

COTTINGHAM CORBY WATER MAIN REPLACEMENT SCHEME

In order to improve the security of the water supply to Cottingham, we need to replace the cast iron water mains which are at the end of their useful life.

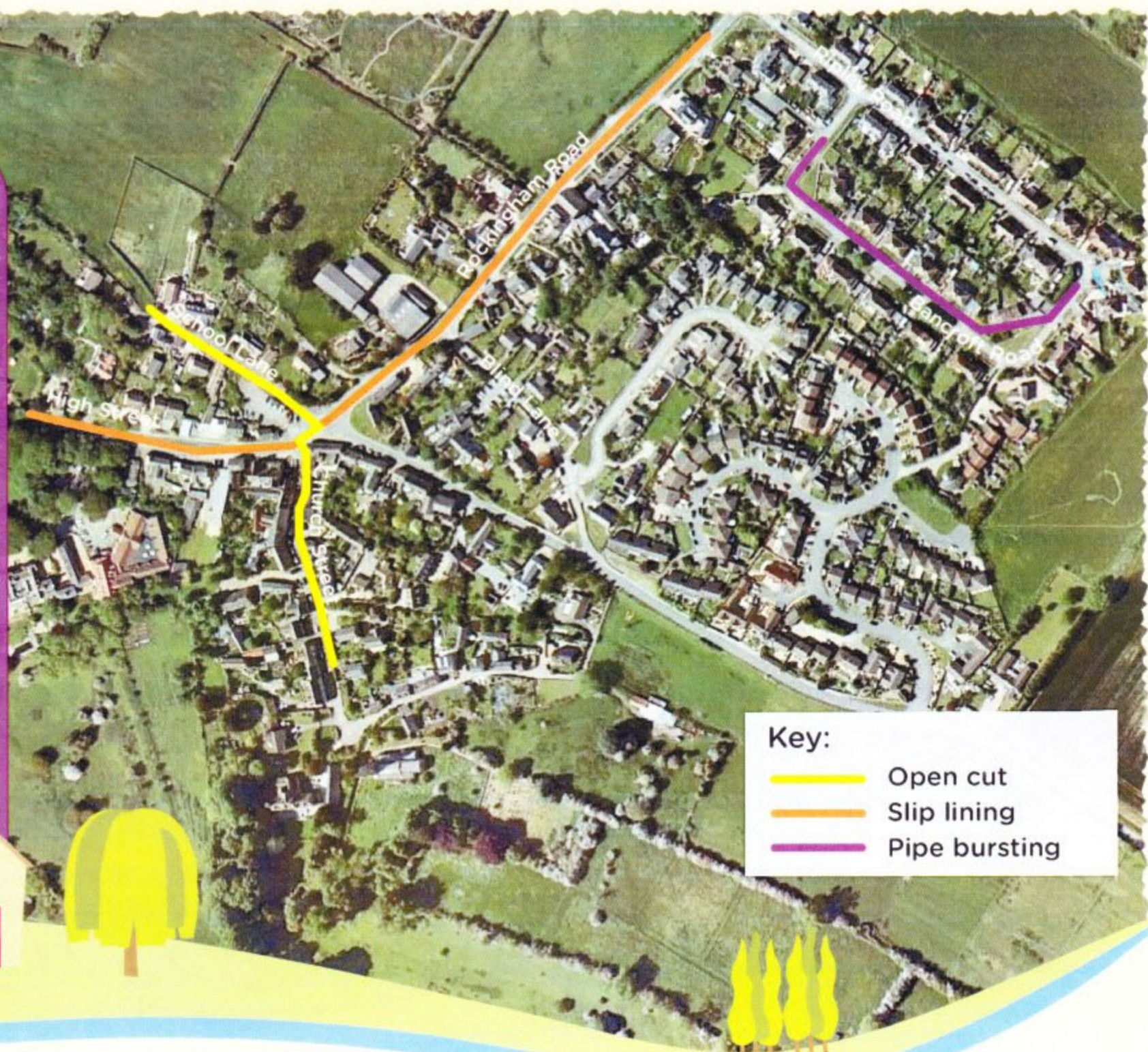
This water main replacement project will see us invest £300,000 to replace 1km of cast iron pipe to help prevent future bursts in the area.

We know that there have been several bursts in recent years causing low pressures and supply interruptions to a large number of properties. This vital investment will significantly reduce the risk of future interruptions.

START DATE:
4TH JANUARY 2018

COMPLETION DATE:
APRIL 2018

The map to the right displays the new pipe lines to be laid.



Key:
— Open cut
— Slip lining
— Pipe bursting

COTTINGHAM CORBY WATER MAIN REPLACEMENT SCHEME

TRAFFIC MANAGEMENT

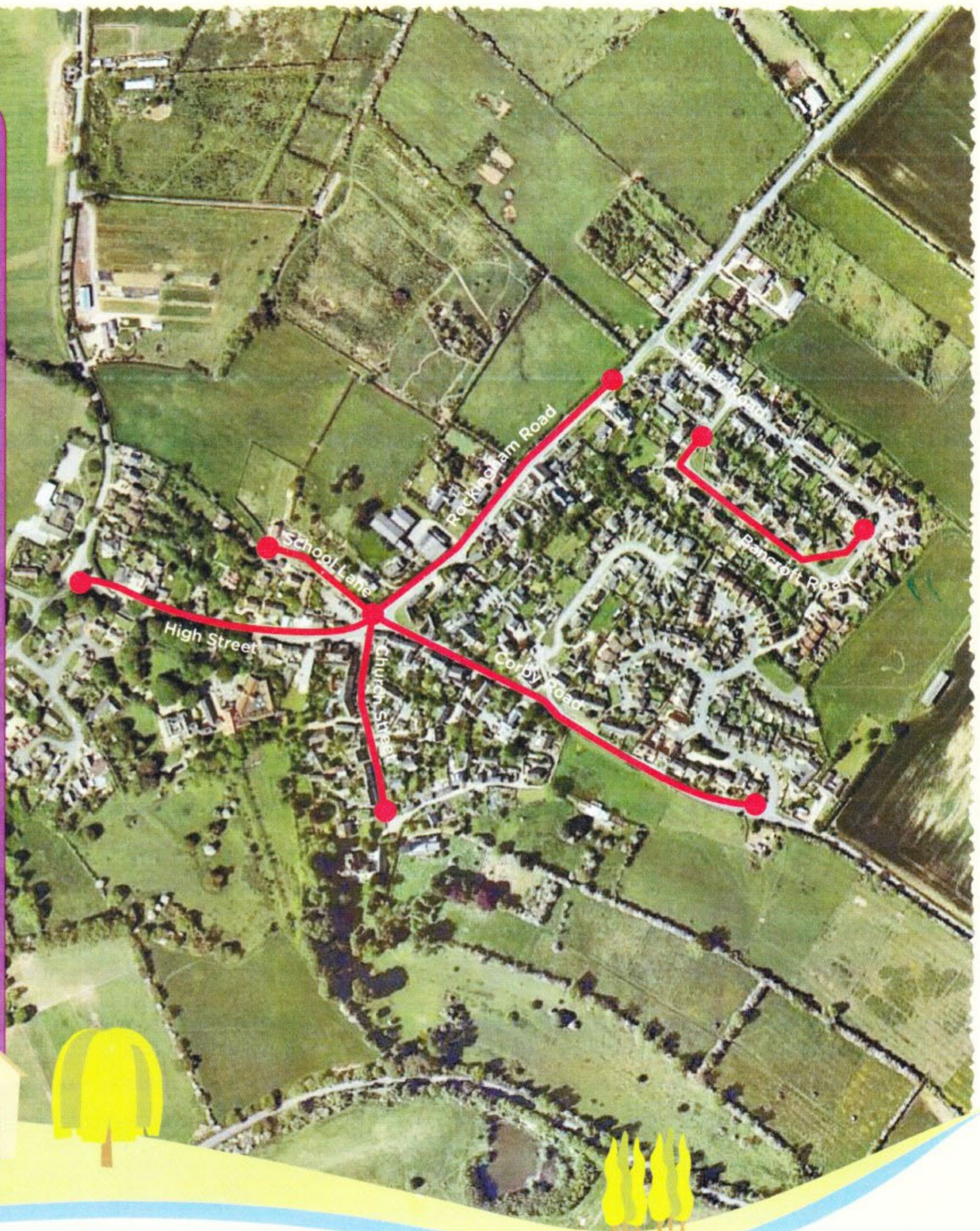
Rockingham Road and High Street
2/3 way lights from 2nd January for approximately 5 weeks

Junction of Rockingham Road and Corby Road
3 way lights for approximately 1 week

Church Street
Give and take for approximately 2 weeks

School Lane
Give and take from 19th February for approximately 1 week

Bancroft Road
Give and take from 26th February for approximately 1 week



OPEN CUT

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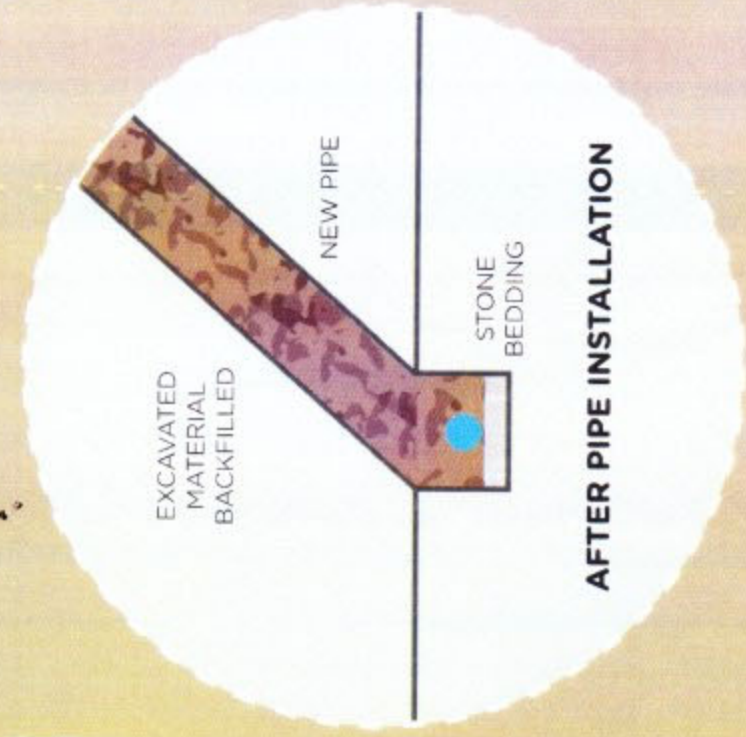
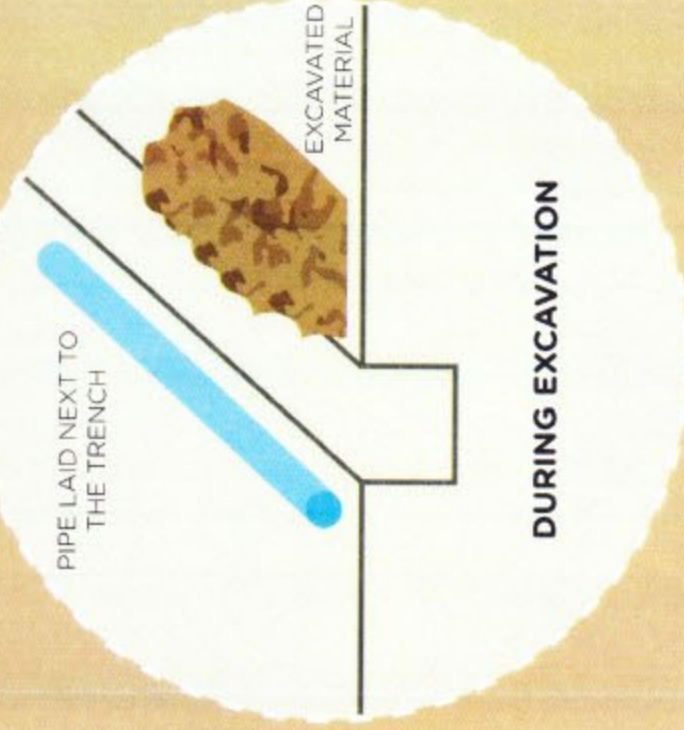
EXCAVATOR

EXISTING WATER MAIN

PROPOSED NEW ROUTE

THE PROCESS

Excavate the trench placing material to one side
Place stone bedding in the trench if required
Pull the pipe into the trench from one end or lay it next to the trench and place it in
Bypass domestic water supply pipes if required
Connect new pipe to existing network pipes
Connect domestic water supply pipes to new pipe
Backfill trench and reinstate surfacing



Minimising the amount we need to dig to install new pipes reduces our carbon footprint which is good for the environment as well as reducing disruption to our customers and road users.

SPLITLINING

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THE PROCESS

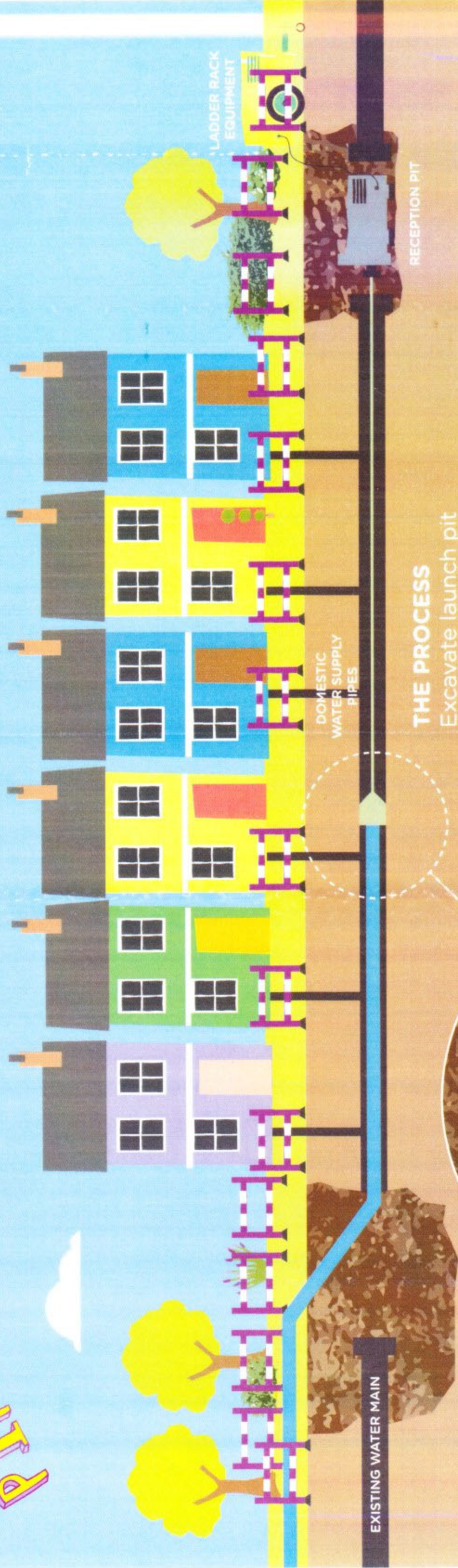
- Excavate launch pit
- Excavate reception pit
- Bypass domestic water supply pipes
- Connect cable to new pipe
- Pull new pipe through existing pipe
- New pipe fits inside
- Reconnect domestic water supply pipes
- Backfill excavations



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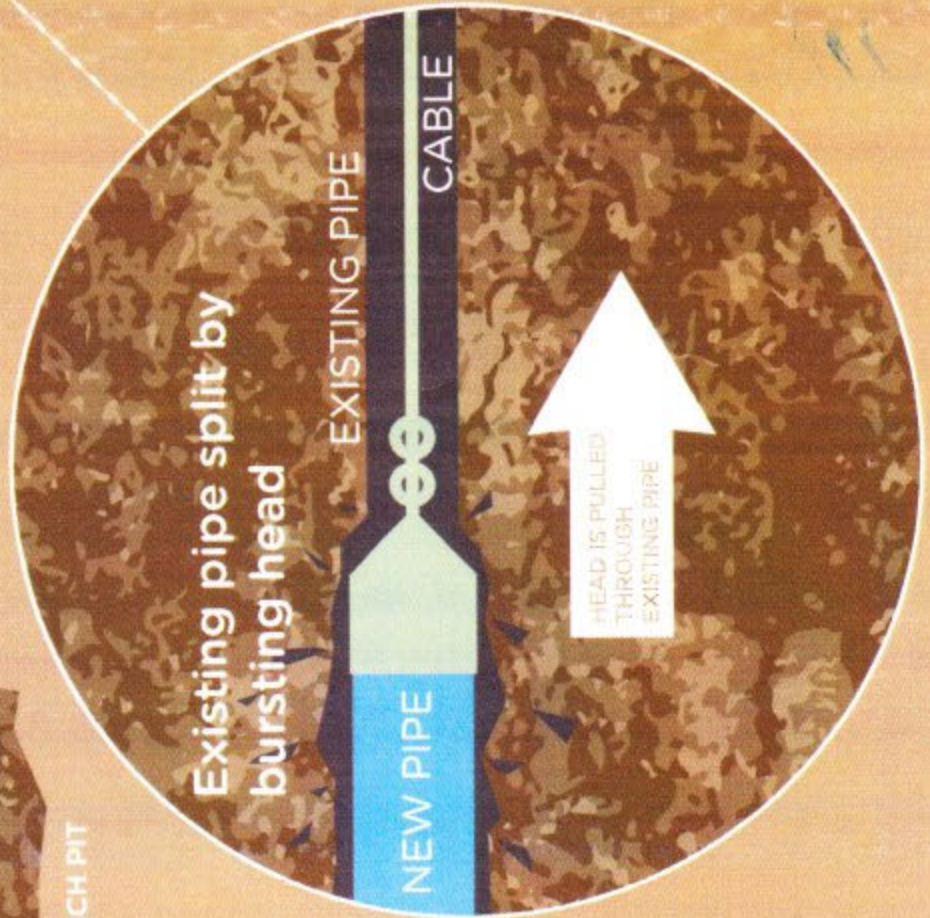
PIPE BURSTING

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THE PROCESS

- Excavate launch pit
- Excavate reception pit
- Bypass domestic water supply pipes
- Fit new pipe into bursting head
- Connect bursting cable to bursting head
- Pull new pipe through existing pipe
- Old pipe splits open
- New pipe fits inside
- Reconnect domestic water supply pipes
- Backfill excavations



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