



Easy
Read

Teddington Direct River Abstraction

What we are planning to do



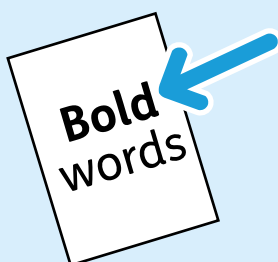
Easy Read



This is an Easy Read version of some information. It may not include all of the information but it will tell you about the important parts.



This Easy Read booklet uses easier words and pictures. Some people may still want help to read it.



Some words are in **bold** - this means the writing is thicker and darker. These are important words in the booklet.



Sometimes if a bold word is hard to understand, we will explain what it means.



[Blue and underlined](#) words show links to websites and email addresses. You can click on these links on a computer.

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About this booklet



We are Thames Water. We provide water for most people in London and the South East of England.



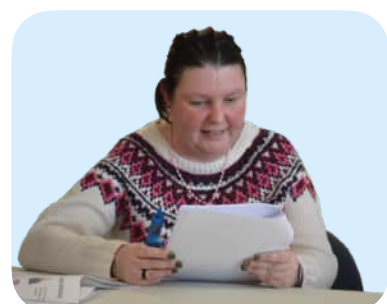
We are working on projects to get more water for London and the South East.



This booklet is about one of these projects, called the **Teddington Direct River Abstraction**.



We want to know what you think about our plans for this project.



Please read this booklet to find out more about our plans.

Why we need to do this



Summers are getting longer and hotter. This means there is less rain.



Plants and animals need water too, and we need to make sure they get enough.



If we don't make plans now to have more water, there won't be enough in the future.

What the project will do



The Teddington Direct River Abstraction will work at times when there is not enough water.

These times are called **droughts**.

It will:



- Take some water from the River Thames at Teddington.



- Send it through a tunnel to the Lee Valley, in North East London.



This will mean that there is more water for people in London to use.



Mogden Sewage Treatment Works is a place that cleans water that people have already used.

We will build new buildings at Mogden to make some water even cleaner.

This is called **recycled water**.



We will send this water to the River Thames. This will replace the water we have taken out.

**75 million
litres**

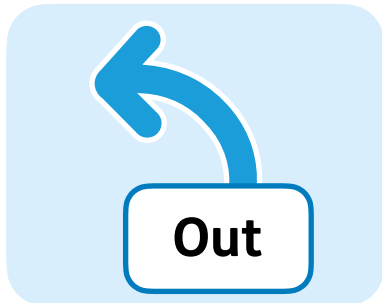
This could be up to 75 million litres of water a day.



This will mean there is still enough water in the River Thames for local plants and animals.

How the project will work

The intake



When we take water out of the River Thames at Teddington, we will do it through something called an **intake**.



The **intake** will sit at the side of the river. Water from the intake will flow into a pipe.

The intake will look something like this:





The intake will not take any water unless there is a drought.



It will have a filter like a sieve that lets water in but helps keep fish in the river.



There might be fences and cameras around the intake to make sure nobody damages it.



We will look at adding benches and trees in the area, to make it look nice.



Our staff will check the intake to make sure it is working properly.

Cleaning used water



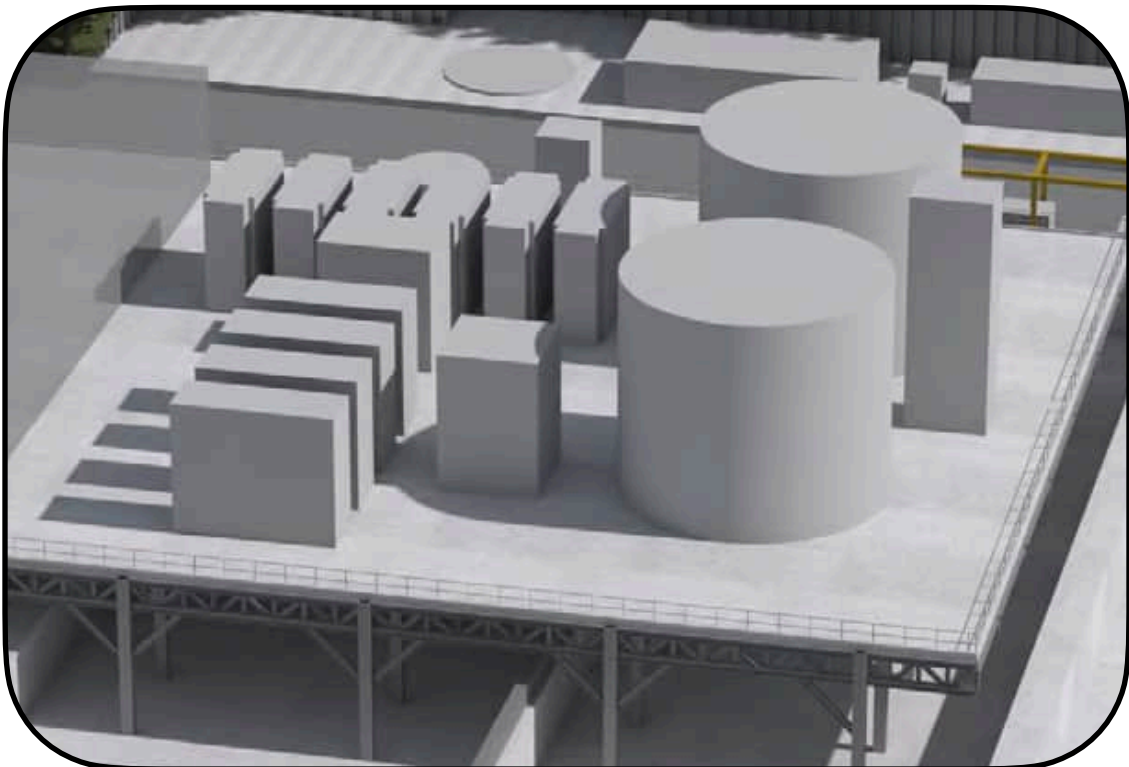
We will replace the water in the river by adding water from a nearby place called **Mogden Sewage Treatment Works**.

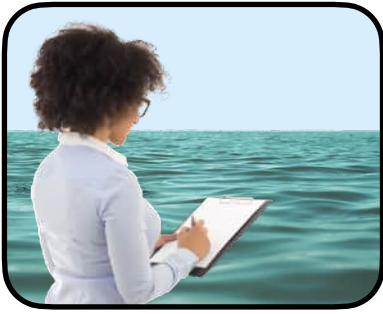


We will clean the water before we add it to the river.

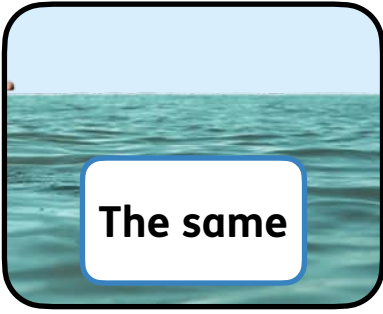


We will need to build new buildings to clean the water. These buildings will be called a **Tertiary Treatment Plant**. They will look something like this:





We will check that the water is clean enough before we add it to the river.

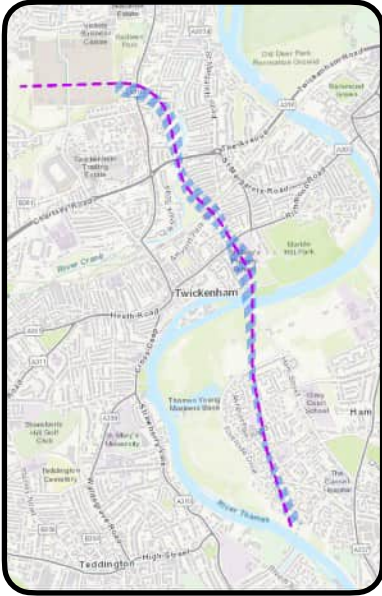


We will put the same amount of water into the river as we take out.



Our project will never add dirty water to the River Thames.

The tunnel



We will need to build a tunnel to take recycled water from Mogden to the River Thames.

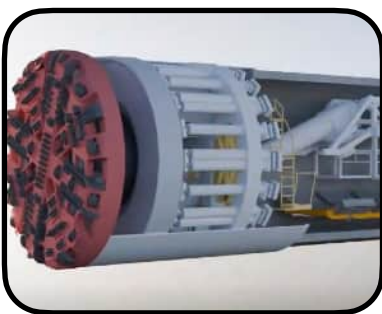
The tunnel will be 4.2km long and go underground.



We will build a place in Ham Playing Fields where our staff can check and fix the tunnel.



We have made some changes to our plan for the tunnel since 2023.



We will use a special machine called a **Tunnel Boring Machine** to build the tunnel.

The outfall



We will use something called an **outfall** to put water into the river.

We have 2 ideas for how to do this:



- Building it right next to the river – this is called **bankside**.



- Building it underwater – this is called **near-bank in-river**.



We talked to people about the bankside idea in 2023, but some experts were worried about it.



So, we are also thinking about the near-bank in-river outfall.



The near-bank in-river outfall would put the water back into the river using pipes under the water.



You would be able to see the bankside outfall on the side of the river.



The near-bank in-river outfall would have posts around it to stop people getting too close.



We will check the outfall to make sure it is working properly.

Our principles



Our **principles** are the ideas that are most important when we work on this project.

Our principles are to:



- Make sure that the public and our staff are safe and well.



- Work in a way that is good for the environment.



- Listen to many different people when we work on the project.

Our principles are also to:



- Work with local projects to make the local area better.



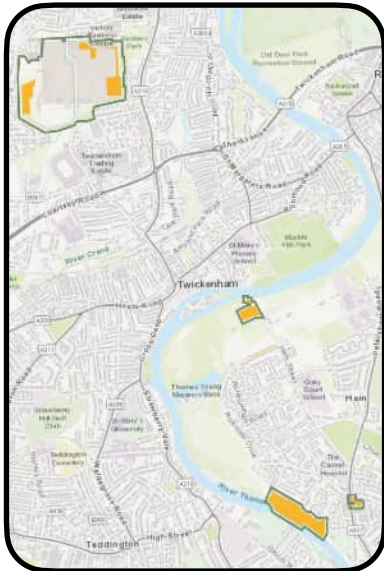
- Make sure that our project fits in with the local area.

Building the project



This part of the information is about how we plan to build the project.

There are four places where we would do the building work:



- Mogden Sewage Treatment Works site.
- Ham Playing Fields site.
- Burnell Avenue site.
- Tudor Drive site.



We would use these four places to build the project, including the Tertiary Treatment Plant, the intake and the outfall.



We would also use these four places to build things under the ground, like tunnels and pipes to connect everything.



Each place above the ground would need big machines, buildings for workers, and places to keep things.



All the places would have fences and lights to make sure that they are safe.



We would use big lorries to take away the earth that we've dug out of the ground and to move other things around.



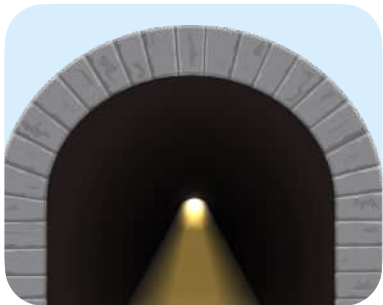
If everything goes well, we should start building work in 2029.

The project will start running in 2033.

Building the recycled water tunnel



We would build a tunnel from Mogden to Teddington.



The tunnel would be very deep underground.



It is very unlikely that the tunnel would affect buildings above it.



We will check the ground before and after building the tunnel, to make sure there are no problems.

Mogden



We would need to do a lot of work at Mogden Sewage Treatment Works.



We will build the recycled water tunnel from Mogden.



There will be up to 100 extra people working on our project.



We will make sure that Mogden can keep working on cleaning water.

Ham Playing Fields



We will need to build a hole to the tunnel at Ham Playing Fields.



This is so we can safely check on the tunnel.



We will try and affect the playing fields as little as possible.



We think that there would be up to 30 people working there.



After we finish, we will put things back to how they were, as much as we can.

This includes planting trees and adding covers to the holes to the tunnel that we made.

Burnell Avenue



We will need to work at Burnell Avenue, to connect the recycled water tunnel to the river.



While we are working, we will need to change some paths that go next to the river.



We will put the paths back by the river when we are finished.



We think that there will be up to 90 people working here.

Tudor Drive



There is already a tunnel that carries water from the River Thames to Lee Valley. This is called **the Thames Lee Tunnel**.



We will join our intake to the Thames Lee Tunnel with a new pipe.



We are looking at 2 ways we can join our intake to the Thames Lee Tunnel.

Both ways need work at Tudor Drive.



The first way is a short underground pipe near Burnell Avenue.



The second way is a longer pipe from Burnell Avenue to Tudor Drive.



The second way means more work at Tudor Drive.

Making the local area better



This project will be good for London and the South East.



But we also want to make the local area better too.



We are going to work to:

- Help animals and plants in the area.



- Make extra jobs for local people



- Help young people learn about the project.

The environment



The **environment** is the plants, trees, water, air and wildlife that live in the area.



We want to make sure that our work does not have a bad effect on the environment.



We will check and try to stop the bad effects of what we want to do.



We do not think that our work will affect the water in the river or make floods more likely.

We also do not think that our work will have a bad effect on:



- The insects, plants or fish that live in the river.



- Plants and animals that live on the land.



- Important places with a lot of history near the river.



- The soil near the river.



- The air around the project.



We also do not think that our work will make **climate change** worse.

Climate change is all about big changes in the weather, like summers getting hotter and storms getting worse.

We think that while we are building the project, there may be an effect on:



- Noise in the local area.



- Traffic.



- Green spaces in the local area.



We think these effects will stop once we have finished the work.



The project could have an effect on how some parts of the local area look.



So we are working on a plan to help make the project fit in with the local area.

People who own land



If you own land near the project, we may need to use some of your land.



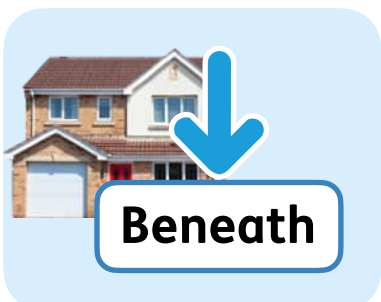
We will need to keep some land forever to make our intake, outfall, tunnels and pipes.



We have sent letters to people who might be affected by this.



If we have sent you a letter, it does not mean we need to buy your home.



It might mean we need to buy some of the land deep underneath your home.



We will try to agree on buying the land with you.



We do not think our project will have any big effects on house prices.



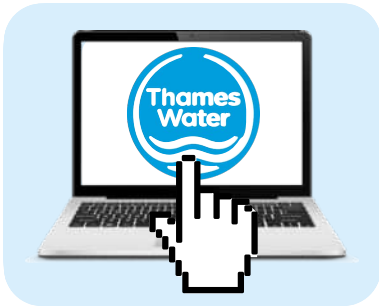
If you are worried about this, you can talk to a member of our Land and Property team.

Have your say



We want to know what you think about this project.

There are a lot of ways for you to get involved:



- Fill in the online form on our website: www.thames-sro.co.uk/tdra/statcon2025



- Email us at: TDRA@ipsos.com



- Fill in a paper form and post it to us.

The address to send it to is:
FREEPOST TDRA CONSULTATION.

You do not need to put a stamp on the envelope.



You need to send us your feedback by midnight on Tuesday 26 August 2025.



You can look at all of the information on our website: www.thames-sro.co.uk/tdra/statcon2025



If you want copies on paper, or in another language, contact us by:

- Email: info.TDRA@thameswater.co.uk
- Phone: 0800 124 4877

Events



We are having some events where you can:

- Learn more about the project.
- Ask questions.



You can tell us that you want to come to these events by going to this website:
www.thames-sro.co.uk/tdra/statcon2025

The events are on these days:



- Isleworth Public Hall, South Street, Isleworth, TW7 7BG, on Wednesday 25 June 2025, from 2pm to 8pm.



- Oaklands School, Gresham Road, Hounslow, TW3 4BX, on Saturday 28 June 2025, from 10am to 4pm.

There are also events on these days:



- Allianz Stadium (in the Captain's Club room), 200 Whitton Road, Twickenham, TW2 7BA, on Monday 30 June 2025, from 2pm to 8pm.



- Doubletree Hilton Hotel (in the Sopwith Suite), 1 Skerne Road, Kingston upon Thames, KT2 5FJ, on Thursday 3 July 2025, from 2pm to 8pm.



- York House (in the Clarendon Hall), Hall Road, Twickenham, TW1 3DT, on Monday 7 July 2025, from 2pm to 8pm.



- St Richard's Church, Ashburnham Road, Ham, TW10 7NL, on Saturday 12 July 2025, from 10am to 4pm.

There are also events on these days:



- The Lensbury (in the Wimbledon Room), Broom Road, Teddington, TW11 9NU, on Thursday 17 July 2025, from 2pm to 8pm.



- Kingston Academy, Richmond Road, Kingston upon Thames, KT2 5PE, on Saturday 19 July 2025, from 10am to 4pm.

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