



**United Utilities Water Limited
Developer Services & Metering**

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Ribble Valley Borough Council
Council Offices, Church Walk
Clitheroe
BB7 2RA

Your ref: 3/2018/0914
Our ref: DC/18/4460
Date: 08-NOV-18

Dear Sir/Madam,

Location : Land off Clitheroe Road Whalley (Lawsonsteads phase 2) BB7 9RG

Proposal : Erection of 188 new dwellings including means of access and associated works

With regard to the above development proposal, United Utilities Water Limited ('United Utilities') wishes to provide the following comments.

United Utilities Easement and Right of Way

According to our records there are two easements affected by the proposed development site which is in addition to our statutory rights for inspection, maintenance and repair. The easements dated 09/09/1936 & 07/05/1962 UU Refs: 40/00278/1 & F2935/F2739 have restrictive covenants that must be adhered to. It is the responsibility of the developer to obtain a copy of the documents, available from United Utilities Legal Services or Land Registry and to comply to the provisions stated within the document.

Under no circumstances should anything be stored, planted or erected on the easement width. Nor should anything occur that may affect the integrity of the pipelines or United Utilities legal right to 24 hour access.

United Utilities has a Right of Way access to land at Springwood reference 120/00182 which appears to be affected by the proposal. United Utilities must have unrestricted 24 hour access to this land and nothing should occur that removes this right of access.

We recommend the applicant contacts our Property Services team to discuss how the proposals may interact with the easement. They should contact PropertyGeneralEnquiries@uuplc.co.uk

Water infrastructure crossing the proposed development site

A four-pipe aqueduct and a large diameter trunk main cross the site. As we need unrestricted access for operating and maintaining them, we will not permit development over or in close proximity to the mains. We require an access strip as detailed in our 'Standard Conditions for Works Adjacent to Pipelines', a copy of which is enclosed.

The applicant must comply with our Standard Conditions document. This should be taken into account in the final site layout, or a diversion may be necessary. Unless there is specific provision within the title of the property or an associated easement, any necessary disconnection or diversion required as a result of any development will be at the applicant's expense. If considering a water mains diversion, the applicant should contact United Utilities at their earliest opportunity as they may find that the cost of mains diversion is prohibitive in the context of their development scheme.

The Water Industry Act 1991 affords United Utilities specific rights in relation to the maintenance, repair, access and protection of our water infrastructure;

- Sections 158 & 159, outlines the right to inspect, maintain, adjust, repair or alter our mains. This includes carrying out any works incidental to any of those purposes. Service pipes are not our property and we have no record of them.
- Under Section 174 of the Act it is an offence to intentionally or negligently interfere with any resource main or water main that causes damage to or has an effect on its use or operation.

It is in accordance with this statutory provision that we provide standard conditions to assist developers when working in close proximity to our water mains.

Our standard conditions document includes detail of trees and shrubbery suitable for planting in the vicinity of a water main. The applicant should consult this document to ensure their landscaping proposals meet with the advice provided in the document. We also recommend the use of root barriers to afford additional protection to the water main.

Both during and post construction, there should be no additional load bearing capacity on the main and nor should support be removed from the main without prior agreement from United Utilities. This would include earth movement and the transport and position of construction equipment and vehicles.

It is the applicant's responsibility to demonstrate the exact relationship between any United Utilities' assets and the proposed development. We recommend the developer contacts United Utilities for advice on identifying the exact location of the water main; which also must also be carried out in line with our 'Standard Conditions' document.

Further to our review of the 'Proposed Unit Mix Plan (Roof Plan) AA7403 2010 REV A, dated Sep 2018 and 'Below Ground Drainage Layout Sheet 2' Project Number 1040-01, Drawing Number D0102 Revision P2, it appears that the proposed ponds may be located in close proximity to the water pipelines and both foul and surface water drainage pipes constructed above the pipelines.

Should the council be minded to grant permission for this scheme, given the significant strategic importance of the water pipelines at this location, it is critical the detail of this scheme is agreed prior to any commencement of work on site.

We urge the applicant to contact us at the earliest opportunity to discuss their proposals in relation to this water main and information detailed above. They should contact **Eugene Mooney**, by email DeveloperServicesWater@uuplc.co.uk.

We would suggest the applicant contacts United Utilities to arrange a meeting to address all points raised in this letter; the private property matters, impact on clean water assets and the delivery of new wastewater infrastructure (see drainage comments). **To avoid any unnecessary cost or delay to the applicant we recommend this is done prior to the scheme being determined.**

Should the Council deem this application suitable for approval we request the following condition is included in the subsequent Decision Notice to afford appropriate protective measures for the water assets:

Condition 1

No construction shall commence until details of the means of ensuring the water mains that are laid within the site boundary are protected from damage as a result of the development have been submitted to and approved by the Local Planning Authority in writing. The details shall outline the potential impacts on the water mains from construction activities and the impacts post completion of the development on the water mains infrastructure that crosses the site and identify mitigation measures to protect and prevent any damage to the water mains. Any mitigation measures shall be implemented in full in accordance with the approved details.

Reason: In the interest of public health and to ensure protection of the public water supply.

Drainage Conditions

Following our review of the submitted Drainage Strategy, we can confirm the proposals are acceptable in principle to United Utilities and therefore should planning permission be granted we request the following condition is attached to any subsequent Decision Notice:

Condition 2

The drainage for the development hereby approved, shall be carried out in accordance with principles set out in the submitted Foul & Surface Water Drainage Design Drawing D0102, Rev P2 - Dated Aug 18 which was prepared by Civic Engineers. For the avoidance of doubt no surface water will be permitted to drain directly or indirectly into the public sewer. The development shall be completed in accordance with the approved details.

Reason: To ensure a satisfactory form of development and to prevent an undue increase in surface water run-off and to reduce the risk of flooding

Whilst the principle strategy set out by the applicant is in line with United Utilities requirements, we suggest the applicant considers the location of the proposed rising main. We suggest the rising main should be located within the proposed carriageway rather than through residential rear gardens because this will have an effect on the future adoptability of the scheme.

If the applicant intends to offer wastewater assets forward for adoption by United Utilities, the proposed detailed design will be subject to a technical appraisal by an Adoptions Engineer as we need to be sure that the proposal meets the requirements of Sewers for Adoption and United Utilities' Asset Standards. **The detailed layout should be prepared with consideration of what is necessary to secure a development to an adoptable standard.** This is important as drainage design

can be a key determining factor of site levels and layout. The proposed design should give consideration to long term operability and give United Utilities a cost effective proposal for the life of the assets. Therefore, should this application be approved and the applicant wishes to progress a Section 104 agreement, we strongly recommend that no construction commences until the detailed drainage design, submitted as part of the Section 104 agreement, has been assessed and accepted in writing by United Utilities. Any works carried out prior to the technical assessment being approved is done entirely at the developers own risk and could be subject to change.

The applicant can discuss any of the above with Developer Engineer, Graham Perry, by email at wastewaterdeveloperservices@uuplc.co.uk.

Please note, United Utilities are not responsible for advising on rates of discharge to the local watercourse system. This is a matter for discussion with the Lead Local Flood Authority and / or the Environment Agency (if the watercourse is classified as main river).

Management and Maintenance of Sustainable Drainage Systems

Without effective management and maintenance, sustainable drainage systems can fail or become ineffective. As a provider of wastewater services, we believe we have a duty to advise the Local Planning Authority of this potential risk to ensure the longevity of the surface water drainage system and the service it provides to people. We also wish to minimise the risk of a sustainable drainage system having a detrimental impact on the public sewer network should the two systems interact. We therefore recommend the Local Planning Authority include a condition in their Decision Notice regarding a management and maintenance regime for any sustainable drainage system that is included as part of the proposed development.

For schemes of 10 or more units and other major development, we recommend the Local Planning Authority consults with the Lead Local Flood Authority regarding the exact wording of any condition. You may find the below a useful example.

Example condition

Prior to occupation of the development a sustainable drainage management and maintenance plan for the lifetime of the development shall be submitted to the local planning authority and agreed in writing. The sustainable drainage management and maintenance plan shall include as a minimum:

- a. Arrangements for adoption by an appropriate public body or statutory undertaker, or, management and maintenance by a resident's management company; and*
- b. Arrangements for inspection and ongoing maintenance of all elements of the sustainable drainage system to secure the operation of the surface water drainage scheme throughout its lifetime.*

The development shall subsequently be completed, maintained and managed in accordance with the approved plan.

Reason: To ensure that management arrangements are in place for the sustainable drainage system in order to manage the risk of flooding and pollution during the lifetime of the development.

Please note, United Utilities cannot provide comment on the design, management and maintenance of an asset that is not in our ownership and therefore should the suggested condition be included in the Decision Notice, we will not be involved in discharging this condition.

Water supply

Our water mains may need extending to serve any development on this site and the applicant may be required to pay a contribution.

If the applicant intends to obtain a water supply from United Utilities for the proposed development, we strongly recommend they engage with us at the earliest opportunity. If reinforcement of the water network is required to meet the demand, this could be a significant project and the design and construction period should be accounted for.

To discuss a potential water supply or any of the water comments detailed above, the applicant can contact the team at [**DeveloperServicesWater@uuplc.co.uk**](mailto:DeveloperServicesWater@uuplc.co.uk).

Please note, all internal pipework must comply with current Water Supply (water fittings) Regulations 1999.

General comments

Where United Utilities' assets exist, the level of cover to the water mains and public sewers must not be compromised either during or after construction.

It is the applicant's responsibility to demonstrate the exact relationship between any United Utilities' assets and the proposed development.

A number of providers offer a paid for mapping service including United Utilities. To find out how to purchase a sewer and water plan from United Utilities, please visit the Property Searches website; <https://www.unitedutilities.com/property-searches/>.

You can also view the plans for free. To make an appointment to view our sewer records at your local authority please contact them direct, alternatively if you wish to view the water and the sewer records at our Lingley Mere offices based in Warrington please ring [0370 751 0101](tel:03707510101) to book an appointment.

Due to the public sewer transfer in 2011, not all sewers are currently shown on the statutory sewer records and we do not always show private pipes on our plans. If a sewer is discovered during construction; please contact a Building Control Body to discuss the matter further.

Should this planning application be approved the applicant should contact United Utilities regarding a potential water supply or connection to public sewers. Additional information is available on our website <http://www.unitedutilities.com/builders-developers.aspx>.

Yours faithfully

Tracy Churchman
United Utilities
Developer Services and Metering