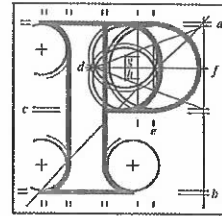


Our Case Number: ABP-313182-22

Planning Authority Reference Number:



**An
Bord
Pleanála**

Irish Water
Blackwater House
Mallow Business Park
Mallow
Cork

Date: 14 June 2022

Re: BusConnects Clongriffin to City Centre Core Bus Corridor Scheme
County Dublin

Dear Sir / Madam,

An Bord Pleanála has received your observation or submission in relation to the case mentioned above and will take it into consideration in its determination of the matter.

Please be advised that copies of all submissions / observations received in relation to the application will be made available for public inspection at the offices of the Local Authority and at the offices of An Bord Pleanála when they have been processed by the Board.

For further information on this case please access our website at www.pleanala.ie and input the 6-digit case number into the search box. This number is shown on the top of this letter (for example: 303000).

Yours faithfully,

Niamh Thornton
Executive Officer
Direct Line: 01-8737247

BL50A

Teil	Tel	(01) 858 8100
Glaó Áitiúil	LoCall	1890 275 175
Facs	Fax	(01) 872 2684
Láithreán Gréasáin	Website	www.pleanala.ie
Ríomhphost	Email	bord@pleanala.ie

64 Sráid Maoilbhríde	64 Marlborough Street
Baile Átha Cliath 1	Dublin 1
D01 V902	D01 V902

Shaun McGee

From: Kieran O'Regan <koregan@water.ie>
Sent: Thursday 2 June 2022 15:51
To: SIDS
Cc: Ali Robinson; Maurice Feehan
Subject: FW: Irish Water Observations on Strategic Infrastructure Development ABP-313182-22
Attachments: IrishWaterResponse_ABP-313182-22.pdf

Afternoon all,

Please find attached Irish Waters response to the above referenced Strategic Infrastructure Development for the proposed BusConnects Clongriffin to City Centre Core Bus Corridor Scheme.

Kind regards,

Kieran

Kieran O'Regan *BA MPlan*
Development Management Planning (Southern Region)

Uisce Éireann
Teach na hAbhann Móire, Páirc Ghnó Mhala, Mala, Contae Chorcaí, Éire
Irish Water
Blackwater House, Mallow Business Park, Mallow, County Cork, Ireland

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Thank you for your attention.

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbhreithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimisceithe agus féadfar é a bheith neamhdhleathach. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Uisce Éireann le haon dliteanas faoi ghnímh nó faoi iarmhairtí bunaithe ar úsáid thoirmisceithe na faisnéise seo. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire. Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdraithe. Ní ghlacann Uisce Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairreachtaí chuig nó ó Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Ervia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

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ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoírí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairachtaí chuig nó ó Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Ervia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.



An Board Pleanála,
64 Marlborough Street,
Dublin 1
D01 V902

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Éire

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2nd June 2022

Re: Strategic Infrastructure Development – ABP-313182-22 - BusConnects Clongirffin to City Centre Core Bus Corridor Scheme.

Dear Sir / Madam,

Irish Water (IW) has reviewed the information regarding the proposed Strategic Infrastructure Development in Co. Dublin and would like to make the following observations:

Irish Water has no objection in principle to the proposed development; however, to ensure the adequate provision of water and wastewater facilitated please note the following:

Irish Water confirms that the applicant has engaged with our Diversions Section and having reviewed the proposed bus corridor infrastructure route for Clongirffin to City Centre subject to valid agreement/s being put in place, the proposed diversion works and build over works to Irish Water Assets can be facilitated.

Irish Water note the current consultation to date and drawings provided to Irish Water have been very high level. Irish Water require the applicant to provide detailed design drawings based on site investigation prior to construction commencing in order for a comprehensive review to take place on proposals. Designs will have to be in accordance with Irish Water's Standard Details and Codes of Practice and will have to incorporate the following water and wastewater requirements as detailed below:

In respect of water:

Stiúrthóirí / Directors: Cathal Marley (Chairman), Niall Gleeson, Eamon Gallen, Brendan Murphy, Michael G. O'Sullivan, Maria O'Dwyer, Yvonne Harris
Oifig Chláraithe / Registered Office: Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86 / Colvill House, 24-26 Talbot Street, Dublin 1, D01 NP86
Is cuideachta ghníomhaíochta ainmnithe atá faoi theorainn scalreanna é Uisce Éireann / Irish Water is a designated activity company, limited by shares.
Uimhir Chláraithe in Éirinn / Registered in Ireland No.: 530363

1. For the scenario where an existing water main, which is currently situated within a verge/footpath and is laid longitudinally/parallel to the road, is proposed to be situated within a bus lane/carriageway Irish Water require it to be replaced and relocated along with all associated fittings with like for like ductile iron pipe for the entire extent of affected pipe.
2. For the scenario where a section of an existing water main, which is currently situated within a verge/footpath and is laid traversing the road, is proposed to be situated within a bus lane/carriageway Irish Water require it to be replaced with like for like ductile iron pipe for the entire length traversing the cycle lane/bus lane/carriageway width.
3. Where Asbestos Cement mains are to be replaced the Works including disposal are to be carried out in compliance with the 'Asbestos-containing Materials (ACMs) in Workplaces – Practical Guidelines on ACM Management and Abatement' issued by the Health and Safety Authority.
4. For the scenario where the depth of cover of an existing water main (crown to ground level), which is currently situated or proposed to be placed within a bus lane/carriageway, is to be reduced to a depth which is less than 1200mm consultation is required with Irish Water in order to reach agreement on adequate protection measures in accordance with Irish Water's Standard Details and Codes of Practice.
5. For the scenario where the depth of cover of an existing water main (crown to ground level), which is proposed to be placed within a bus lane/carriageway, is currently less than 1200mm and there is no proposed change to the depth of cover all locations are to be highlighted and consultation is required with Irish Water in order to reach agreement on adequate protection measures in accordance with Irish Water's Standard Details and Codes of Practice.
6. For all mains where the proposal is to protect/divert, agreement with Irish Water will only be granted after the provision of a feasible detailed design which is in accordance with Irish Water's Standard Details and Codes of Practice and valid agreements being put in place.

7. No bus shelters foundations are to be placed over or within 1m horizontal separation distance of an existing water main or proposed water main. In the case where the 1m separation distance cannot be met Irish Water require that the water main be relocated along with all associated fittings to achieve a 1m minimum horizontal separation distance ensuring joints are placed as far away from foundations as possible. In any case it must be proven that the bus shelter is not applying any loading to a water main and that Irish Water can adequately and safely gain access to the water main without undermining/damaging the bus shelter. Under no circumstances will Irish Water allow mains to be located under bus shelter foundations without the written consent of Irish Water.
8. Bus shelter locations are to be clearly marked up on design drawings.
9. All protection/diversion works are to be in accordance with Irish Water's Standard Details and Codes of Practice.
10. All locations are to be investigated further at detailed design stage by BusConnects to confirm alignment and depth via site investigation.
11. It has been noted that some mains which are proposed to be placed from a verge into a cycle lane/bus lane/carriageway have not had any protection/diversion measures proposed. All mains which fall into this scenario will have to be replaced and relocated as per previous points 1,2 and 3.
12. No existing critical fittings such as PRVs and pumps are to be located within the proposed new trafficked areas and must be relocated to a footpath/verge.
13. Special consideration must be given to associated above ground Irish Water infrastructure such as kiosks to ensure they are located where Irish Water can have 24-hour access.
14. In some cases, the replacement main may require to be upsized and this will be confirmed upon further consultation at detailed design stage.

-
15. Irish Water require that BusConnects provide maintenance costs associated with the additional infrastructure required as a result of the project.
 16. It is Irish Water's responsibility to ensure a safe and secure water supply to our customers and we must ensure the integrity of our mains are maintained during and after the proposed works. Therefore, it must be demonstrated through design and method statements that the works, including excavation and compaction works, will not impact our mains. In some locations our mains are significantly aged and as such, proximal excavation and compaction works, will pose a significant risk to their integrity. There are concerns that if works are not properly planned in these areas, works could result in multiple bursts during construction, leading to unacceptable interruptions to supply to our customers and costly delays to the contractor on site. In these instances, Irish Water Operations' costs in the management of such bursts will be passed onto the project. If it cannot be demonstrated that adequate protection will be provided to our mains Irish Water will require full replacement of the main, and in some instances, this may be the most cost-effective solution.
 17. There are likely to be water-assets which do not fall under the criteria outlined in items 1 - 16 but due to age, condition etc. merit replacement. Issues with such mains include high leakage and high burst frequency. Proximal excavation and compaction works are likely to result in further deterioration of such water-mains. It is likely to be in the interests of both Irish Water and the NTA for these mains to be replaced. It is hoped that a collaborative approach can be employed between all stakeholders to agree funding and delivery methodology for such works. One of these areas is the junction between Malahide Road and Collins Avenue.
 18. All wayleave requirements shall be agreed with Irish Water ahead of commencement of works.
 19. All development shall in compliance with Irish Waters Standard Codes and Practices.

In respect of Wastewater

1. Technical Requirements - Design is to align with Irish Water's Codes of Practice. Where the proposed works do not align with Irish Water's Codes of Practice these locations are to be identified clearly in the design. Design is to include existing and proposed cover levels and comment that each meets Irish Water's Codes of Practice. Irish Water to be provided with standard method statements in relation to the type of work, depth of excavation, etc.
2. Additional Contributing Surface Areas - Irish Water wish to understand how additional hard standing areas are to be delivered as part of the project which will impact on our combined and/or foul network. Irish Water are concerned with areas where there is an increase in area or runoff coefficient due to road widening or surface type changes (gravel to pavement). In addition, lands that may not change surface type but where a drainage direction is changed (private soak-away to road gully) are equally as important
3. The sewer networks in the catchment of the project are a combination of combined sewers and separated foul and storm sewers. Within these definitions there are partially separated sewers. In general, there is a higher percentage of combined sewers in the Dublin City Centre area. Irish Water wish to see these aforementioned areas clearly defined on detail drawings and the connection point of the "new areas" clearly identified.
4. Connection to dedicated storm water network:
 - Design must confirm it is a dedicated storm sewer and not a branch of a storm sewer that connects to a combined Irish Water network downstream.
 - The Local Authority will be responsible for permitting these connections.
 - Any areas found to be misconnected will need to be rectified at the Busconnects Project's cost.
5. Connection to combined water network:

- Irish Water need to approve all additional surface water connections areas.
 - Irish Water's strong preference is for no additional surface water to be connected to combined sewers. However, where existing surface water connections to the combined sewer currently exist and connections to a surface water sewer are not feasible Irish Water will consider connections to a combined sewer where capacity exists.
 - The additional area boundary is to be identified and the proposed connection point identified.
 - The additional area size and surface type are to be clearly labelled.
 - In the situation where there is extensive road widening, Irish Water will require rider sewers to be provided to collect storm water and discharge at a downstream location to facilitate future separation. Attenuation will be required to manage surface flows.
 - Irish Water will not take ownership of storm sewers or attenuation tanks.
 - Existing surface water connections within the working area will be required to be redirected to a rider or storm sewer.
6. Surface Water connections to foul sewers will not be permitted.
7. All wayleave requirements shall be agreed with Irish Water ahead of commencement of works.
8. All development shall in compliance with Irish Waters Standard Codes and Practices.

Queries relating to the terms and observations above should be directed to planning@water.ie

PP. Ali Robinson

Yvonne Harris
Connections and Developer Services