BRISTOL WATER MAINS REPLACEMENT

Network Plusenvolve

Coast Road, Berrow
South Road, Brean

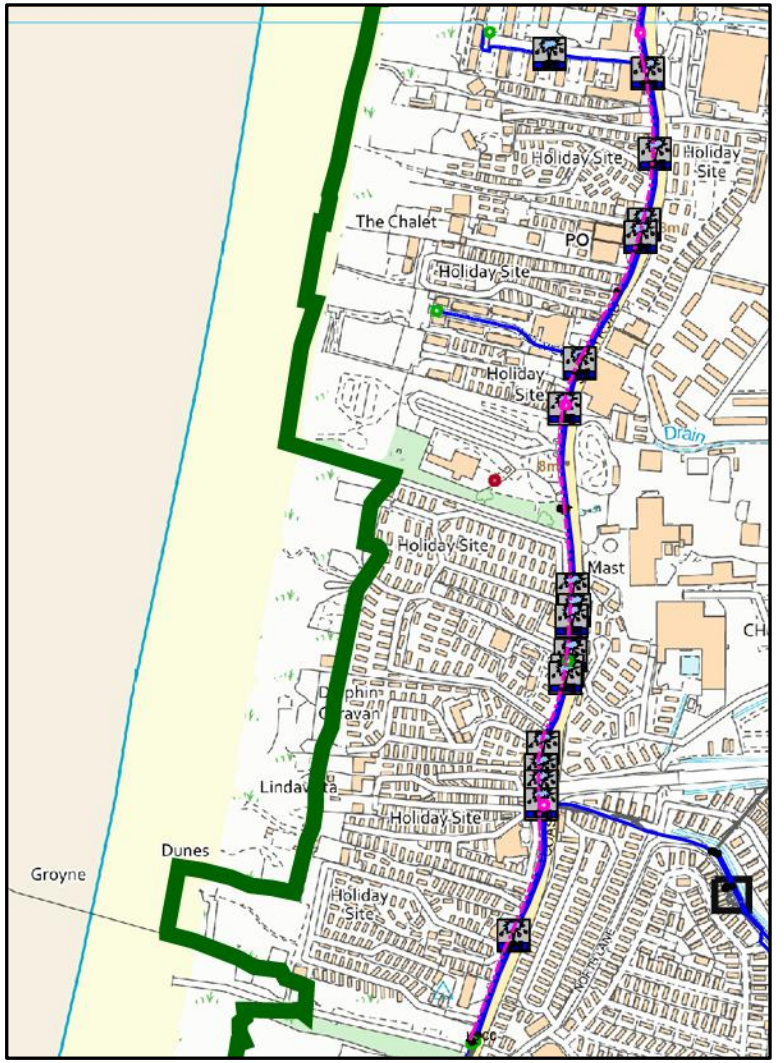
Stakeholder engagement | 8 October 2026

BRISTOL WATER

Sustainable, Collaborative Engineering

Scheme overview

- Why are we required to do this work?
  - The existing 4" AC main has had 15 known bursts along the purposed route of renovation to date. With an increasing aging asset this is likely to increase over the coming years.
  - Sections of the existing 4” AC main are located under a wall, this creates a health and safety risk and the main will need to be relocated.
  - Each time the main bursts there is emergency closures and road works required to carry out repairs causing significant disruption to the surrounding areas.
  - After receiving feedback from councils, businesses and the local community. Bristol Water have reviewed the full length that was due to be replaced and reprioritised to ensure that the key sections of the water mains are replaced with minimising disruption to the surrounding area.



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DELIVERY APPROACH

Plan of action

Approximately

520 m

of 4-inch AC main to be replaced with a new water main.

PHASED DELIVERY

Works completed in two stages through the permit period

ROLLING CLOSURE

Two work sections managed through a rolling road closure

PLANNED WINDOW

Submitted permit - November 2026 to March 2027

New proposal – November 2026 to February 2027



Scheme constraints

- Coast Road, South Road and Church Road are main roads that are used by a high volume of traffic, businesses and residents, highlighting the severity of the disruption that this will cause.
- Proposed scheme dates have been discussed with the council and selected to minimise disruption in school holidays and carnival season.
- 6 day week working is proposed to minimise the works duration.
- Reasons for road closure:
  - Due to the size and number of excavations that are required to install a new water main and customer service pipes, we will need to install a road closure to maintain health and safety for our works and the surrounding public.
  - The tidal level affects the ground water levels meaning that pumping equipment will be required for the duration of the works which will be setup in the road closure.
  - Complex ground conditions including running sands increase the risks associated with loading on the side of the excavations. Available road width makes offset to passing traffic unachievable.

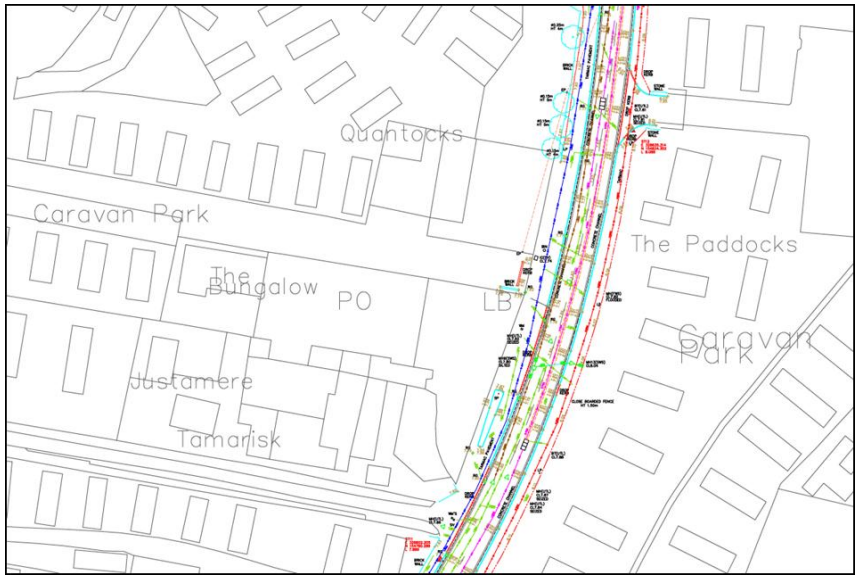
Installation method

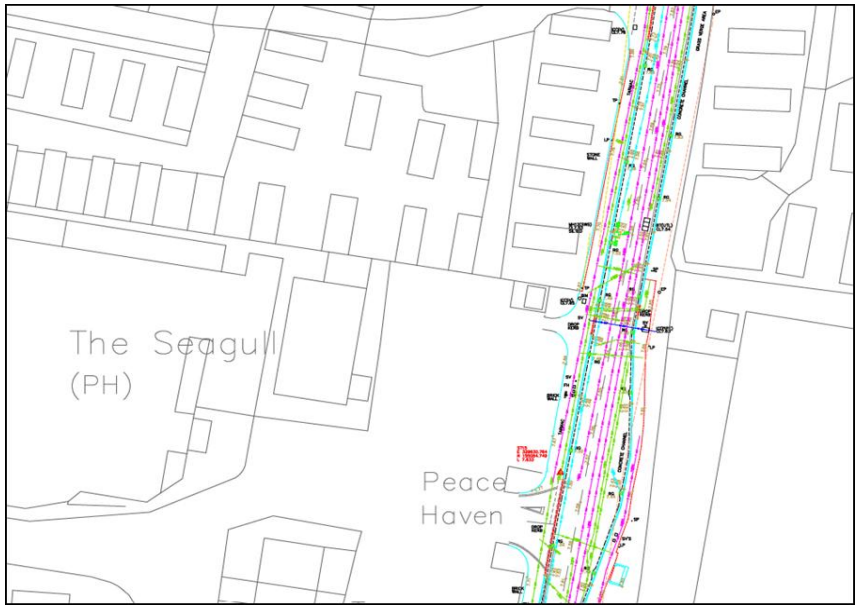
How are we planning to install the new water main?

Due to the constraints mentioned previously, we will be installing the new water main by open cutting a new trench. NPEN (Network Plus Envolve) have reviewed other installation options, such as pipebursting and directional drilling. Unfortunately, these are unachievable due to risk to other assets and ground conditions.

OFFLINE REPLACEMENT

The new main will be installed alongside the existing network, This is a benefit to the surrounding customers in the area as we will be reducing the number of times that we will need to interrupt supply.





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KEEPING PEOPLE MOVING

Traffic and access management

PHASED ROAD CLOSURE

Planned between November 2026 and March 2027.

WORKING PATTERN

Monday to Saturday working proposed.

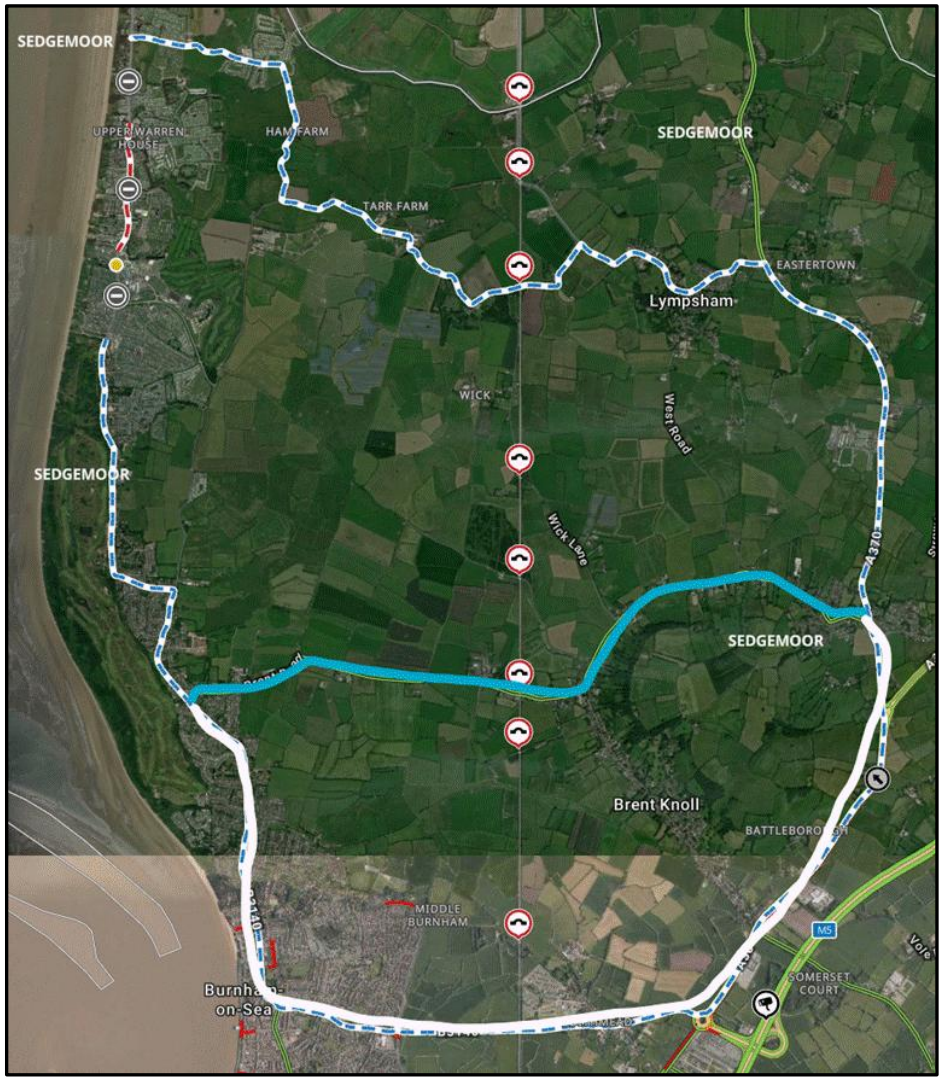
DIVERSION

Diversion route planned to be HGV compliant.

BUS SERVICES

Temporary stop arrangements to be confirmed with operators.

Bus Stops - Leisure park x 2 N and S



Community support and communication

Stakeholder Communication Strategy Support

- Proposed Drop in sessions will be held on a frequency agreed in a local cafe or library, to enable people to come along in person to discuss the project or their concerns.
- Leaflet drop prior to works commencing.
- Project banners with information about the project works and what the benefits of the work will be. Council to agree where these will be sited. Individual banners info boards will be on each site as it moves.
- Weekly email update to Councils and interested parties. We will capture emails with sign up forms from the engagement meeting. Customer Liaison Officer contact details will be on the information boards
- Parish Council aware of scheme and representatives from Bristol Water/Network Plus Envolve will attend meetings as required.
- Community Engagement session planned for 20th October plus additional evening for businesses/residents.
- Dedicated BW web page to be produced to show scheme program and progress.

Emergency Access Planning

- Emergency access arrangements will be in place including procedures for emergency vehicles and providing advance notification where practicable.

Temporary Assistance & Mitigation Measures

- Meeting planned next week with Somerset CC regarding public and school buses

Caravan arrivals and deliveries

- Access to properties will be maintained wherever possible and liaison with caravan parks and delivery companies will be ongoing throughout the duration of the project

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WHO TO SPEAK TO

Contact details

NETWORK PLUS ENVOLVE

Email: claire.may@envolve-infrastructure.co.uk
Number: 07816 171192

BRISTOL WATER CUSTOMER SERVICES

Email: customer.services@bristolwater.co.uk
.Number: 0345 702 3797

SOUTH WEST WATER ESTATES TEAM

Loss of profit claims
Email: EstatesContacts@southwestwater.co.uk

SOMERSET COUNCIL STREETWORKS

Email: Streetworks@somerset.gov.uk
Number: 0800 912 2999

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Any questions?

Coast Road, Brean stakeholder engagement

BRISTOL WATER