

# DRAFT WATER RESOURCES MANAGEMENT PLAN

Customer Quick Guide

**RHAGOROL O'R TAP  
WONDERFUL ON TAP**



severn dee



We provide clean drinking water and take away waste water from 100,000 homes and businesses. Every day we supply almost 61 million litres of clean drinking water; that's about the same as you'd use for 20 thousand baths.

We take water (we call this 'abstraction') from sources in north and mid Wales; approximately two thirds of our water comes from the river Dee and the remaining third from boreholes, streams and reservoirs.

We treat this 'raw' water at one of our five water treatment works before using our 3,000 km network of pipes, 100 pumping stations and 85 clean water storage reservoirs to get it to your homes and businesses.

Like all water companies, we need to plan for the future. Our draft Water Resources Management Plan (WRMP) looks at how our water system works now, and the investments and activities we'll need to meet the challenges of the next few decades. This is our 2nd WRMP, and we'll continue to review it in the years to come.

This is, however, the first time we have worked with other companies and sectors to consider the wider impacts in the Water Resources West draft regional plan.

We have sufficient water resources over the long term to meet your water needs, but we know we need to do more to reduce leakage and help everyone use less.









# WHAT ARE THE MAIN THINGS WE NEED OUR WATER SYSTEM TO DO?

Help improve our local environment.

Deliver our promise to reduce leakage by 50% by 2050.

Remain able to cope with more extreme drought conditions (a 1 in 500 year event) as climate change impacts us all.

# WHAT IS GOING TO AFFECT OUR WATER SYSTEM IN THE FUTURE?

Climate Change, population growth, and protecting and improving the environment are the main factors that impact on supply and demand.

- By 2050, we expect that summers in our region will be on average 1.1°C warmer than today with 15% less rainfall. This means hotter, drier summers when demand for water is highest.  
  
Winters are likely to be wetter, but with more extreme heavy rainfall events. This increases the risk of flooding, but also changes the quality of the raw water we abstract.  
  
In line with Welsh Government Guidance we have used a higher climate change impact of 4°C warming when developing our plans.
- The population we serve will remain fairly stable.
- Improving the environment in the areas where we abstract water is a priority for us all.

## If we did nothing.

- We would still have sufficient water to meet your needs, but we know we need to take less water from the environment to help improve the biodiversity in our region. This means we need to concentrate on measures that will reduce the overall demand for water.



# WHAT DO WE PLAN TO DO OVER THE NEXT 25 YEARS AND BEYOND?

We are currently planning how our water system will look and operate in 2050. We have some work to do to make sure our network remains resilient, but the main focus of our draft WRMP between now and 2050 is to:

Reduce leakage by 50% - using 6 million litres less per day by 2050.

Deliver environmental improvements at Lake Vyrnwy and across our operational sites.

Help customers use water more efficiently – using 3 million litres less per day by 2050.

To do all this we need to invest an average of £1 million per year, primarily for our leakage reduction programme.

We need your help too. We all use water in different ways, and taking action to use every drop wisely will help to make sure there is enough to go around for generations to come.



## LISTENING TO YOU

It's important that you get the chance to have your say on our plans. We've already spoken to many of you to understand what you think about the long-term challenges we face. But we welcome further views.

This is a quick summary of what we're doing and why, but you can see more detail in our full draft WRMP at – [www.hdcymru.co.uk](http://www.hdcymru.co.uk)

You can tell us what you think by emailing [water@gov.wales](mailto:water@gov.wales) who will collate and share all feedback. You can give us feedback for three months from the date that we publish this document.

We'll review all feedback to refine our priorities and pace. We'll then publish our final WRMP in autumn 2023, shortly followed by our PR24 business plan submission.

You can see the draft Regional Water Resources Management Plan for Water Resources West (WRW) on the WRW website [here](#).

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