

## Roath Flood Scheme

### Background

As you are probably already aware, many homes and businesses in the Roath, Penylan and Newport Road areas are at risk of flooding from the Roath Brook and the River Rhymney.

We estimate 440 properties in the area have a 1 in 100 chance of flooding in any year from high river flows, high tides or combinations of both.

In 2013 Natural Resources Wales appraised the feasibility of options to reduce flood risk to this area. Our study found the impact of a flood event to be very significant. We have successfully secured funding from Welsh Government to design, consult and deliver a flood scheme with the community.

### Winter 2014 storms

Fortunately Roath did not experience significant flooding over the winter. Rainfall in the Roath Brook catchment was not as exceptional as elsewhere in England and Wales. The very high tide on 3rd January was predicted to have reached a level that would have flooded properties in Roath however the wind was not as strong as forecast and the peak water level was around a foot lower than feared.



High river flows flooding Waterloo Gardens in June 2009

### What are we doing?

Natural Resources Wales will be working with partners to design and deliver a flood scheme on the Roath Brook with the community of Roath. Improvements are required at locations between Penylan Road and the confluence of the Roath Brook with the River Rhymney near the new Morrison's supermarket.

We will consult widely as we develop our proposals, before seeking planning consent and other necessary approvals. We recognise the sensitivity and value to the city of the listed parks and Roath conservation area. Our aim will be to develop an urban landscaping scheme to manage flooding using sensitively designed flood walls and embankments, with enhancements to the river channel and a number of highway bridges to increase capacity.

We are also keen to explore opportunities for amenity and wildlife improvements.

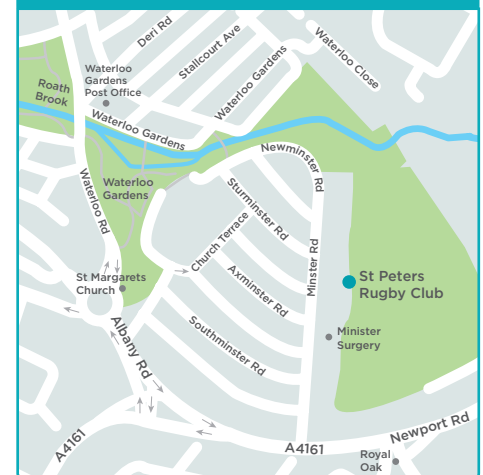
### Ground Surveys May 2014

We need to assess the ground in Roath Brook Gardens, Roath Mill Gardens, Waterloo Railway Gardens and Colchester Avenue areas. To do this our contractor will have to take soil samples using eight boreholes and we expect this to take between three and four weeks.

We will make every effort to minimise any disruption and will fully reinstate the area afterwards. We are very grateful for your continued co-operation.

### Public Meeting 15th May 2014

We would like to gather your views before progressing any further. We are inviting local residents and business owners to a drop-in surgery taking place at **St Peters RFC on Minster Road, CF23 5AS** anytime between **2pm and 6.30pm**. We will be explaining the need for improvements and our design programme. The team will be also gathering opinions and ideas and answering questions.



### Contact us

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