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# Isle of Seil – Information Event

- Why are we here?
- Provide a long term sustainable Waste Water treatment system for the Island of Seil
- Provide first time treatment to the current untreated discharge at Seaview Terrace
- Agree long term actions to reduce storm water spills and provide more sustainable treatment at the existing Balvicar Works
- To communicate and engage with the community and seek feedback



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# Stakeholder Group

- **Members**
  - Chair: MSP Michael Russell
  - Community stakeholders
  - Independent expert
  - Scottish Water
  - SEPA
  - Local elected Councillors
  
- Group formed to examine options and agree best possible alternatives for sustainable waste water treatment on Seil



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# Options appraisal

Various options considered against a framework of factors;

- Customer experience
- Customer service
- Certainty of performance
- Construction and timing
- Future flexibility, resilience sustainability
- Whole life cost

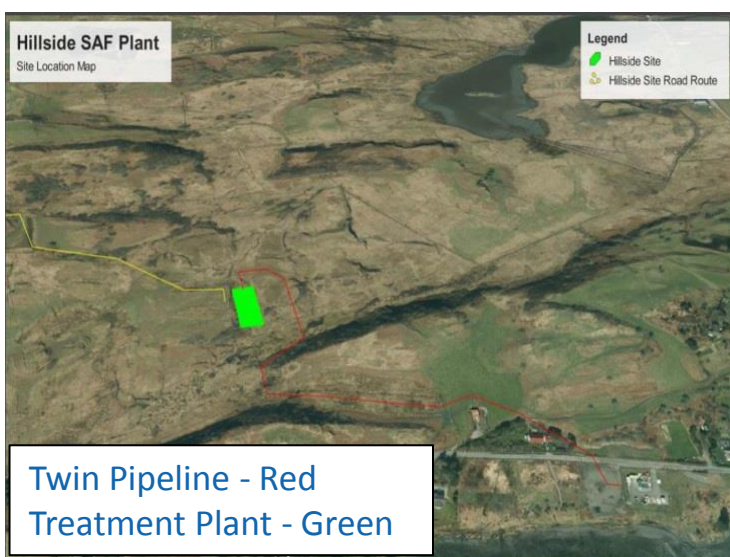


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# Preferred option identified

A secondary treatment plant with tertiary disinfection, located inland



Example of similar plant in Kishorn



- WWTW relocated to landward side of B844 to reduce the visual impact to the local community.
- Discharge via existing outfall to Seil Sound
- New 20m<sup>3</sup> Septic Tank at Seaview using existing Outfall
- Viability subject to land, planning, environmental consents being achieved





# Preferred Option – pro's and con's

Pros	Cons
<ul style="list-style-type: none"><li>○ Shorter twin pipe from current to new site, rather than over hill to Seaview</li><li>○ Mitigates the visual impact of the existing site which will become a below ground pumping station</li><li>○ Minimises impact on Seaview area</li><li>○ Uses tried and tested technology</li></ul>	<ul style="list-style-type: none"><li>○ Land purchase and a large site footprint (circa 50m x 135m) with long access track.</li><li>○ Above ground treatment units requiring security fencing and screening in a greenfield area</li><li>○ Retains outfall to Seil Sound Shellfish Waters</li></ul>



# Other options considered

Option	Existing Clachan Balvicar STW	Seaview Terrace
<b>0A</b>	Retain existing works with additional treatment of storm discharges and UV disinfection	New 20m <sup>3</sup> septic tank with existing outfall
<b>0B</b>	Retain existing WWTW and provide additional side stream treatment with UV disinfection	New 20m <sup>3</sup> septic tank with existing outfall
<b>0C</b>	Retain existing WWTW, remove surface water, and provide additional UV treatment	New 20m <sup>3</sup> septic tank with existing outfall
<b>1</b>	Replace existing works with septic tank, submerged aerated filter, final settlement tank and UV disinfection, discharge via existing outfall	New 20m <sup>3</sup> septic tank with existing outfall
<b>1A (Preferred)</b>	Variant on Option 1 with WWTW relocated to landward side of B844 to reduce the impact to the local community, discharge via existing outfall	New 20m <sup>3</sup> septic tank with existing outfall
<b>2</b>	Replace existing works with septic tank, reed bed and UV disinfection, discharging via existing outfall;	New 20m <sup>3</sup> septic tank with existing outfall
<b>2A</b>	Variant on Option 2 – relocate reed bed to landward side of road to reduce the impact to the local community with discharge to existing outfall (with UV)	New 20m <sup>3</sup> septic tank with existing outfall
<b>3</b>	Transfer Option. Replace existing WwTW with modified pumping station, storage and rising main. Transfer flows to new septic tank (240m <sup>3</sup> ) located at Seaview site. New outfall to meet environmental standards	Existing outfall removed and Seaview network connected to new septic tank capable of serving the island.
<b>3A</b>	As Option 3	Variant on Option 3 with provision of additional UV disinfection
<b>3B</b>	As Option 3	Variant on Option 3 with relocation of outfall to a location to the south of the reef features
<b>4</b>	Disconnect the current agglomeration and provide multiple septic tanks in Clachan Balvicar network	New 20m <sup>3</sup> septic tank with existing outfall
<b>5</b>	Transfer Clachan / Balvicar flows to North or South of the current area via new (circa 4km) sewer, dependent on designations and further engagement	New 20m <sup>3</sup> septic tank with existing outfall



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# Next steps

- Record and review wider community feedback from today's event
- Applications to SEPA for preferred option (July)
- Applications for planning and other technical submissions (November)
- Confirm revised delivery timelines for both the inland secondary disinfection plant and the septic tank at Seaview
- The information from today's session will be available via our dedicated webpage [www.scottishwater.co.uk/seil](http://www.scottishwater.co.uk/seil)
- Thank you for attending our event please leave feedback on the cards provided.
- If you would like to provide additional comments or feedback after the event please contact us via email:  
[\*\*project.communications@scottishwater.co.uk\*\*](mailto:project.communications@scottishwater.co.uk)