

Cumberland Council
Copeland
By email

Your ref: 4/23/2129/OF1

Our ref: DC/23/1607

Date: 22-JUN-23

Dear Planning Team

Location: CHURCHSIDE, 1 CRICKETERS VIEW, CLEATOR.

Proposal: FOUR BEDROOM DETACHED BUNGALOW AND GARAGE.

United Utilities wish to make the following comments regarding the proposal detailed above.

REQUEST FOR FURTHER INFORMATION - PUMPING STATION

We wish to express our concern at the proposed location of the new dwelling in close proximity to the location of the existing pumping station. The proposed dwelling appears to be located directly adjacent to the existing pumping station, which does not currently meet the standards of Sewers for Adoption, which include a requirement for a 10m minimum distance between the wet well for the existing pumping station and the nearest habitable building as a minimum of 7 dwellings will be served by this pumping station. The location of the wet well is not clear from the submitted plans.

We recommend that the applicant submits further details to the Local Planning Authority (LPA) confirming the exact size and nature of the pumping station and the location of the wet well in relation to the proposed dwelling to establish whether the appropriate offset distance can be achieved. We recommend the LPA consult United Utilities on receipt of these details via Planning.Liaison@uuplc.co.uk

UNITED UTILITIES WASTEWATER TREATMENT WORKS – ODOUR

We have reviewed the application submission and note that the application site is located adjacent to Cleator Wastewater Treatment Works (WwTW). United Utilities has concerns about the location of new receptors close to an operational wastewater treatment works, in particular, the inlet of the WwTW. Aside from odour, wastewater treatment works can emit noise and

attract flies which could impact on the amenity of the new residents. It is important that the applicant understands these concerns and the need for appropriate assessment.

Upon review of the details requested above in relation to the pumping station, United Utilities may request that the applicant completes a detailed Odour Impact Assessment (OIA) using modelling software (either ADMS or AERMOD) due to the location and type of sensitive receptor (i.e. residential) being proposed in close proximity to the operational WwTW. Modelling methodology should comply with Environment Agency guidance and industry best practice such as IAQM Guidance on the Assessment of Odour for Planning (2018 V1.1).

We would be happy to liaise with the applicant to agree the modelling methodology and inputs which will include, but are not be limited to:

1. Process unit operations to be included
2. Emission rate selection/data gathering
3. Meteorology data set selection
4. Time varying/season emission factors
5. Geographical area covered by the assessment, use of terrain data and surface roughness selection
6. Assessment criteria/presentation of results

The modelling assessment should also be supported by “field Sniff Testing”, the scope of which can be agreed with ourselves but should follow industry best practice as detailed in IAQM - Guidance on the Assessment of Odour for Planning (2018 V1.1) and Environment Agency Guidance.

We request the opportunity to consider this matter further once further information on the pumping station has been submitted.

DRAINAGE

Noting this is a Full application, we request that the applicant provides a detailed drainage plan, and that United Utilities has the opportunity to review and comment on this plan **PRIOR TO DETERMINATION** of this application.

Should planning permission be granted without the provision of this information we request the following condition is attached to any subsequent Decision Notice:

CONDITION

Prior to the commencement of development, details of a sustainable surface water drainage scheme and a foul water drainage scheme shall be submitted to and approved in writing by the Local Planning Authority. The drainage schemes must include:

- (i) An investigation of the hierarchy of drainage options in the National Planning Practice Guidance (or any subsequent amendment thereof). This investigation shall include***

- evidence of an assessment of ground conditions and the potential for infiltration of surface water in accordance with BRE365;*
- (ii) A restricted rate of discharge of surface water agreed with the local planning authority (if it is agreed that infiltration is discounted by the investigations);*
 - (iii) Levels of the proposed drainage systems including proposed ground and finished floor levels in AOD;*
 - (iv) Incorporate mitigation measures to manage the risk of sewer surcharge where applicable; and*
 - (v) Foul and surface water shall drain on separate systems.*

The approved schemes shall also be in accordance with the Non-Statutory Technical Standards for Sustainable Drainage Systems (March 2015) or any subsequent replacement national standards.

Prior to occupation of the proposed development, the drainage schemes shall be completed in accordance with the approved details and retained thereafter for the lifetime of the development.

Reason: To promote sustainable development, secure proper drainage and to manage the risk of flooding and pollution.

Please note, United Utilities is 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).

If the applicant intends to offer wastewater assets forward for adoption by United Utilities, their proposed detailed design will be subject to a technical appraisal by our Developer Services team and must meet the requirements outlined in 'Sewerage Sector Guidance Appendix C – Design and Construction Guidance v2-2' dated 29 June 2022 or any subsequent iteration. This is important as drainage design can be a key determining factor of site levels and layout.

Acceptance of a drainage strategy does not infer that a detailed drainage design will meet the requirements for a successful adoption application. We strongly recommend that no construction commences until the detailed drainage design, has been assessed and accepted in writing by United Utilities. Any work carried out prior to the technical assessment being approved is done entirely at the developer's own risk and could be subject to change.

The applicant can discuss their drainage proposals with an Engineer from our Developer Services team by email at SewerAdoptions@uuplc.co.uk . Alternative ways to contact the team are detailed in the 'Contacts' section below.

Management and Maintenance of Sustainable Drainage Systems

Without effective management and maintenance, sustainable drainage systems can fail or become ineffective. 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 any subsequent Decision Notice regarding a management and maintenance regime for any sustainable drainage system that is included as part of the proposed development. The following may be a useful example.

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 management and maintenance of an asset that is owned by a third party management and maintenance company and we would not be involved in the discharge of the management and maintenance condition in these circumstances.

UNITED UTILITIES PROPERTY, ASSETS AND INFRASTRUCTURE

Where United Utilities' assets cross the proposed red line boundary, developers must contact our Developer Services team prior to commencing any works on site, including trial holes, groundworks or demolition. Please see 'Contacts' section below.

Water pipelines

United Utilities will not allow building over or in close proximity to a water main.

Wastewater pipelines

United Utilities will not allow a new building to be erected over or in close proximity to a public sewer or any other wastewater pipeline. This will only be reviewed in exceptional circumstances. *Nb. Proposals to extend domestic properties either above, or in close proximity to a public sewer will be reviewed on a case by case basis by either by a building control professional or following a direct application to United Utilities (see our website for further details).*

Important information regarding water and wastewater pipelines and apparatus

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

A number of providers offer a paid for mapping service, including United Utilities (see 'Contacts' section below). The position of the underground apparatus shown on water and wastewater asset maps is approximate only and is given in accordance with the best information currently available. Therefore, we strongly recommend the applicant, or any future developer, does not rely solely on the asset maps to inform decisions relating to the detail of their site and instead investigates the precise location of any underground pipelines and apparatus. Where additional information is requested to enable an assessment of the proximity of proposed development features to United Utilities assets, the proven location of pipelines should be confirmed by site survey; an extract of asset maps will not suffice. The applicant should seek advice from our Developer Services team on this matter. See 'Contacts' Section below. United Utilities Water will not accept liability for any loss or damage caused by the actual position of our assets and infrastructure being different from those shown on asset maps.

Developer's should investigate the existence and the precise location of water and wastewater pipelines as soon as possible as this could significantly impact the preferred site layout and/or diversion of the asset(s) may be required. Unless there is specific provision within the title of the property or an associated easement, any necessary disconnection or diversion of assets to accommodate development, will be at the applicant/developer's expense. In some circumstances, usually related to the size and nature of the assets impacted by proposals, developers may discover the cost of diversion is prohibitive in the context of their development scheme.

Any agreement to divert our underground assets will be subject to a diversion application, made directly to United Utilities. This is a separate matter to the determination of a planning application. We will not guarantee, or infer acceptance of, a proposed diversion through the planning process (where diversion is indicated on submitted plans). In the event that an application to divert or abandon underground assets is submitted to United Utilities and subsequently rejected (either before or after the determination of a planning application), applicants should be aware that they may need to amend their proposed layout to accommodate United Utilities' assets.

Where United Utilities' assets exist, the level of cover to United Utilities pipelines and apparatus must not be compromised either during or after construction and there should be no additional load bearing capacity on pipelines without prior agreement from United Utilities. This would include sustainable drainage features, earth movement and the transport and position of construction equipment and vehicles.

Any construction activities in the vicinity of United Utilities' assets, including any assets or infrastructure that may be located outside the applicant's red line boundary, must comply with national building and construction standards and where applicable, our 'Standard Conditions for Works Adjacent to Pipelines', a copy of which is available on our website. The applicant, and/or any subsequent developer should note that our 'Standard Conditions' guidance applies to any design and construction activities in close proximity to water pipelines and apparatus that are no longer in service, as well as pipelines and apparatus that are currently operational.

It is the applicant's responsibility to ensure that United Utilities' required access is provided within any proposed layout and that our infrastructure is appropriately protected. The developer would be liable for the cost of any damage to United Utilities' assets resulting from their activity.

WATER AND WASTEWATER SERVICES

If the applicant intends to receive water and/or wastewater services from United Utilities they should visit our website or contact the Developer Services team for advice at the earliest opportunity. This includes seeking confirmation of the required metering arrangements for the proposed development. See 'Contacts' Section below.

If the proposed development site benefits from existing water and wastewater connections, the applicant should not assume that the connection(s) will be suitable for the new proposal or that any existing metering arrangements will suffice. In addition, if reinforcement of the water network is required to meet potential demand, this could be a significant project and the design and construction period should be accounted for.

In some circumstances we may require a compulsory meter is fitted. For detailed guidance on whether the development will require a compulsory meter please visit <https://www.unitedutilities.com/my-account/your-bill/our-household-charges-20212022/> and go to section 7.7 for compulsory metering.

To promote sustainable development United Utilities offers a reduction in infrastructure charges for applicant's delivering water efficient homes and draining surface water sustainably (criteria applies). For further information, we strongly recommend the applicant visits our website when considering any water or wastewater design <https://www.unitedutilities.com/builders-developers/your-development/planning/building-sustainable-homes/>

Business customers can find additional information on our sustainable drainage incentive scheme at <https://www.unitedutilities.com/Business-services/retailers/incentive-schemes/>

To avoid any unnecessary costs and delays being incurred by the applicant or any subsequent developer, we strongly recommend the applicant seeks advice regarding water and wastewater services, and metering arrangements, at the earliest opportunity. Please see 'Contacts' Section below.

CONTACTS

Website

For detailed guidance on water and wastewater services, including application forms and the opportunity to talk to the Developer Services team using the 'Live Chat' function, please visit:

<http://www.unitedutilities.com/builders-developers.aspx>

Email

For advice on water and wastewater services or to discuss proposals near to pipelines, email the Developer Services team as follows:

Water mains and water supply, including metering - DeveloperServicesWater@uuplc.co.uk

Public sewers and drainage - SewerAdoptions@uuplc.co.uk

Telephone - 0345 072 6067

Property Searches (for asset maps):

A number of providers offer a paid for mapping service including United Utilities. For more information, or to purchase a sewer and water plan from United Utilities, please visit <https://www.unitedutilities.com/property-searches/>

Water and sewer records can be viewed for free at our Warrington Head Office by calling 0370 751 0101. Appointments must be made in advance. Public sewer records can be viewed at local authority offices. Arrangements should be made directly with the local authority.

We request that a copy of this letter is made available to the applicant.

Yours faithfully

The Planning, Landscape and Ecology Team