



From: Perry Rhodri <Rhodri.Perry@dwrcymru.com>
Sent: 25 October 2019 16:45
To: Ceire McGough <ceire.mcgough@waterco.co.uk>
Subject: RE: 12431 - Ysgol Y Hafod, Johnstown - PPA0004289

Hi Ceire,

Thank you for email and attachments,

We are open to considering the surface water discharging to combined sewer on basis that school is already discharging there, however we would need to know current discharge figures as well as proposed? Once this is received I will confirm position.

Kind regards,

Rhodri



Rhodri Perry

Development Control Officer | Developer Services | Dwr Cymru Welsh Water

Linea | Cardiff | CF3 0LT | T: 0800 917 2652 | www.dwrcymru.com

We will respond to your email as soon as possible but you should allow up to 10 working days to receive a response. For most of the services we offer we set out the timescales that we work to on our Developer Services section of our website. Just follow this link <http://www.dwrcymru.com/en/Developer-Services.aspx> and select the service you require where you will find more information and guidance notes which should assist you. If you cannot find the information you are looking for then please call us on 0800 917 2652 as we can normally deal with any questions you have during the call.

If we've gone the extra mile to provide you with excellent service, let us know. You can nominate an individual or team for a Diolch award through our [website](#).

From: Ceire McGough <ceire.mcgough@waterco.co.uk>
Sent: 25 October 2019 12:24
To: Perry Rhodri <Rhodri.Perry@dwrcymru.com>
Subject: RE: 12431 - Ysgol Y Hafod, Johnstown - PPA0004289

***** External Mail *****

Good afternoon Rhodri,

Thank you for your email dated 18th October (Reference: PPA0004289). We look forward to receiving your comments regarding the acceptability of a connection to the surface water sewer in Heol Offa and Heol-Y-Cyngor.

Upon further investigation, in order to make a connection to either the public surface water sewer in Heol Offa or the public surface water sewer in Heol-Y-Cyngor, agreement / land acquisition would need to be secured from third parties. A pumped solution would also be required to achieve a connection to the public surface water sewers. Please see the attached DCWW sewer plan showing third party constraints.

The existing school drainage plans indicate that surface water from the existing school building drains to a 375mm public combined sewer in Bangor Road, north of the site. I have attached the drainage plan for the school for reference. The proposal includes an extension of the school building of 564m².

Please can you advise on the acceptability of discharging surface water from the proposed building extension to the public combined sewer located in Bangor Road utilising the existing drainage system (no new connection to the 375mm public sewer required). This option would facilitate gravity drainage (avoiding a pumped solution) and is not restricted by third party land constraints. Opportunities are available to reduce the flow rate (from the extension and existing school building) to the public combined sewer where required.

Kind Regards,

Ceire McGough BSc
Environmental Consultant

Office: 01824 702220

Teams: ceire.mcough@waterco.co.uk



Assessment, Modelling, Design
Ruthin - Chester - Manchester



For email confidentiality, limitations and company details please see our disclaimer webpage. Registered in Wales under company no. 3577754. Waterco Ltd, Eden Court, Ruthin LL15 1NJ. Please click for our GDPR policy.

Please consider the environment before printing this email.

From: Perry Rhodri <Rhodri.Perry@dwrcymru.com>
Sent: 18 October 2019 16:27
To: Ceire McGough <ceire.mcough@waterco.co.uk>
Subject: RE: 12431 - Ysgol Y Hafod, Johnstown - PPA0004289

Hi Ceire,

Sorry for the delay in coming back to you on this,

My formal comments regarding surface water disposal will be issued to you on Monday.

Kind regards,

Rhodri



Rhodri Perry
Development Control Officer | Developer Services | Dwr Cymru Welsh Water
Linea | Cardiff | CF3 0LT | T: 0800 917 2652 | www.dwrcymru.com

We will respond to your email as soon as possible but you should allow up to 10 working days to receive a response. For most of the services we offer we set out the timescales that we work to on our Developer Services section of our website. Just follow this link <http://www.dwrcymru.com/en/Developer-Services.aspx> and select the service you require where you will find more information and guidance notes which should assist you. If you cannot find the information you are looking for then please call us on 0800 917 2652 as we can normally deal with any questions you have during the call.

If we've gone the extra mile to provide you with excellent service, let us know. You can nominate an individual or team for a Diolch award through our [website](#).

From: Ceire McGough [<mailto:ceire.mcough@waterco.co.uk>]
Sent: 15 October 2019 17:50
To: services developer <developer.services@dwrcymru.com>
Subject: 12431 - Ysgol Y Hafod, Johnstown - PPA0004289

***** External Mail *****

Good Afternoon,

Further to my below e-mail, please can you advise when I can expect a response regarding the option of discharging surface water to the sewerage system for the development at Ysgol Y Hafod, Johnstown.

As mentioned below; Infiltration testing (to BRE365 Standards) has been carried out at the site with results showing that infiltration will not be feasible and there are no watercourses within the vicinity of the site.

Please advise if a connection to the 150mm surface water sewer, located south of the site within Heol Offa would be acceptable.

Or, alternatively, a connection to the 150mm surface water sewer within Heol-Y-Cyngor, 170m east of the site.

Kind Regards,

Ceire McGough BSc
Environmental Consultant

Office: 01824 702220

Teams: ceire.mcgough@waterco.co.uk



Assessment, Modelling, Design
Ruthin - Chester - Manchester



For email confidentiality, limitations and company details please see our disclaimer webpage. Registered in Wales under company no. 3577754. Waterco Ltd, Eden Court, Ruthin LL15 1NJ. Please click for our GDPR policy.

Please consider the environment before printing this email.

From: Ceire McGough
Sent: 19 September 2019 14:24
To: developer.services@dwrcymru.com
Subject: 12431 - Ysgol Y Hafod, Johnstown - PPA0004289

Good Afternoon

Thank you for the above response regarding a proposed development at Ysgol Y Hafod, Johnstown, Wrexham (Reference number: PPA0004289).

Infiltration testing (to BRE365 Standards) has been carried out at the site with results showing that infiltration will not be feasible. (I have attached the infiltration test results for reference).

There are no watercourses located within the vicinity of the site, therefore our options for surface water disposal is limited.

We note that there is a 150mm surface water sewer located in Heol Offa to the south of the site. Please can you advise whether a connection to the surface water sewer in Heol Offa at a limited discharge rate would be acceptable.

Kind Regards,

Ceire McGough BSc
Environmental Consultant

Office: 01824 702220



Assessment, Modelling, Design
Ruthin - Chester - Manchester - London

Shortlisted for awards in the following categories;
'Innovation in Project Management' & 'Impact in Water'



For email confidentiality, limitations and company details please see our disclaimer webpage. Registered in Wales under company no. 3577754.
Waterco Ltd, Eden Court, Ruthin LL15 1NJ. Please click for our GDPR policy.

Please consider the environment before printing this email.

Dwr Cymru Welsh Water is firmly committed to water conservation and promoting water efficiency. Please log on to our website www.dwrcymru.com/waterefficiency to find out how you can become water wise. Mae Dwr Cymru Welsh Water wedi ymrwymo i warchod adnoddau dwr a hyrwyddo defnydd dwr effeithiol. Mae cyngor i' ch helpu i ddefnyddio dwr yn ddoeth yn www.dwrcymru.com/waterefficiency

***** This email and any file attached is confidential. If you are not a named recipient or believe you may have received this email in error please delete from your system and promptly inform the sender. Dwr Cymru Cyf (trading as Welsh Water) is a company registered in England and Wales, number 02366777, registered office Pentwyn Road, Nelson, Treharris, Mid Glamorgan CF46 6LY. Mae'r neges e-bost yma ac unrhyw ffeil sydd ynghlwm wrthi'n gyfrinachol. Os nad chi yw'r derbynnydd a enwir, neu os ydych chi'n credu eich bod wedi derbyn y neges yma ar gam, dylech ei dileu o'ch system ar unwaith a hysbysu'r anfonwr. Cwmni sydd wedi ei gofrestru yng Nghymru yw Dŵr Cymru Cyf (yn masnachu fel Dŵr Cymru), ei rif cofrestredig yw 02366777, ac mae ei swyddfa gofrestredig yn Heol Pentwyn, Nelson, Treharris, Morgannwg Ganol CF46 6LY. *****

Dwr Cymru Welsh Water is firmly committed to water conservation and promoting water efficiency. Please log on to our website www.dwrcymru.com/waterefficiency to find out how you can become water wise. Mae Dwr Cymru Welsh Water wedi ymrwymo i warchod adnoddau dwr a hyrwyddo defnydd dwr effeithiol. Mae cyngor i' ch helpu i ddefnyddio dwr yn ddoeth yn www.dwrcymru.com/waterefficiency

***** This email and any file attached is confidential. If you are not a named recipient or believe you may have received this email in error please delete from your system and promptly inform the sender. Dwr Cymru Cyf (trading as Welsh Water) is a company registered in England and Wales, number 02366777, registered office Pentwyn Road, Nelson, Treharris, Mid Glamorgan CF46 6LY. Mae'r neges e-bost yma ac unrhyw ffeil sydd ynghlwm wrthi'n gyfrinachol. Os nad chi yw'r derbynnydd a enwir, neu os ydych chi'n credu eich bod wedi derbyn y neges yma ar gam, dylech ei dileu o'ch system ar unwaith a hysbysu'r anfonwr. Cwmni sydd wedi ei gofrestru yng Nghymru yw Dŵr Cymru Cyf (yn masnachu fel Dŵr Cymru), ei rif cofrestredig yw 02366777, ac mae ei swyddfa gofrestredig yn Heol Pentwyn, Nelson, Treharris, Morgannwg Ganol CF46 6LY. *****

Dwr Cymru Welsh Water is firmly committed to water conservation and promoting water efficiency. Please log on to our website www.dwrcymru.com/waterefficiency to find out how you can become water wise. Mae Dwr Cymru Welsh Water wedi ymrwymo i warchod adnoddau dwr a hyrwyddo defnydd dwr effeithiol. Mae cyngor i' ch helpu i ddefnyddio dwr yn ddoeth yn www.dwrcymru.com/waterefficiency

***** This email and any file attached is confidential. If you are not a named recipient or believe you may have received this email in error please delete from your system and promptly inform the sender. Dwr Cymru Cyf (trading as Welsh Water) is a company registered in England and Wales, number 02366777, registered office Pentwyn Road, Nelson, Treharris, Mid Glamorgan CF46 6LY. Mae'r neges e-bost yma ac unrhyw ffeil sydd ynghlwm wrthi'n gyfrinachol. Os nad chi yw'r derbynnydd a enwir, neu os ydych chi'n credu eich bod wedi derbyn y neges yma ar gam, dylech ei dileu o'ch system ar unwaith a hysbysu'r anfonwr. Cwmni sydd wedi ei gofrestru yng Nghymru yw Dŵr Cymru Cyf (yn masnachu fel

Dŵr Cymru), ei rif cofrestredig yw 02366777, ac mae ei swyddfa gofrestredig yn Heol Pentwyn, Nelson, Treharris, Morgannwg Ganol CF46 6LY. *****

Dwr Cymru Welsh Water is firmly committed to water conservation and promoting water efficiency. Please log on to our website www.dwrcymru.com/waterefficiency to find out how you can become water wise. Mae Dwr Cymru Welsh Water wedi ymrwymo i warchod adnoddau dwr a hyrwyddo defnydd dwr effeithiol. Mae cyngor i' ch helpu i ddefnyddio dwr yn ddoeth yn www.dwrcymru.com/waterefficiency

***** This email and any file attached is confidential. If you are not a named recipient or believe you may have received this email in error please delete from your system and promptly inform the sender. Dwr Cymru Cyf (trading as Welsh Water) is a company registered in England and Wales, number 02366777, registered office Pentwyn Road, Nelson, Treharris, Mid Glamorgan CF46 6LY. Mae'r neges e-bost yma ac unrhyw ffeil sydd ynghlwm wrthi'n gyfrinachol. Os nad chi yw'r derbynnydd a enwir, neu os ydych chi'n credu eich bod wedi derbyn y neges yma ar gam, dylech ei dileu o'ch system ar unwaith a hysbysu'r anfonwr. Cwmni sydd wedi ei gofrestru yng Nghymru yw Dŵr Cymru Cyf (yn masnachu fel Dŵr Cymru), ei rif cofrestredig yw 02366777, ac mae ei swyddfa gofrestredig yn Heol Pentwyn, Nelson, Treharris, Morgannwg Ganol CF46 6LY. *****

Appendix G – SAB Application
