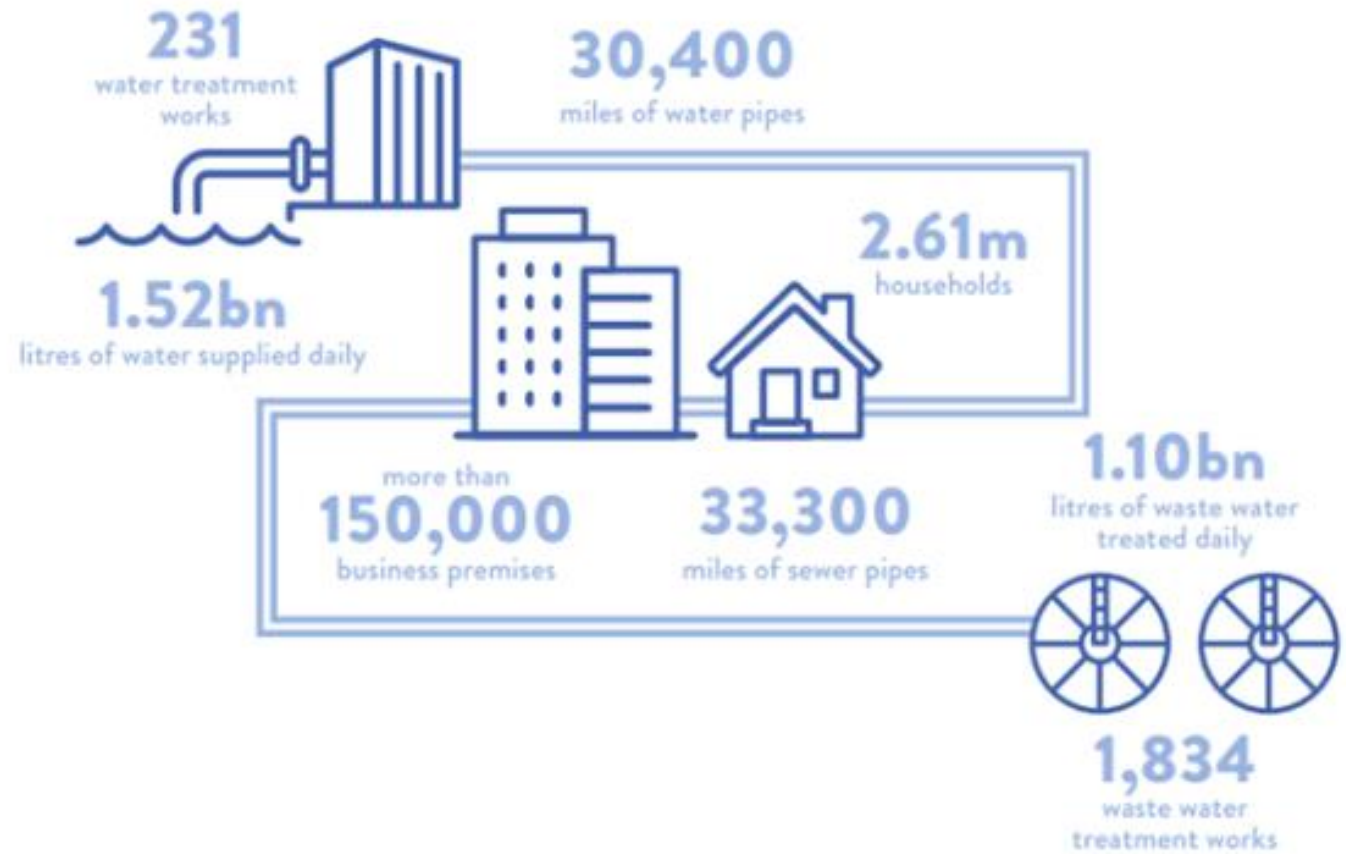
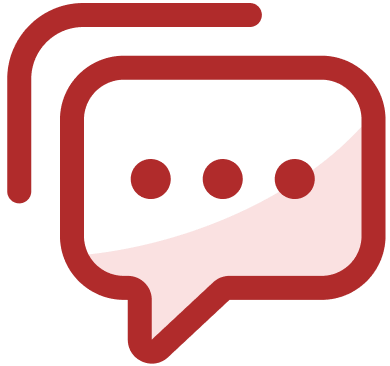




OUR VITAL ROLE COVERS:



slido



Audience Q&A Session

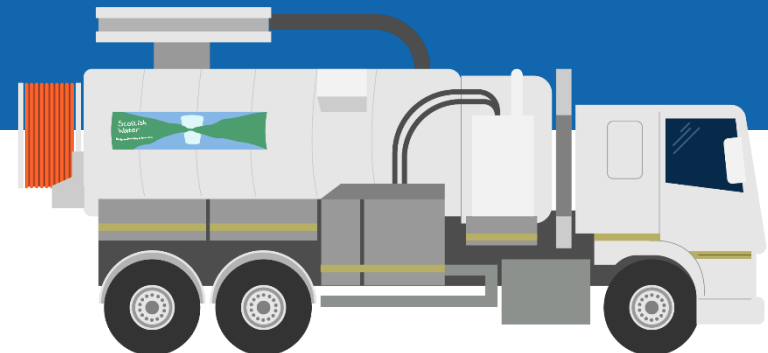
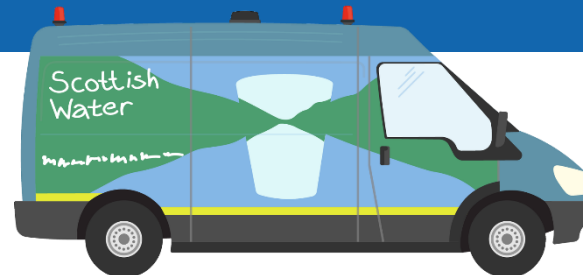
① Start presenting to display the audience questions on this slide.

Sewer Misconnections Study

- Study commenced in 2018, with remedial actions and investigations undertaken between 2019 - 2021
- Funded by the Scottish Government
- The aim of the project was to investigate the presence of sewer misconnections and identify sources of potential interaction between the sewer network and receiving watercourses

Focussed on three areas (covering four designated BW's) where the BW classification was "Poor" and was at risk of de-designation

Ayr, Nairn & Edinburgh



Study Scope

In collaboration with SEPA, the scope of the study was to focus on receiving watercourses and the surrounding sewer network.

Each study used

- Basket surveys
- FIO (Faecal Indicator organisms) sampling across the watercourses and surface water outfalls
- Ammonia sampling
- CCTV of the combined sewer network
- Visual surveys of identified key intermittent discharges

Where indicators of potential sewage were noted, dye testing and manhole surveys were carried out to identify locations for further investigation.

Crucially, the study would only be able to provide a picture of what was happening at that time

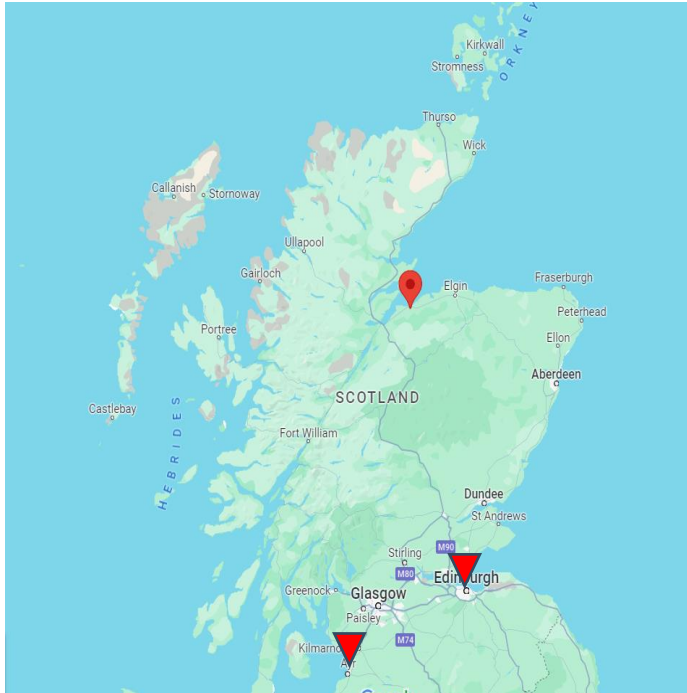


Study Outputs

Study outputs / actions were addressed in each of the 3 regions

Trackers were shared with SEPA with regular updates on progress

Scottish Water & framework contractors investigated & rectified each action where needed



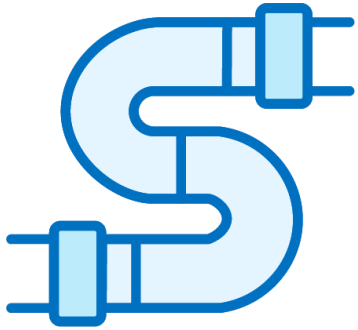
**Over 150 actions rectified
across Nairn, Edinburgh & Ayr**



Edinburgh Study –Fisherrow Focus



Fisherrow Sands BW was classified as “Poor” between 2015 – 2018 ahead of the study



21 Misconnections identified in the Edinburgh Study were investigated and rectified (if needed) ahead of the 2020 Bathing Season

Blockages and root cleansing noted through the study were also addressed

Significant investment and improvements were made to a nearby SW Pumping Station asset also



Collaborative working to engage and survey key households regarding misconnections

Challenges

- Limited scope of study
- Covid 19 Lockdowns
- Access issues
- Traffic Management issues
- Liaison with private landowners



Benefits

- Increased knowledge of our sewer networks
- Infrastructure Improvements
- Stakeholder Engagement
- Collaborative working with SEPA
- Supporting Citizens Advice Scotland (CAS) regarding misconnections

Nairn, Fisherrow & Ayr South Bathing Waters now classified as “Good” as of 2023 BW season

