

## **VALE OF GLAMORGAN COUNCIL**

### **COLDBROOK CATCHMENT FLOOD RISK MANAGEMENT SCHEME, BARRY**

#### **The Environmental Impact Assessment (Land Drainage Improvement Works) Regulations 1999 (as amended by SI 2005/1399 and SI 2006/618)**

The Vale of Glamorgan Council pursuant to The Environmental Impact Assessment (Land Drainage Improvement Works) Regulations 1999 (as amended in 2005 and 2006) hereby wishes to give notice that it proposes to carry out land drainage improvement works at the above location.

The Vale of Glamorgan Council as Local Planning Authority has considered that this scheme, except for the proposed flood water storage area at Dyfan Road Public Open Space which is subject to a separate planning application, would fall within the provisions of Class A, Part 14 of Schedule 2 of the General Permitted Development Order 1995. For such schemes, environmental impact is assessed under the above named Regulations.

It is intended to improve the open and culverted sections of the Coldbrook watercourse from Merthyr Dyfan Road to the A4231 Barry Docks Link Road and to improve land drainage generally within the catchment area of the watercourse.

A notice for the following works, for which the Vale of Glamorgan considered would not have a significant Environment Impact, was published in October 2012 and received no representations:

- Demolition of an existing structure and construction of a new culvert inlet structure and screen at Merthyr Dyfan Road
- Replacement and repair of defective sections of culvert in Merthyr Dyfan Road, Smithies Field, Redberth Close, Lydstep Road, Carew Close, Oakfield Primary School
- Demolition of an existing structure and construction of a new culvert inlet structure and screen at the rear of Redberth Close
- Demolition of an existing structure and construction of a new culvert outlet structure and screen at Dyfan Road Public Open Space
- Demolition of an existing structure and construction of a new culvert inlet structure and screen at Dyfan Road Public Open Space
- Construction a flood water storage area in Dyfan Road Public Open Space consisting of low height grass covered earth banks with associated outlet structure and access improvements for maintenance
- Construction of a new culvert inlet structure and screen at Price Avenue
- Construction of a new culvert inlet structure and screen at Brookfield Avenue
- Construction of new culvert inlet and outlet structures at Meadow Vale
- Construction of a new culvert inlet structure and screen at Coldbrook Road East
- Reprofiling of approximately 100m of the open watercourse channel from just upstream of the confluence of the Coldbrook and Channels Girt watercourses at Brookfield Avenue to midway between the roads Meadow Vale and Coldbrook Road East.
- General cleansing and removal of intrusions and obstructions within the culvert and open sections of watercourse between Merthyr Dyfan Road and A4231 Barry Docks Link Road, including the line of the open water course from Robins Lane to the Channels Girt

watercourse near Brookfield Avenue / Meadow Vale and the line of the ditch between Ysgol Gwaun Y Nant and behind Laburnum Close.

- Land Drainage improvements to the rear of properties at Heathfield Drive
- Land Drainage improvements at Cemetery Road and along Merthyr Dyfan Road and Lydstep Road, including additional gullies and a carrier drain to the Coldbrook Culvert near Redberth Close, and reprofiling of the highway at the bottom end of Merthyr Dyfan Road.
- Land Drainage improvements at Carew Close / Lydstep Road, including additional gullies and a carrier drain to the Coldbrook Culvert.
- Land Drainage improvements at Solva Close, including additional gullies and a carrier drain to the Coldbrook Culvert in Oakfield Primary School
- Land Drainage improvements at Oakfield Primary School / Ysgol Gwaun Y Nant.
- Land Drainage improvements at Dyfan Road / Gibbonsdown Rise, including additional gullies and a carrier drain to the Coldbrook Culvert
- Land Drainage improvements in vacant land off Robins Lane by increasing a tributary culvert size and in Robins Lane by the addition of road gullies
- Land Drainage improvements in the grounds of Bryn Hafren School.

Under Regulation 5 (3) the Vale of Glamorgan have carried out the works at Heathfield Drive and intend to proceed to carry out the other works listed above (except as altered below).

Since the 2012 Notice the nature, size and location of some elements of proposed work have been altered and further areas of work elements of work have been designed. The nature, size and location of the new or amended proposed improvement works are as follows:

- Deepening and widening the land drainage ditch located between Ysgol Gwaun Y Nant and Laburnum Close to allow outfall of the Land Drainage improvements at Oakfield Primary School / Ysgol Gwaun Y Nant.
- Construction of a larger flood water storage area in Dyfan Road Public Open Space, to reduce flood flows in the downstream culvert and watercourse, consisting of excavation and filling works to form grass covered earth banks up to 3.5m high with associated extensions to culverts, inlet / outlet structures, sewer diversions and access improvements for maintenance (these works are subject to a separate planning application).
- Construction of an underground piped overflow link between the two watercourses at Brock Street in order to improve the balance of flows in the Coldbrook Culvert and Old Coldbrook watercourse and reduce flows which could cause flooding from the culvert in Coldbrook Road East.
- Removal and replacement of a private access footbridge at Bron Y Nant to increase capacity for flow within the Old Coldbrook watercourse.
- Construction of a new 'overflow' culvert and associated inlet and outlet structures and screens at Brookfield Avenue to convey greater flows to Channels Girt in flood and reduce risk of flooding to properties on Meadow Vale upstream of the culvert.
- Construction of a new 'low level' culvert and associated inlet and outlet structures at Meadow Vale to allow the existing culvert at Brookfield Avenue upstream (which is currently set lower) to freely drain.
- Improve the conveyance capacity of the existing Channels Girt branch culvert in the rear garden of 7 Solent Road by the removal of a 1100mm diameter culvert which is restricting flood flows and replacement with a 3600mm wide x 1800mm high box culvert

and new chamber, in order to reduce risk of flood waters overtopping the Coldbrook Road East culvert headwall.

- Improve the conveyance capacity of the Coldbrook culvert in the lower reaches of Coldbrook Road East by the installation of an additional culvert beneath Langlands and Solent Road, re-joining the Coldbrook culvert at a point where it has greater capacity, in order to reduce risk of flooding from the Coldbrook Culvert in Coldbrook Road East.

The Vale of Glamorgan consider that the new and amended proposed improvement works listed above are not likely to have a significant effect on the environment and as such it is not intended to prepare an Environmental Statement in respect of the proposed improvement works.

Notice is hereby given that should any person wish to make representations in relation to the likely environmental effects of the new and amended proposed improvement works they should do so in writing to Director of Visible Services & Housing at the address specified below within 28 days of the date of publication of this notice. Further information regarding the proposed works is available from the address below or at the Civic Offices Holton Road Barry CF63 4RU

Dated the        day of                    2014

Director of Visible Services and Housing  
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Llywodraeth Cymru  
Welsh Government



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