

Leakage Reduction Programme

December 2018

Irish Water, working in partnership with Cork City Council, is continuing to replace problematic cast iron water mains in Cork City to improve security of supply and reduce leakage.

Irish Water is investing €500 million over the next four years to reduce leakage and remove old pipes from the public water network. The benefits of this programme are:



Replacing old pipes to reduce drinking water lost by leakage



Reducing disruption from bursts, leaks and outages in the network



Improving water pressure & quality



Delivering savings on operation and maintenance of the network

1. What is involved in this project?

The water mains replacement works will involve the decommissioning and replacement of over 3.6 kilometres of problematic aging cast iron water mains. The works will also involve laying new water service connections from the public water main in the road to customers' property boundaries and connecting it to the customers' water supply. Where the existing service connections on the public side are lead these will be replaced as part of this improvement work.

These critical upgrades are being carried out prior to the next phase of urban renewal works under the Cork City Centre Movement Strategy. The locations to benefit from these mains improvement works in Cork City are:

MacCurtain Street	Hardwick Street	Camden Place
Harley Street	Devonshire Street	York Street
Pine Street	St. Patrick's Hill	Little William Street
Leitrim Street	Carrol's Quay	Woods Place
Coburg Street	St. Patrick's Quay	Bridge Street

The existing pipes will be replaced with new modern high density polyethylene (plastic) pipes. The main construction works will be carried out in sequentially in order to minimise any disruption to businesses and residents in the areas. The works are scheduled to be undertaken as follows:

1) South side of MacCurtain Street (including Harley Street) (estimated start beginning of January 2019 to end March 2019)

2) North side of MacCurtain Street (estimated start March 2019 to end May 2019)

Works on all remaining streets will be carried out sequentially from February 2019 to September 2019.

These works will be carried out by Coffey Northumbrian Ltd. in partnership with Cork City Council on behalf of Irish Water. The above timetable of works is pending ongoing granting of Road Opening Licences from Cork City Council and may be subject to change.

2. What are the benefits of the works?

The benefits of these water mains replacement works in Cork City include:

- **A reliable water supply** – replacing the ageing water mains and service connections will reduce the instances of bursts and water outages and will ensure a reliable supply of water to customers and local businesses in the area.
- **Reduced leaks** – replacing the old water mains and service connections will eliminate existing leaks and reduce the amount of clean drinking water lost into the ground.
- **Improved water quality** – removing existing old cast iron from the public water network and replacing them with new plastic pipes will reduce the risk of contamination.
- **Improved operation and maintenance** – these works will deliver cost savings by providing improved water network operation that will require less maintenance in the future.

3. Will customers be affected by the works?

When construction is underway areas of work will be limited to short sections to minimise impact on the community. The works may involve some short-term water shut offs and the project team will ensure that customers are given a minimum of 48 hours notice prior to any planned water shut offs.

Traffic management will be in place for the duration of the works. Local and emergency traffic will be maintained at all times. We understand that this type of work can be inconvenient and works crews will make every effort to minimise any disruption these necessary works cause.

4. Further information

Residents and businesses in the areas to benefit from the planned improvements will be notified and customers can phone Irish Water on Callsave **1850 278 278** if they have any questions about the project.

Irish Water regret any inconvenience these essential works cause. Details of work in the area will be updated regularly on the Water Supply Updates section of the Irish Water website at <https://www.water.ie/water-supply/supply-and-service-update/>

Further information on Irish Water's Leakage Reduction Programme is also available on the Irish Water website www.water.ie