



**Scottish
Water**

Trusted to serve Scotland

Welcome

Thank you for attending today's event about our proposed investment in Lower Largo



The objectives of today's event are:

- **To provide information on our plans.**
- **To answer questions and discuss any concerns.**

Please don't hesitate to speak to the team if you have any questions to ask, or feedback you would like to give – We are happy to help.



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Overview

- **Scottish Water is committed to working with SEPA, Fife Council and the local community to invest in the waste water treatment at Lower Largo and deliver improvements for future generations and the environment.**
- **Lower Largo bay has been designated an official bathing water and Scottish Water continues to liaise with SEPA and others with regards to understanding the improvements needed to the waste water network and assets to meet Sufficient status as a minimum.**
- **We have undertaken a programme of work in Lower Largo, to understand any impact our waste water system has on the water quality and we are committed to working with SEPA and others to deliver any improvements identified as needed.**
- **Today's event is to share information on our proposed investment to deliver the improvements required to improve the water quality and meet the bathing water designation.**



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What we are proposing

- Our proposal is to install a new treatment solution which involves a non-chemical waste water treatment plant incorporating UV disinfection alongside secondary treatment to improve the water quality to support meeting the bathing water designation.
- This new WwTW works would produce a significantly higher quality of effluent than the current WwTW and offer the best opportunity to deliver the improvements required to improve the water quality and meet the bathing water designation.
- Delivery of this project would involve the installation of equipment including a new access road and bellmouth off the existing A915, two secondary treatment kiosks (18 metres x 4 metres x 3.5 metres high), tertiary filters, UV filters and temporary power generators.
- Equipment will be housed within and protected by a 2.4m high security fence, with security gate.
- A planning application has been submitted to Fife Council, and this has been posted on the planning portal at Fife Council's website.



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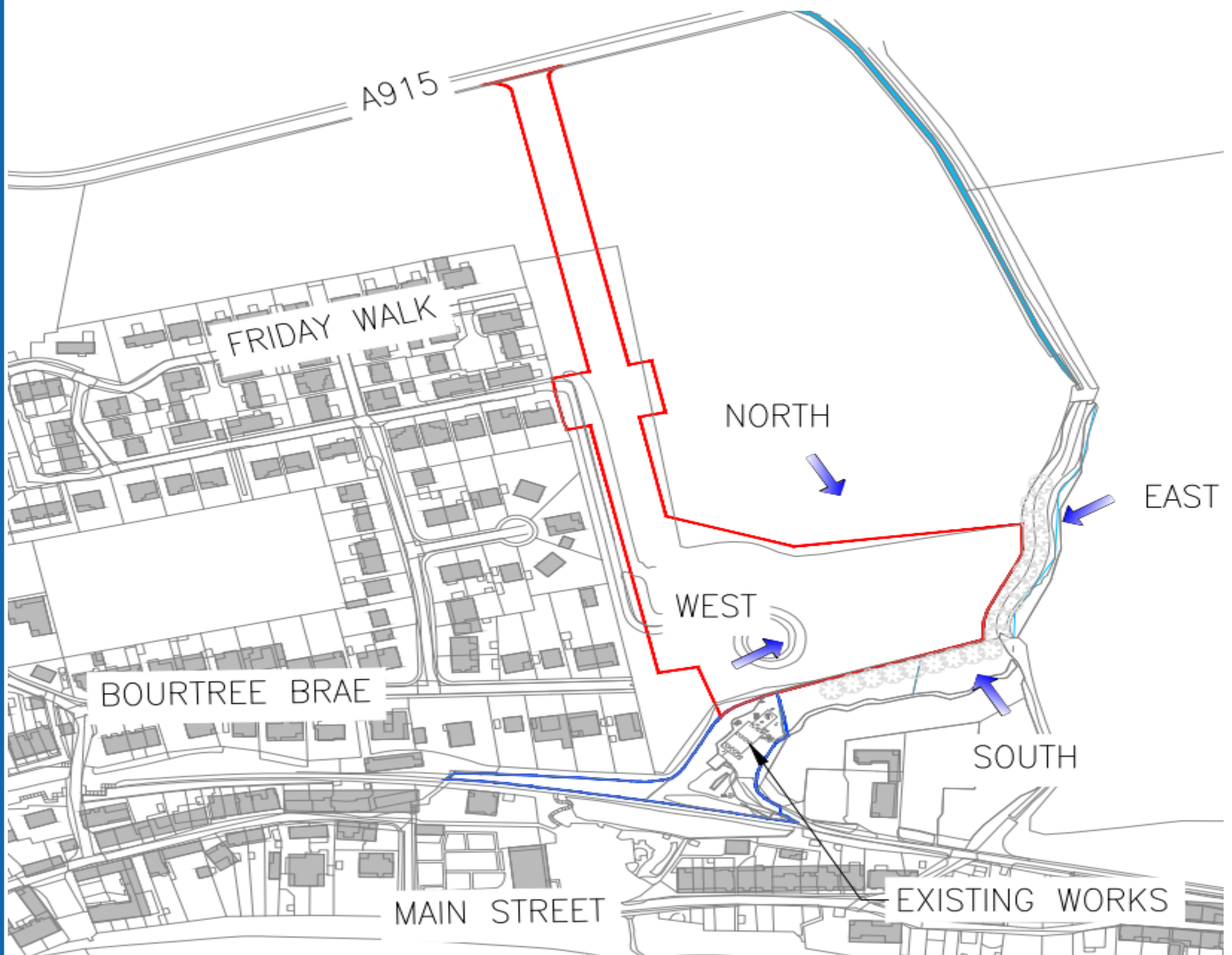


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Proposed Location



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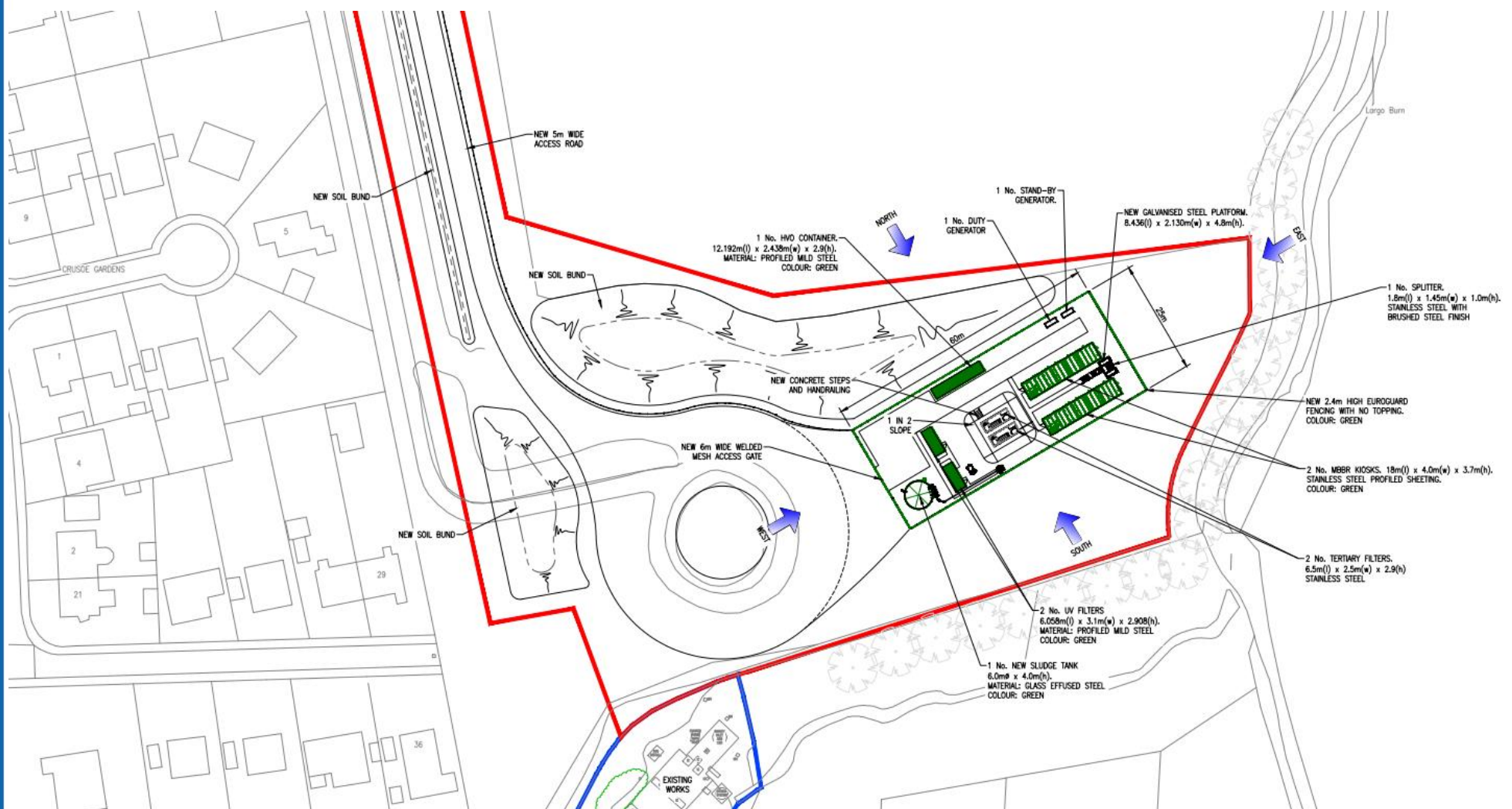


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Proposed Location of WWTW



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New Wastewater Treatment Works

The purpose of the new treatment system is to increase treatment capacity of the existing wastewater treatment works, especially during the busy summer season.

The new system comprises of three main pieces of equipment: Two m-MBBR® (modular Moving Bed Biofilm Reactor) Units, Two Microscreen Filters and Two UV Filters.

m-MBBR®:

- Biological treatment unit used to reduce contaminants and remove waste solids the wastewater.
- Reduces the need for the addition of chemicals in the wastewater.
- Modular system which minimises footprint on site.

Microscreen Filters:

- A physical barrier to further remove waste solids.
- Ensures water is of a quality where disinfection through UV treatment is maximised.

UV Filters:

- Kills harmful bacteria that is unable to be removed in the previous treatment stages and improves bathing water quality for the local community.

Installation of New Treatment Works:

- All pieces of equipment fabricated off-site, meaning less installation time onsite.
- Majority of the pipework to be installed above ground (within site vicinity), reducing installation time.
- Access to new treatment works from A915, this will minimise construction traffic through the housing estate.



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Keeping In Touch

We are committed to keeping you, the local community, fully informed and engaged on our proposal.

You can access our dedicated webpage to view project progress and all our information at www.scottishwater.co.uk/LowerLargo, or reach us via our:

- 24/7 Customer Helpline, on 0800-0778778
- E-mail, at Help@Scottishwater.co.uk

Please provide our project reference [Capital/542462/RSE](#) when contacting us. Project communications will be issued via press release, customer letters, and stakeholder updates as appropriate.



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