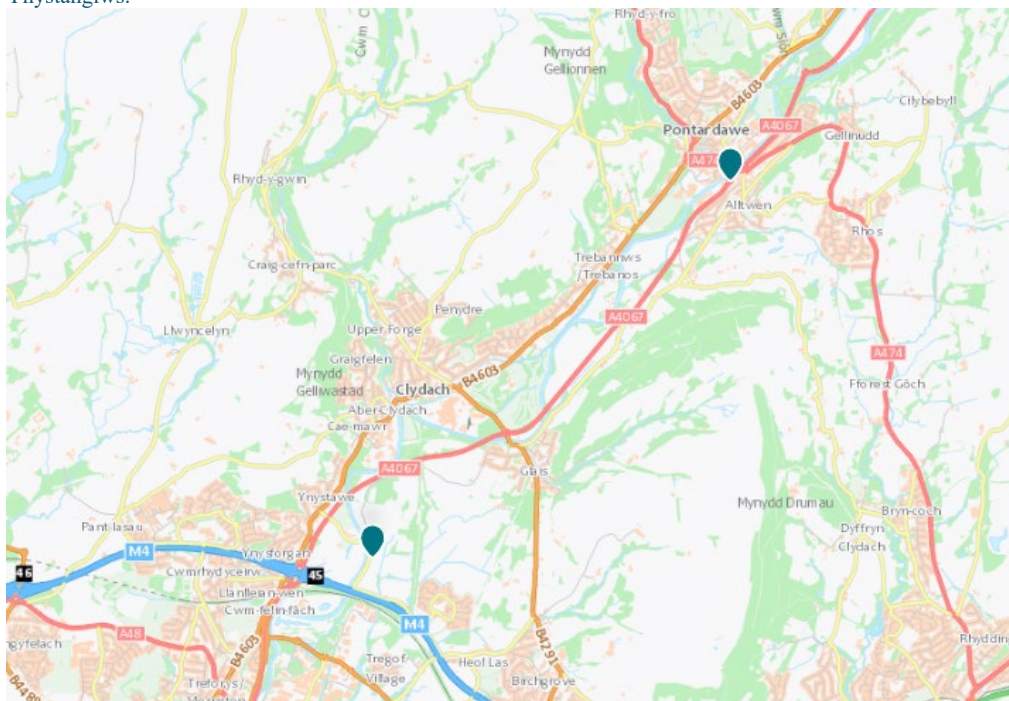


From: [Barbara Modrzejewska-Baudin](#)
To: [Williams, Huw \(MS\)](#)
Cc: [Owain Morgan \(X\)](#)
Subject: RE: Trebanos WWTW - Outfall Scheme
Date: 19 April 2024 10:27:23
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

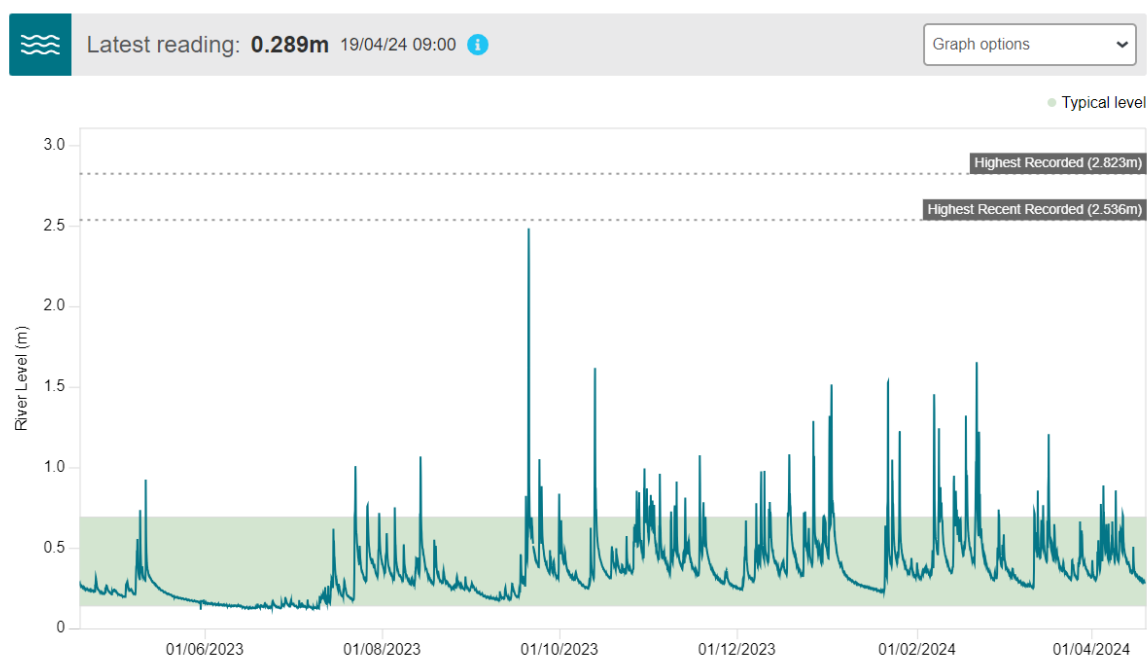
Huw,

I had a look at NRW gauging stations on river Tawe – there are two in vicinity of Trebanos: Upper Clydach in Pontardawe and Ynystanglws:

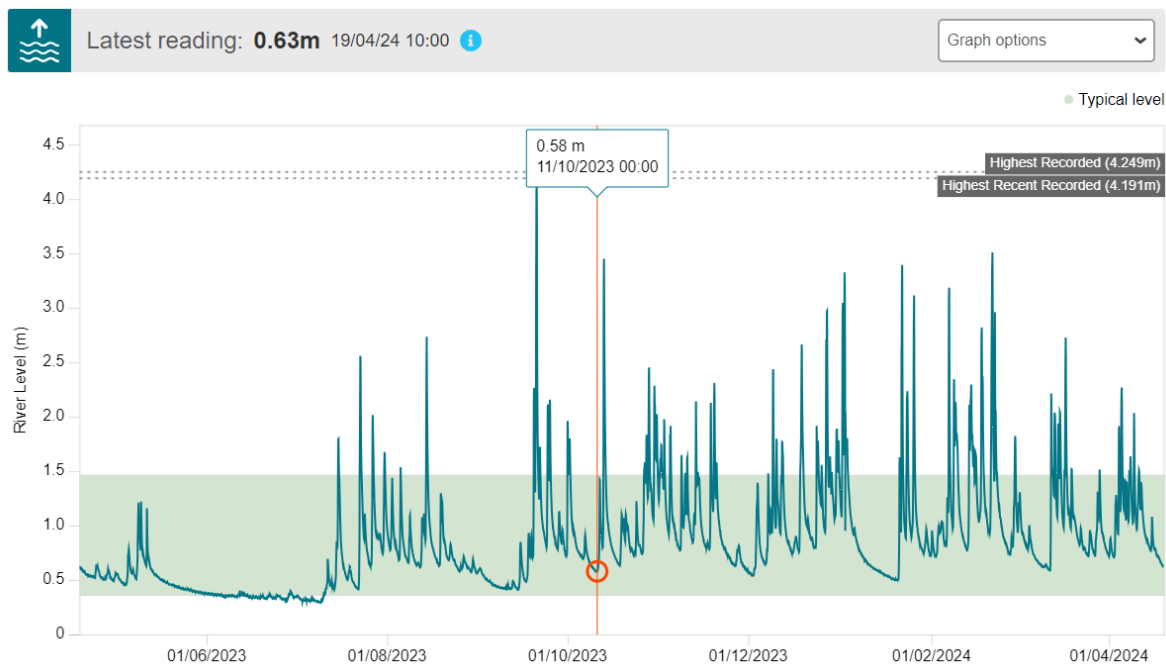


<https://rivers-and-seas.naturalresources.wales/>

Below is the graph from Pontardawe showing last 12 months, recent highest level, highest recorded and typical level (green), some 0.75m:



Here is equivalent data for Ynystanglws:



I hope that helps.

Barbara

Barbara Modrzejewska-Baudin
Associate | West Energy, Water and Resources
t: +44 29 2026 6588 m: 073 9208 2397

From: Barbara Modrzejewska-Baudin
Sent: Friday, April 19, 2024 10:12 AM
To: Williams, Huw (MS) <Huw.Williams@morgansindall.com>
Cc: Owain Morgan (X) <Owain-X.Morgan@arup.com>
Subject: RE: Trebanos WwTW - Outfall Scheme [Filed 19 Apr 2024 10:12]

Morning Huw,

We have some river information, but not that detailed. The river is not tidal here.
I am attaching historic Aqua report showing flooding assessment for Trebanos for your information.

Our FCA modelling has confirmed the flood levels based on NRW model:

Flood event	Max. water level (mAOD)
100 year	23.72
1000 year	24.09

I do not have to hand the “average” flows and levels though. I will ask Charlotte if she can extract them from the river model.

Kind regards,

Barbara

Barbara Modrzejewska-Baudin
Associate | West Energy, Water and Resources
t: +44 29 2026 6588 m: 073 9208 2397

From: Williams, Huw (MS) <Huw.Williams@morgansindall.com>
Sent: Friday, April 19, 2024 8:55 AM
To: Barbara Modrzejewska-Baudin <Barbara.Modrzejewska@arup.com>
Cc: Owain Morgan (X) <Owain-X.Morgan@arup.com>
Subject: Trebanos WwTW - Outfall Scheme

Morning Barbara,

I need to start looking at mitigation measures to prevent any silt run off etc to the River Tawe when we start our piling works. Please could you advise where I can get accurate information on the following:

- River Flow rates (range).
- River level range (usual range/high level etc).
- Any other relevant information such as river being tidal etc..

Once I have this information I can go to the supply chain and get some quotes for the mitigation works.

Kind Regards

Huw Williams
Site Agent
Welsh Water Capital Delivery Alliance
M 07973781524 huw.williams@morgansindall.com



TOGETHER WE ARE TRUSTED TO DELIVER EXCEPTIONAL OUTCOMES

	Monday	Tuesday	Wednesday	Thursday	Friday
A.M	Project Office/Site	Project Office/Site	Project Office/Site	Project Office/Site	Project Office/Site
P.M	Project Office/Site	Project Office/Site	Project Office/Site	Project Office/Site	Project Office/Site



+++++

This e-mail (including any attachments) is intended only for the recipient(s) named above. It may contain confidential or privileged information and should not be read, copied or otherwise used by any other person. If you are not a named recipient, please contact the sender and delete the e-mail from your system.

We have taken steps to ensure that this message (and any attachments or hyperlinks contained within it) is free from computer viruses and the like. However, in accordance with good computing practice the recipient is responsible for ensuring that it is actually virus free before opening it.

The following notice applies to emails originating in the UK.

Emails are sent on behalf of the relevant Morgan Sindall company below. Each company is registered in England and Wales each with its registered office at Kent House, 14-17 Market Place, London W1W 8AJ and number as shown: Morgan Sindall Group plc (0521970), Morgan Sindall Construction & Infrastructure Ltd. (04273754), Morgan Sindall Engineering Solutions Limited (04969901), Morgan Sindall Property Services Limited (4515196).

For further information on Morgan Sindall Group plc and its subsidiaries visit our website at www.morgansindall.com

+++++

Electronic mail messages entering and leaving Arup business systems are scanned for viruses and acceptability of content.