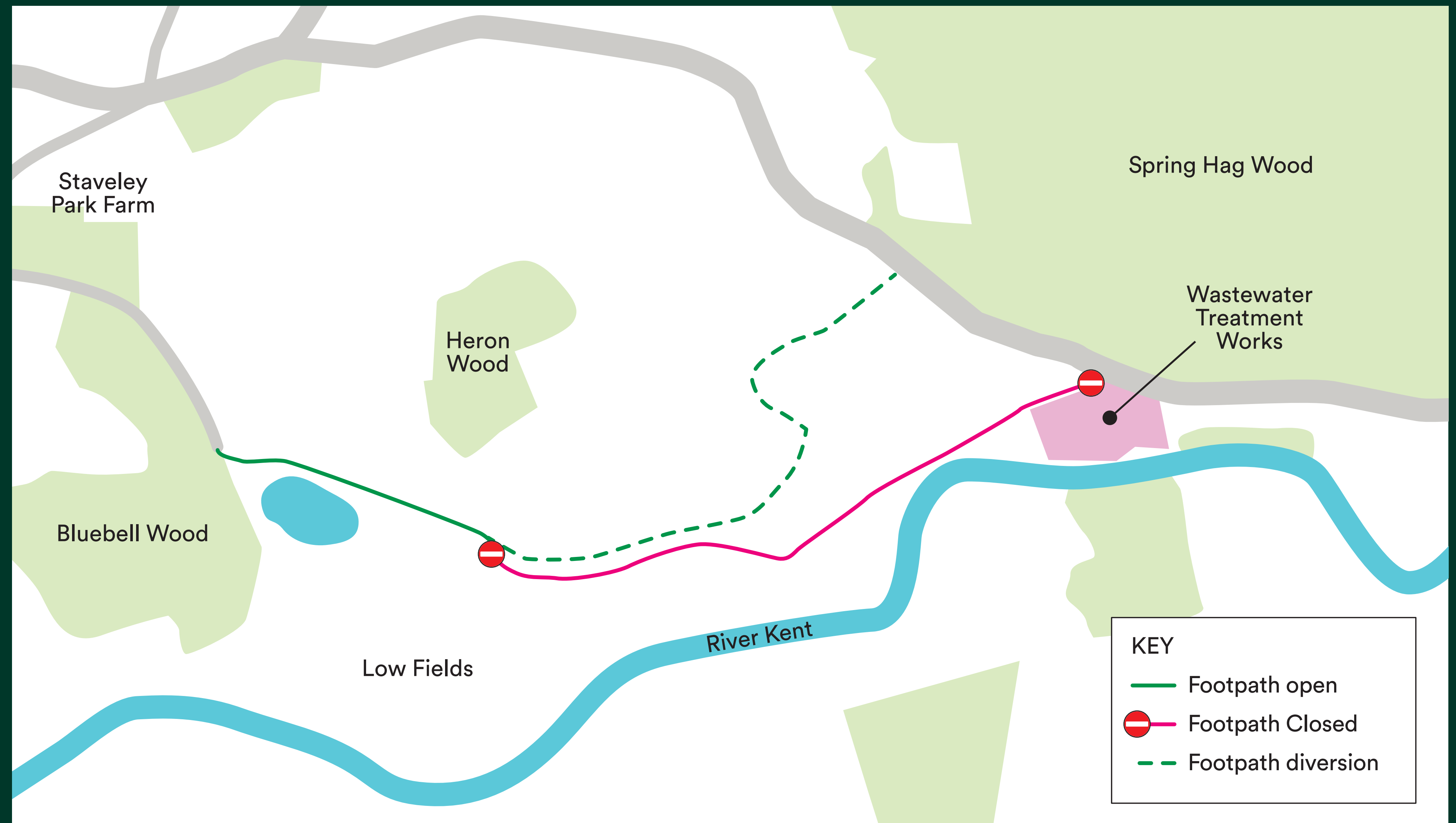
To help improve treatment standards and be able to treat more sewage at our works, we have come up with a plan which involves working within our existing site. We are proposing to add the following new assets into our site:

- **Additional above ground storage tanks.** These storage tanks will store storm water when we have heavy rainfall, preventing our system from being overloaded with excess water. These tanks will hold around 450m³ of water – approximately the size of one standard leisure centre swimming pool!
- **A Primary Settlement Tank (or PST for short).** This tank will help remove most of the solids from the wastewater coming into the works. We already have 1 PST, adding another will help treat wastewater quicker.
- **Submerged Aeration Filter units, also known as SAF units.** This is a secondary treatment of the wastewater going through the works and uses a media to breakdown the wastewater.
- **Additional Humus tanks.** This is the final settlement tank where any remaining solids, that are left after the wastewater has been through the process, settles. We already have two of these Humus tanks, so an additional three will help us to be more efficient.
- **A new sludge tank.** This is where the sludge from the PSTs goes and is then emptied. We already have a sludge tank, we plan to decommission the current tank and replace with a larger unit.



Carrying out the project considerately and safely

Whilst all our planned works will be going on within our works, we need to ensure that the area surrounding the site is safe for the public. Because we are proposing to install several new assets at our works, we will need an area to accept and store the delivery of these items, as well as a welfare area for our staff. We will be using some land surrounding our works, however this will mean that we need to create a diversion in the footpath near the works. The diagram shows the footpath as it stands currently, as well as the diversion that we are proposing.

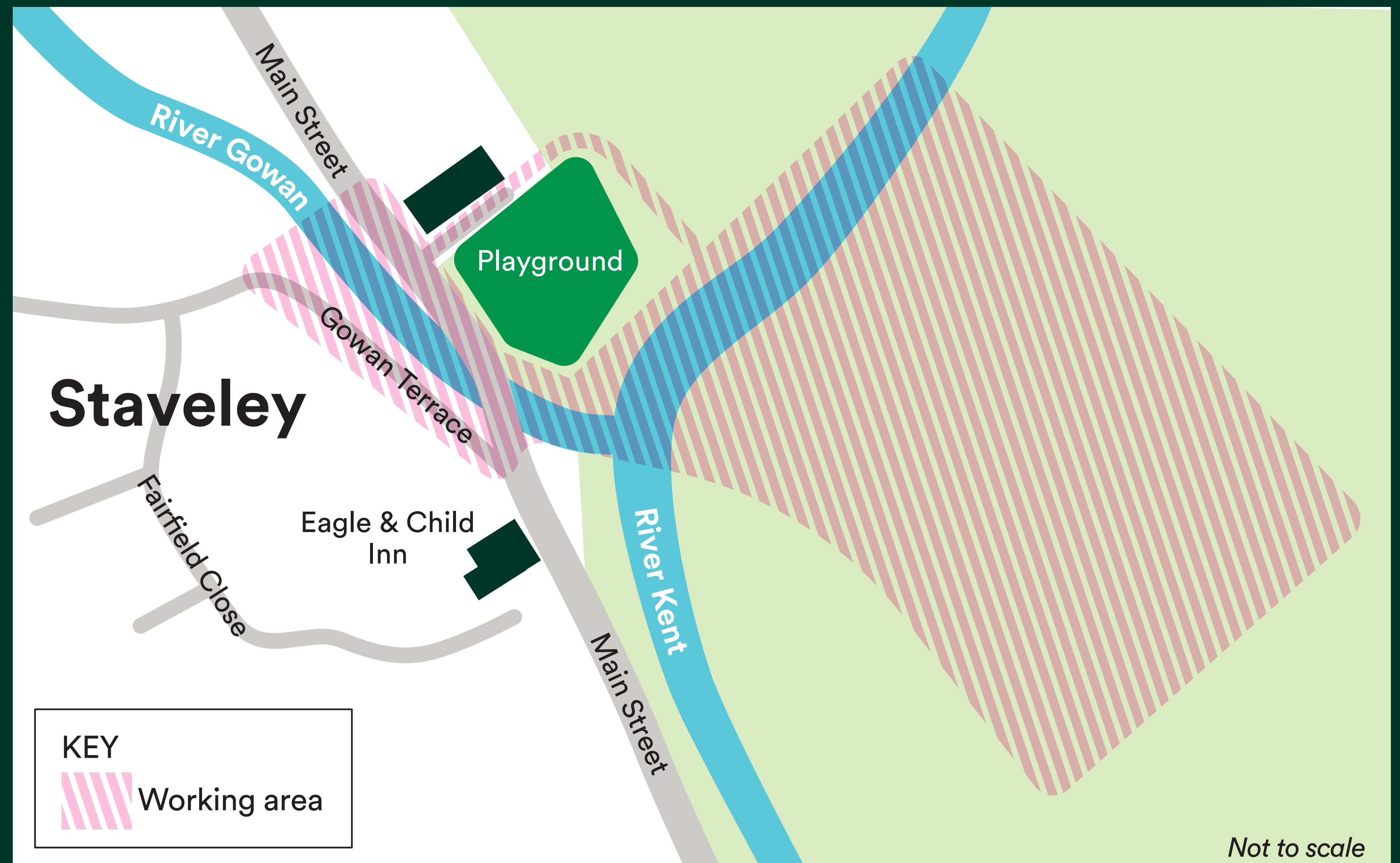


What is to come: Crossing the River Kent

You may have seen our teams doing some surveys in the field opposite The Eagle & Child recently. This was to identify the best route for some new pipes needed to our wastewater treatment works, as well as the best place for this new pipework to cross the River Kent. This new pipework will not be visible once installed and at the river crossing it will be buried below the riverbed.

With work needed in the river itself, we have been directed by the Environment Agency that, due to fish breeding season, the work must be undertaken between June - September. We are currently exploring all options to ensure that we can complete this work as quickly and efficiently as possible, with minimal disruption to residents. Once we have a confirmed plan we will communicate this to all residents in the village.

Construction will not impact the playground itself and we are working to ensure maximum access to the playground during the on-site construction, whilst maintaining safety of users.



What is to come: Brow Lane

We are currently working on plans for some surface water separation works on Brow Lane. This will involve the laying of some new pipework, the proposed route of which you can see in this diagram.

What is surface water separation?

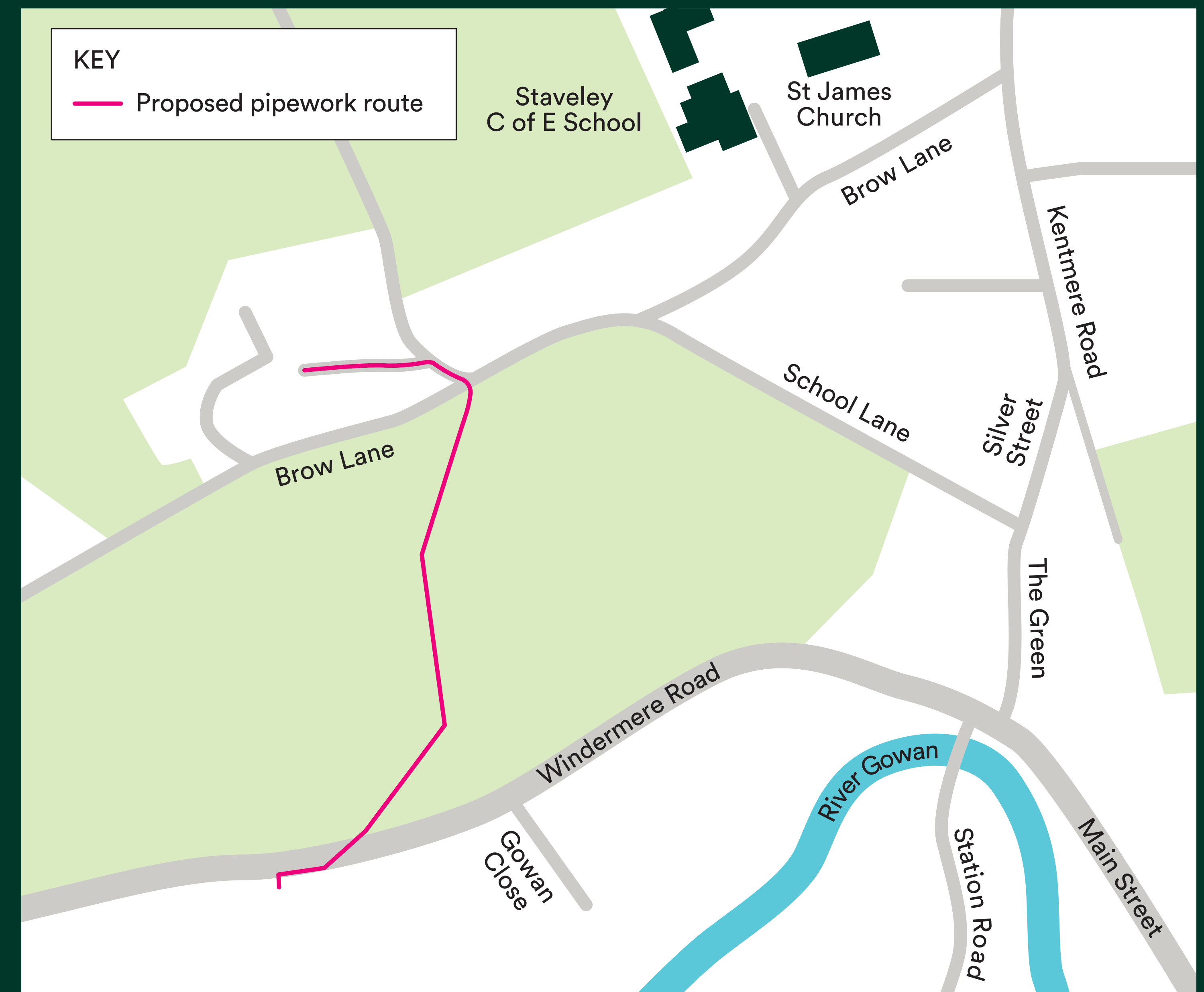
Surface water separation is the process of directing rainwater and other clean, uncontaminated water away from the sewage network, into separate drainage systems that go to a stream, river or soakaway. This helps to mitigate flooding, prevent storm overflows operating in heavy rainfall and eliminate the overload of our treatment works.

What will happen?

We are looking to take the surface water away from our sewage network through new pipework and into the River Gowan. This water is clean and uncontaminated; therefore the best solution is to return it to the environment.

When will this work take place?

We are in the early stages of project design so do not currently have a timeline for this work. When we have this confirmed we will let all residents know a more detailed plan of the work required including timelines.

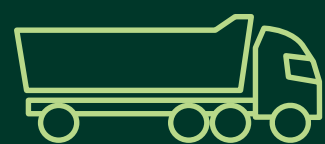


Construction Traffic

There will be an increase in construction vehicles travelling to and from our wastewater treatment works, however we are proposing to use a route that does not come through Staveley village. This would mean that there should be no construction traffic coming through Staveley to access our works.



There will be a traffic management and access plan in place during the main construction phase with a designated route to and from the treatment works site



All construction traffic movements will be during normal working hours; Monday - Friday, 8am - 6pm. Access will be maintained during school pick up/drop off hours



Residents will always have access to their properties



We are aware that this road is used by cyclists and walkers frequently and this is being taken into account

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