

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, 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 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 Oakfield Primary School / Ysgol Gwaun Y Nant 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.
- 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 14th day of August 2014

Director of Visible Services and Housing, Vale of Glamorgan Council
Alps Depot, Wenvoe, CF5 6AA



Llywodraeth Cymru
Welsh Government



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Welsh Government

CYNGOR BRO MORGANNWG

CYLLIUN RHEOLI PERYGL LLIFOGYDD YN NALGYLCH COLDBROOK Y BARRI

Rheoliadau Asesu Effaith Amgylcheddol (Gwaith Gwella Systemau Draenio Tir) 1999 (fel y'u diwygiwyd yn 2005 a 2006)

Mae Cyngor Bro Morgannwg yn unol â Rheoliadau Asesu Effaith Amgylcheddol (Gwaith Gwella Systemau Draenio Tir) 1999 (fel y'u diwygiwyd yn 2005 a 2006), trwy hyn, yn rhybuddio ei fod am wneud gwaith er mwyn gwellu'r systemau draenio tir yn lleoliad uchod.

Mae Cyngor Bro Morgannwg, fel yr Awdurdod Cyllunio Lleol, yn ystyried y byddai'r cyllun hwn yn dod o dan ddarpariaethau Dosbarth A, Rhan 14 Atodlen 2, Gorchymyn Datblygu Cyffredinol a Ganiateir 1995. Bydd effaith cylluniau o'r math hwn ar yr amgylchedd yn cael ei hasesu o dan y Rheoliadau a enwyd uchod.

Y bwriad yw gwella rhannau agored a chyflfatau cwrw dŵr Coldbrook rhwng Merthyr Dyfan Road a Ffordd Gyswllt Dociau'r Barri A4231, a gwella'r system draenio'n gyffredinol yn nalgyllch y cwrw dŵr.

Gyhoeddwyd hysbysiad am y gwaith canlynol na fydd ym marn Cyngor Bro Morgannwg yn cael llawer iawn o effaith ar yr amgylchedd, yn Hydref 2012, ac ni ddaeth unrhyw sylwadau i law.

- Dymchwel yr adeiladwaith presennol ac adeiladu blaen cyffat newydd a sgrin ym Merthyr Dyfan Road;
- Ailosod a throswio rhannau diffygol cyfflatiau ym Merthyr Dyfan Road, Smithies Field, Redberth Close, Lydstep Road, Carew Close ac ysgol gynradd Oakfield;
- Dymchwel yr adeiladwaith presennol ac adeiladu blaen cyffat newydd a sgrin y tu ôl i Redberth Close;
- Dymchwel yr adeiladwaith presennol ac adeiladu allanfa gyffat newydd a sgrin ym man agored gyhoeddus Dyfan Road;
- Dymchwel yr adeiladwaith presennol ac adeiladu blaen cyffat newydd a sgrin ym man agored gyhoeddus Dyfan Road;
- Darparu cronfa dŵr llifogydd ym man agored gyhoeddus Dyfan Road a chloddiau pridd gwelltlog isel o'i hamgylch, a hefyd wella'r allanfa a mynediad ar gyfer ei chynnal a'i chadw;
- Adeiladu blaen cyffat newydd a sgrin yn Price Avenue;
- Adeiladu blaen cyffat newydd a sgrin yn Brookfield Avenue;
- Adeiladu blaen ac allanfa cyffat newydd yn Meadow Vale;
- Adeiladu blaen cyffat newydd a sgrin yn Coldbrook Road East;
- Ailwampio rhyw 100 metr o'r cwrw dŵr agored rhwng man sydd ychydig ymhellach i fyny'r safle na chyflifad cysiau dŵr Coldbrook a Channels Girt yn Brookfield Avenue a man sydd ryw haner ffordd rhwng heolodd Meadow Vale a Coldbrook East;
- Gianhau'r gyffredinol a chael gwared ar unrhyw rwystrau yng nghylfatau a rhannau agored y cwrw dŵr rhwng Merthyr Dyfan Road a Ffordd Gyswllt Dociau'r Barri A4231, a hefyd wely'r cwrw dŵr agored rhwng Robins Lane a chwrs dŵr Channels Girt ger Brookfield Avenue / Meadow Vale, a gwely'r ffos rhwng Ysgol Gwaun Y Nant a'r tir y tu ôl i Laburnum Close;
- Gwella'r system draenio tir y tu ôl i dai Heathfield Drive;
- Gwella'r system draenio tir yn Cemetery Road ac ar hyd Merthyr Dyfan Road a Lydstep Road, a darparu gyliau ychwanegol a phrif ddraen ar gyfer cyffat Coldbrook ger Redberth Close, ac ailwampio'r briffordd ar waelod Merthyr Dyfan Road;
- Gwella'r system draenio tir yn Carew Close / Lydstep Road, a darparu gyliau ychwanegol a phrif ddraen ar gyfer cyffat Coldbrook;
- Gwella'r system draenio tir yn Solva Close, a darparu gyliau ychwanegol a phrif ddraen ar gyfer cyffat Coldbrook yn ysgol gynradd Oakfield;
- Gwella'r system draenio tir yn ysgol gynradd Oakfield / Ysgol Gwaun Y Nant;
- Gwella'r system draenio tir yn Dyfan Road / Gibbonsdown Rise, a darparu gyliau ychwanegol a phrif ddraen ar gyfer cyffat Coldbrook;
- Gwella'r system draenio ar gyfer tir gwag oddi ar Robins Lane drwy ddarparu cyffat ategol mwy o faint ac yn Robins Lane ei hun drwy ddarparu cwtteri ffordd ychwanegol.
- Gwella'r system ar gyfer draenio tiroedd ysgol Bryn Hafren School.

O dan Reoliad 5 (3), y mae'r Cyngor wedi dod i ben â'r gwaith yn Heathfield Drive ac ysgol gynradd Oakfield / Ysgol Gwaun Y Nant ac yn bwriadu cyflawni gweddill y gwaith yn ôl y rhestr uchod (ac eithrio lle bo newid wedi'i nodi isod).

Ers cyhoeddi hysbysiad 2012, y mae natur, maint a lleoliad rhai agweddau ar y gwaith arfaethedig wedi newid, a chafodd effennau a meysydd gwaith ychwanegol eu cyllunio. Dyma natur, maint a lleoliad y gwaith gwella newydd a diwygiedig:

- Dynhau a lledu'r ffos draenio tir rhwng Ysgol Gwaun Y Nant a Laburnum Close, er mwyn gwneud lle i arllwysta dŵr pan fydd y system draenio ym yr Ysgol Gynradd Oakfield / Ysgol Gwaun Y Nant yn cael ei gwella.
- Darparu cronfa fwy o faint ar gyfer dŵr llifogydd ym man agored gyhoeddus Dyfan Road er mwyn lleihau'r lliw y dŵr llifogydd ym y cyffat a'r cwrw dŵr islaw'r safle. Bydd agored gwneud gwaith plun a llenwi er mwyn codi cloddiau pridd gwelltlog 3.5m o uchder. Byddwn hefyd yn ymestyn y cyfflatiau, y blaenau cyffat a'r allanfeydd, yn dargyfeirio cartffosydd ac yn gwella mynediad ar gyfer cynnal a chadw.
- Adeiladu piben orlif dandaedaerol yn cysylltu'r ddau gwrs dŵr yn Brock Street er mwyn cydbwyo llifau dŵr yng nghylfatau Coldbrook a chwrs dŵr Hen Coldbrook a lleihau'r lliw yng nghylfatau Coldbrook Road East a llai achos llifogydd.
- Tynnu ac ailosod pompren breifat ym Mron Y Nant er mwyn darparu ar gyfer llif cyfryach yng nghwrs dŵr Hen Coldbrook.
- Adeiladu cyffat gorllif newydd a blaenau cyffat, allanfeydd a sgriniau cysylltiedig yn Brookfield Avenue er mwyn cael cludo mwy o'r cyffat a'r cwrw dŵr agored rhwng yr adeig llifogydd, ac fel y bo llai o berygl llifogydd mewn eiddo yn Meadow Vale sydd ymhellach i fyny'r safle o'r cyffat.
- Adeiladu cyffat 'lefel isel' a blaenau cyffat ac allanfeydd cysylltiedig yn Meadow Lane er mwyn caniatáu i'r cyffat i fyny'r safle yn Brookfield Avenue (sydd wedi'i osod yn is ar hyn o bryd) ddraenio'n rhydd.
- Darparu ar gyfer cludo mwy o dŵr yn is-gylfatau Channels Girt yng ngardd gefn 7 Solent Road, drwy symud cyffat 1100mm ar ei draws sy'n rhywost dŵr llifogydd, a gosod cyffat bocws uchel (3600 o led x 1800 o uchder) a siambr newydd yn ei le, fel na fo cymaint o berygl i ddŵr llifogydd godi'n uwch na mur cynhalio cyffat Coldbrook Road East.
- Darparu ar gyfer cludo mwy o dŵr yng nghylfatau Coldbrook ym mhen isaf Coldbrook Road East, drwy osod cyffat ychwanegol o dan Langlands Road a Solent Road, a threfnu iddo ailymuno â chyffat Coldbrook lle y mae mwy o le ar gyfer y dŵr. Yn y modd yma, bydd llai o berygl i gyffat Coldbrook yn Coldbrook Road East orlifo.

Am na chredwn fod y gwaith newydd a'r gwaith addasu a gyngiwyd ac a restrwyd uchod yn debyg o effeithio ryw lawer ar yr amgylchedd, ni wriadwn lunio Datganiad Amgylcheddol ar ei gyfer.

Gan hynny, rhybuddwn y dylai unrhyw un sydd am wneud sylwadau ar effaith amgylcheddol debygol y gwaith newydd a'r gwaith addasu hwn, anfon llythyr i'r bwriad hwnnw ar y Cyfarwyddwr Gwasanaethau Gweladwy a Thai yn y cyfeiriad isod cyn pen 28 niwrnod ar ôl dyddiad yr hysbysiad hwn. Cewch ragor o wybodaeth am y gwaith arfaethedig drwy anfon llythyr i'r cyfeiriad isod neu alw heibio i Swyddfeydd Dinesig, Heol Holton, Y Barri CF63 4RU

Dyddiedig 14 Awst 2014

Cyfarwyddwr Gwasanaethau Gweladwy a Thai, Cyngor Bro Morgannwg
Canolfan yr Alpau, Gwênôl, CF5 6AA

