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Wales**

# Dwyran Flood Newsletter

## Mai 2018

Since the flooding in Dwyran last November, and with some residents still dealing with its damaging effects, Natural Resources Wales (NRW) has been working closely with Isle of Anglesey County Council to investigate the cause and explore measures to reduce flood risk in the future.

In November, the Afon Braint and Afon Rhyd y Valley were overwhelmed by persistent, heavy rainfall. This combined with surface water caused flooding with damaging results to properties.

We are looking at options to reduce flood risk - both in the short and longer term.

Short-term options are smaller and easier to put in place which will improve the situation while we develop longer-term solutions which will need detailed planning and funding.

### **What have we done so far?**

In the wake of the flooding, we inspected Afon Braint and Afon Rhyd y Valley. We removed a fallen tree from the Afon Braint to help ensure the river could flow unhindered.

We were pleased that 25 people came to our drop-in session held in partnership with Isle of Anglesey County Council at Ysgol Gymuned Dwyran on 19 February. Thank you for calling in and for your useful feedback, which helped inform the Isle of Anglesey County Councils' Flood Investigation Report, and is helping us devise solutions in partnership with the other agencies.

Work to maintain and clear possible blockages from Afon Rhyd y Valley will take place in August, after the bird nesting season. This was originally scheduled for earlier in the year but had to be postponed due to the extremely wet ground conditions. We will, of course, seek permission from landowners before any work is carried out.

### **Short and Longer-term Plans**

We have agreed with Isle of Anglesey County Council that equipment to provide direct early warning messages will be installed in the Afon Braint, both upstream of the village and on Pont Cadach.

This means that from September, properties at risk of flooding will have the option to receive automated telephone messages of potential high river levels so that action to protect their property can be taken.

We're also assessing if it is suitable to install similar equipment in the Afon Rhyd y Valley to provide a direct warning to residents within that river's catchment.

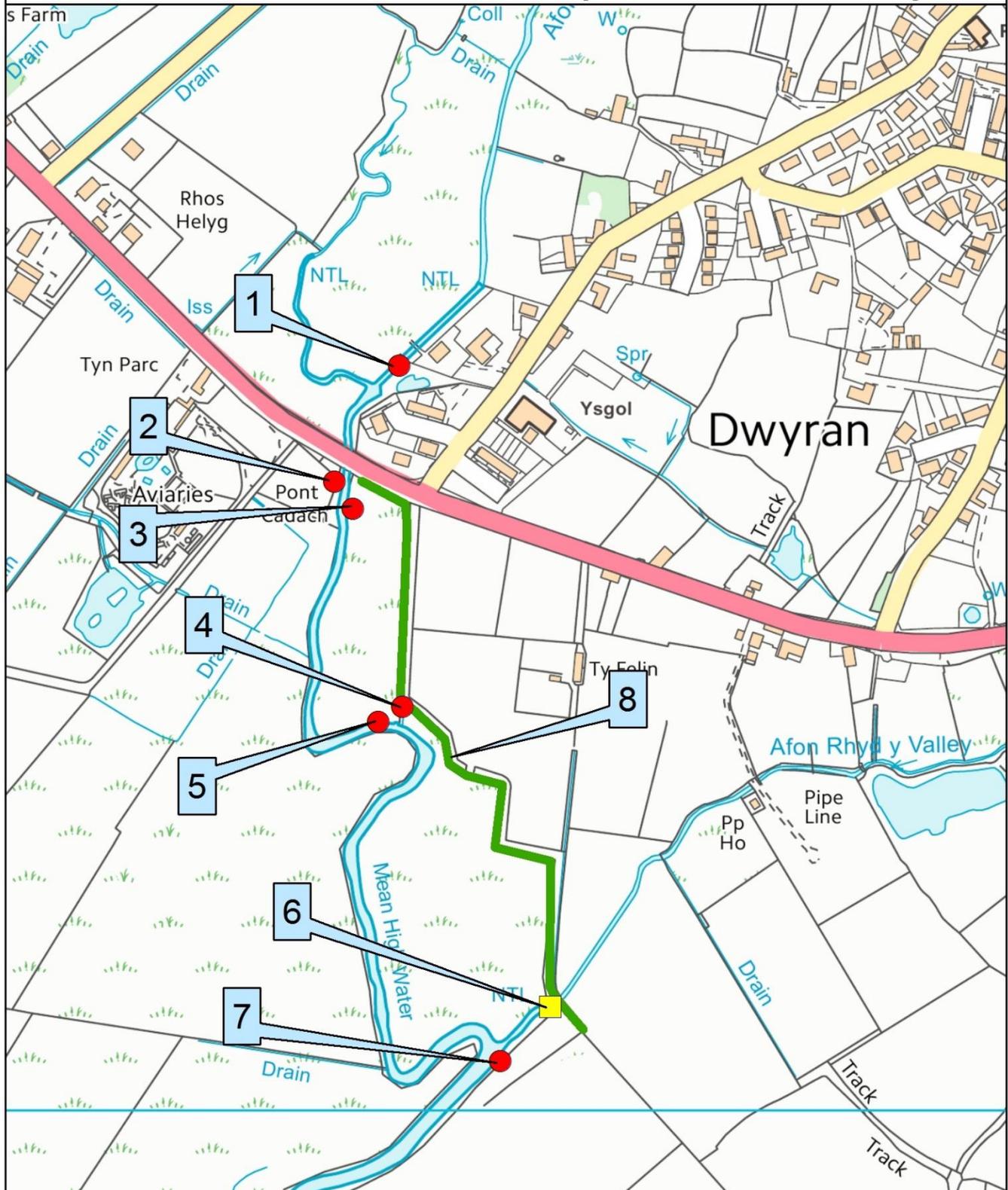
Alongside this, we are modelling the rivers and how the flooding happened – which is an essential step in identifying the best options for managing flood risk in the future. Without careful modelling we cannot come up with the best solution.

Once the river modelling has been completed around spring next year, we can look at options for developing a scheme to reduce flood risk in Dwyran.

Any such scheme would have to be justified on cost and approved by Welsh Government and would need to secure funding.

If you have any further questions or want more information, please contact: Natural Resources Wales Customer Service Centre on **03000 65 3000**  
email: [enquiries@naturalresourceswales.gov.uk](mailto:enquiries@naturalresourceswales.gov.uk)

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**Allwedd / Legend:**

- Pibellau Gollwng / Outfall Pipes
- Drws Llanw / Tidal Door
- Argloddiau / Embankments

0 40 80 160  
Meters

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No. on map	Name	Owner and Maintainer	Description	Inspection Schedule
1	Flapped outfall by Y Felin footbridge	*To be confirmed	300mm co plastic flap	To be confirmed
2	Braint (right bank) flapped outfall downstream of bridge	Isle of Anglesey County Council	500mm plastic flap on a concrete headwall	Last inspected November 2017 Routine Inspection – minimum annually, and following any significant flooding event
3	Braint (left bank) flapped outfall downstream of bridge	Isle of Anglesey County Council	200mm plastic outfall flap	Last inspected November 2017 Routine Inspection – minimum annually, and following any significant flooding event
4	Braint flapped outfall by embankment	Natural Resources Wales	500mm steel outfall flap in a brick headwall	Last inspected April 2018 Routine inspection monthly Greased quarterly.
5	Braint (left bank) flapped outfall downstream of village	*To be confirmed	Outfall flap	To be confirmed
6	Rhyd y Valley tidal door	Natural Resources Wales	1x1 metre hardwood timber flap door	Last inspected April 2018 Routine inspection monthly Greased quarterly.
7	Braint (left bank) outfall	*To be confirmed	Outfall without flap	To be confirmed
8	Dwyran embankment	Natural Resources Wales	Embankment	Last inspected April 2018 Routine inspection monthly Embankment is mown 2 – 3 times a year with the first cut usually in July.

\*To be confirmed - We are investigating ownership of these assets.