SECTION '2' – Applications meriting special consideration

Application No	o: 16/05881/FULL1	Ward: Crystal Palace
Address :	4 Pleydell Avenue Anerley London SE19 2LP	
OS Grid Ref:	E: 533883 N: 170454	
Applicant :	Mr Tom Gidley	Objections : YES
Description of Description (

Description of Development:

Construction of 2/3 storey 3-bed end of terraced dwelling

Key designations:

Biggin Hill Safeguarding Birds Biggin Hill Safeguarding Area London City Airport Safeguarding Smoke Control SCA 6

Proposal

Planning permission is sought for the construction of a 2/3 storey 3-bed end of terraced dwelling.

The new dwelling would be located in the side garden of No. 4 Pleydell Avenue and would have a pitched roof to a maximum height of 9.15m (as viewed from the front), 5.1m wide and a maximum depth of 12.5m. The new dwelling would create a contemporary end-of-terrace dwelling taking architectural references from the adjacent Edwardian terrace including the ridge line, projecting front bay and L shaped first floor form.

Location:

The application site is located on the north-western side of Pleydell Avenue approximately 300m south from Crystal Palace.

The site does not lie within a Conservation Area and is not a Listed Building. The surrounding area is mainly residential in nature.

The area is mixed in character with terraced dwellings and flats in the surrounding area.

Consultations

Nearby owners/occupiers were notified of the application and representations were received which can be summarised as follows:

- Loss of privacy;
- Loss of light;
- Concern as some of the neighbouring properties are single aspect and the development would impact on light;
- Overshadowing to communal gardens and patio areas;
- Concern over Japanese Knotweed at the development site;
- The design is not in keeping with the area;
- The development is contrary to policy as would result in loss of a garden and a textbook case of garden grabbing;
- Loss of a view;
- Development is out of scale and imposing;
- Concern over the increasing in parking
- Concern over the traffic implications regarding the construction of the new house;
- There has never been a house on this site;
- Consider the design to be well thought -through in its design and would fit well within the street-scape.

Together with the above comments received images showing the sun-path from objectors windows, existing photographs of the objectors flats from the communal garden, photomontage showing the development in relations to the loss of the skyline and night time photographs showing the exiting shadow cast by No. 4 Pleydell Avenue were received. Full copies are located on the planning file.

Please note that the above is a summary of the objections received and full text are available upon request and within the planning application file.

Highways:

Further to the recent survey carried out which indicts that there are on-street parking spaces available for additional demand during the hours of maximum residential parking demand. Also the area has a moderate PTAL rate. Therefore no objections are raised to the application subject to conditions regarding cycle parking as contained within this report.

Environmental Health: Housing

Environmental Health Housing stated that the applicant is advised to have regard to the Housing Act 2004 Part 1 - Housing Health and Safety Rating System (HHSRS).

With regards to the new development on neighbouring occupiers it is noted that the proposed new property's flank elevation will be 14.5m away from the nearest external wall of the existing low rise block of flats. The existing end-of-terrace house number 4 has a flank elevation which is 19.6m away from the nearest external wall of the existing low rise block of flats.

As such it is considered that there will be no issue with natural light as the new flank elevation will be more than 3m away. The view and outlook from the flats' windows which look out on the new flank elevation will not be affected at a distance of 14.5m. Therefore it is concluded that there is no significant impact on the occupiers of the neighbouring properties given the above.

Environmental Health: Pollution

No objections raised.

Planning Considerations

The application falls to be determined in accordance with the following policies: National Planning Policy Framework (NPPF) (2012):

The NPPF confirms that applications for planning permission must be determined in accordance with the development plan, unless material considerations indicate otherwise.

Chapter 6 - Delivering a wider choice of high quality homes

Chapter 7 - Requiring Good Design

London Plan (2015):

- 3.3 Increasing Housing Supply
- 3.4 Optimising Housing Potential
- 3.5 Quality and Design of Housing Developments
- 3.8 Housing Choice
- 3.9 Mixed and Balanced Communities
- 5.1 Climate change mitigation
- 5.2 Minimising Carbon Dioxide Emissions
- 5.3 Sustainable Design and Construction
- 5.7 Renewable Energy
- 5.9 Overheating and cooling
- 5.10 Urban Greening
- 5.11 Green Roofs and Development Site Environs
- 5.12 Flood Risk Management
- 5.13 Sustainable Drainage
- 5.14 Water quality and wastewater Infrastructure
- 5.15 Water use and supplies
- 5.16 Waste self-sufficiency
- 5.17 Waste capacity
- 5.18 Construction, excavation and demolition waste
- 6.5 Funding Crossrail and other strategically important transport infrastructure
- 6.9 Cycling
- 6.12 Road Network Capacity
- 6.13 Parking
- 7.1 Lifetime Neighbourhoods
- 7.2 An Inclusive Environment
- 7.3 Designing Out Crime
- 7.4 Local Character
- 7.5 Public Realm
- 7.14 Improving Air Quality

7.15 Reducing and Managing Noise, Improving and Enhancing the Acoustic Environment and Promoting Appropriate Soundscapes.

- 7.19 Biodiversity and Access to Nature
- 8.3 Community Infrastructure Levy

Housing: Supplementary Planning Guidance. (March 2016)

Technical housing standards - Nationally Described Space Standard (March 2015)

Unitary Development Plan (2006):

- BE1 Design of New Development
- BE7 Railings, Boundary Walls and Other Means of Enclosure
- H1 Housing Supply
- H7 Housing Density and Design
- H9 Side Space
- NE7 Development and Trees
- T3 Parking
- T18 Road Safety

Supplementary Planning Guidance 1: General Design Principles Supplementary Planning Guidance 2: Residential Design Guidance

Draft Local Plan (2016):

The Council is preparing a Local Plan and commenced a period of consultation on its proposed submission draft of the Local Plan on November 14th 2016 which closed on December 31st 2016 (under The Town and Country Planning (Local Planning) (England) Regulations 2012 as amended). It is anticipated that the draft Local Plan will be submitted to the Secretary of State in mid-2017. These documents are a material consideration. The weight attached to the draft policies increases as the Local Plan process advances.

Draft Policy 1 Housing Supply Draft Policy 4 Housing Design Daft Policy 37 General Design of Development Draft Policy 30 Parking Draft Policy 32 Road Safety

Planning History

There is none for this site.

Conclusions

It is considered the planning issues and considerations relate to:

- Principle of development and density;
- Design and scale;
- Neighbouring amenity;
- Standard of accommodation;
- Car parking and access;

- Cycle parking;
- Refuse;
- Trees;
- Sustainability and energy; and
- Community Infrastructure Levy

Principle of development and density

National, regional and local plan policies promote redevelopment of brownfield sites and optimising site potentials. There is however no presumption in favour of development sites created from rear gardens of residential houses. In this respect, policy 3.5 of the London Plan (2015) states that housing developments should be of the highest quality internally, externally and in relation to their context. Section 6 of the National Planning policy Framework (NPPF) requires that the design of new housing significantly enhances its immediate setting and should be sensitive to the defining characteristics of the local area. Section 7 further states that permission should be refused where a development fails to improve the character and quality of an area. Policy H7 of the Unitary Development Plan (UDP) clearly outlines the Council's policies for new housing.

Supplementary Planning Guidance No. 2 (Residential Design Guidance) states "local context is of particular importance when adding new buildings to established areas. Building lines, spaces between buildings, means of enclosure and the use and location of garden or amenity space should all respect the character of the locality".

Policy H7 seeks to prevent unacceptable residential developments on backland and infill sites and will be expected to meet all of the following criteria:

(i) the development complies with the density ranges set out in the density/ location matrix at Table 4.2 below;

(ii) in the interest of creating mixed and balanced communities, the development provides a mix of housing types and sizes, or provides house types to address a local shortage;

(iii) the site layout, buildings and space about buildings are designed to a high quality and recognise as well as complement the qualities of the surrounding areas;

(iv) adequate private or communal amenity spaces are provided to serve the needs of the particular occupants;

(v) off street parking is provided at levels no more than set out in the Table at Appendix II. These are maximum parking standards. A higher provision will be acceptable only where it can be demonstrated that complying with the maximum standards would not be in the interest of the safety of highway users, or where additional parking is required to meet the needs of particular users, such as those with disabilities;

(vi) the layout is designed to give priority to pedestrians and cyclists over the movement and parking of vehicles; and

(vii) security and crime prevention measures are included in the design and layout of buildings and public areas.

This is supported in London Plan Policies 3.4 and 3.5.

The application site fronts onto Pleydell Avenue and this would form the basis of its character reference for the proposal in terms of plot sizes and built pattern of development. Plots in the area are predominantly rectangular in shape with small front and rear gardens. The proposed development proposes the construction of a new 3-bed end of terraced dwelling to the south-west of No. 4 Pleydell Avenue, the area is characterised by terraced and converted units into flats, the width of the terraced plots range from 4-5m. The new house would have a plot width of 5.1m which is similar to the other terraced units in the area and as such the proposal would fit into the established pattern and would not appear shoe horned into the built environment to the detriment of the areas character.

The site has a public transport accessibility level (PTAL) of 4 on a scale where 1 is poor and 6 is excellent. In terms of density Table 3.2 of the London Plan (LP) and Policy H7 of the UDP provide a density matrix and states for urban areas with a PTAL of 4-6 the London Plan and UDP the density level should be between 200-700 hr/ha. (LP Urban - 200-700 hr/ha UDP Urban - 200-450 hr/ha). The density level at this site is proposed to be 490hr/ha. Whilst this density is within the ranges set out above, density is only one aspect of applications acceptability.

The site is currently developed for a less dense residential use. Therefore in this location the Council will consider residential replacement development provided that it is designed to complement the character of surrounding developments, the design and layout make suitable residential accommodation, and it provides for garden and amenity space. Any adverse impact on neighbouring amenity, conservation and historic issues, biodiversity or open space will need to be addressed. Therefore, the provision of the new dwellings on the land is acceptable in principle subject to an assessment of the impact of the proposal on the appearance/character of the surrounding area, the residential amenity of adjoining and future residential occupiers of the scheme, car parking and traffic implications, sustainable design and energy, community safety and refuse arrangements. As such it is considered that the principle of development can be accepted as the development is in compliance with Policies 3.4 and 3.5 of the London Plan and Policies H1 and H7 of the UDP.

Design and Scale

London Plan Policy 7.4 requires developments to have regard to the form, function, and structure of an area, place or street and the scale, mass and orientation of surrounding buildings. Policy 7.6 also relates to architecture and how buildings should be of the highest architectural quality, be of a proportion, composition, scale and orientation that enhances, activates and appropriately defines the public realm and comprise details and materials that complement, not necessarily replicate, the local architectural character.

Policy BE1 requires a high standard of design in new development and the scale and form of new residential development to be in keeping with the surrounding area, and the privacy and amenities of adjoining occupiers to be adequately safeguarded. Policy H9 states that when considering applications for new residential development, including extensions, the Council will normally require the following:

(i) for a proposal of two or more storeys in height, a minimum 1 metre space from the side boundary of the site should be retained for the full height and length of the flank wall of the building; or

(ii) where higher standards of separation already exist within residential areas, proposals will be expected to provide a more generous side space. This will be the case on some corner properties.

The Council considers that the retention of space around residential buildings is essential to ensure adequate separation and to safeguard the privacy and amenity of adjoining residents. It is important to prevent a cramped appearance and unrelated terracing from occurring. It is also necessary to protect the high spatial standards and level of visual amenity which characterise many of the Borough's residential areas. Proposals for the replacement of existing buildings will be considered on their merits.

The Council will normally expect the design of residential extensions to blend with the style and materials of the main building. Where possible, the extension should incorporate a pitched roof and include a sympathetic roof design and materials.

The proposed new house would be located immediately adjacent to the northern boundary. Whilst the proposal would not provide a "minimum 1 metre space from the side boundary of the site should be retained for the full height and length of the flank wall of the building" the proposal would not result in a terracing effect given that the new house is on the corner it dose not conflict with the reason for the policy and as such is compatible.

The proposed end of terraced house is designed to be a continuation of the existing terrace, however with a modern interpretation of the original terrace. The new house is shown to have a pitched roof to a maximum height of ~9.15m as viewed from Pleydell Avenue (~7.9m when viewed from the rear garden), the design of the new house and newly formed terrace are seen within the borough, the neighbouring properties are a mix of architectural styles and whilst the new property would be modern in design compared to the existing terrace it is considered that on balance it would not appear alien to the established layout, pattern and distinctive character and appearance of dwellings in the area.

Therefore, it is considered the proposed development would comply with Policy 7.6 of the London Plan and Policy BE1 of the UDP in that the dwelling does have proportion, composition and scale that enhances, activates and appropriately defines the public realm. The proposal would have regard to the form, function, and structure of the surrounding area and would not provide a positive relationship between the proposed and existing urban context.

Neighbouring Amenity

Policy BE1(v) of the UDP that new development will only be permitted where it can be demonstrated that the proposal does not cause an unacceptable loss of amenity to adjacent occupiers by reducing the amount of daylight, sunlight or privacy they enjoy or result in an un-neighbourly sense of enclosure. This is supported by Policy 7.6 of the London Plan.

The proposed new house would be located to the south-west of No. 4 Plydell Avenue and to the north-east of 49-51 Palace Square.

Concern has been raised from the residents in Palace Square regarding loss of light. A shadow study has been produced which shows the new development would not have any impact on neighbouring properties in terms of loss of light. The new dwelling would be located approximately 14.4m and whilst it is appreciated that some of the units in 49-51 Palace Square are single aspect facing towards the new development on balace given the location of the new house it is considered that this increase would not result in a significant loss of amenity in terms of light and increased sense of enclosure to any neighbouring property.

In terms of outlook, the fenestration arrangement will provide front and rear outlook for the new house overlooking the rear amenity space and street. The outlook from windows from the proposed property is considered to maintain a suitable level of privacy at the intended distances to existing neighbouring property. There is one flank window proposed, this is at first floor level and serves the bathroom. To ensure that there is no loss of privacy this window can be conditioned to be obscure glazed and fixed shut, it is also considered that the provision of the windows would add some visual interest on this otherwise blank elevation.

Standard of accommodation

Policy 3.5 of the London Plan and the Housing SPG (2016) states the minimum internal floorspace required for residential units on the basis of the level of occupancy that could be reasonably expected within each unit should comply with Nationally Described Housing Standards (2015). In addition, consideration needs to be given to Policies 3.8 and 7.2 of the London Plan.

The floor space size for the new unit would be 136m2. The nationally described space standard requires a minimum of 108m² for a 3-storey six person three bedroomed unit. On this basis, the floorspace provision for the unit is above the required standards and is similar to the adjoining properties and is therefore considered acceptable.

The shape and room sizes in the proposed building are considered satisfactory. None of the rooms would have a particularly convoluted shape which would limit their specific use.

The proposed amenity space would be be 37m2 which includes the front and rear space. The rear space would be accessed from the ground floor and measure 26.88m2 (~5.6m x ~4.8m) which on balance is considered to be acceptable for a unit of this size in this location.

Car Parking and Access

London Plan Policy 6.13 requires the maximum standards for car parking, which is supported by Policy T3 of the UDP. The proposed development would not provide any off-street parking.

The Council's Highway Officer has reviewed the current application and has not raised objections to the proposal given the sites accessibility level and the availability of on-street parking in the area.

Cycle parking

London Plan requires two cycle spaces per dwelling, no details of any lockable storage has been provided, however subject to further details required in a condition no objection is raised in this regard.

<u>Refuse</u>

All new developments shall have adequate facilities for refuse and recycling. The applicant has provided details of refuse storage. Further details regarding a containment structure can be conditioned as necessary.

Trees and landscaping

An indicative landscaping layout has been submitted as shown on the proposed site plan drawing that details the areas given over to garden for external amenity for future occupiers.

Sustainability and Energy

Policy 5.3 Sustainable Design and Construction of the London Plan states that the highest standards of sustainable design and construction should be achieved in London to improve the environmental performance of new developments and to adapt to the effects of climate change over their lifetime. Policy 5.2 Minimising Carbon Dioxide Emissions of the London Plan states that development should make the fullest contribution to minimising carbon dioxide emissions in accordance with the hierarchy; Be Lean: use less energy; Be clean: supply energy efficiently and Be green: use renewable energy.

The applicant has submitted a number of criteria to achieve a sustainable development listed in the Design and Access Statement which outlines that it will be possible for the development to meet these objectives.

Community Infrastructure Levy

The Mayor of London's CIL is a material consideration. CIL is payable on this application and the applicant will be required to completed the relevant form.

Conclusion

Having had regard to the above, Members are asked to consider if the proposed construction of 2-bed end-of-terrace dwelling is acceptable as detailed in the report. It is considered that the development has been carefully and sympathetically designed to ensure that the proposal would not result in amenity implications that would harm the quality of life of existing surrounding.

Accordingly, and taking all the above into account, it is recommended that planning permission be granted in line with the conditions contained within this report.

Background papers referred to during production of this report comprise all correspondence on the file ref: 16/05881/FULL1 set out in the Planning History section above, excluding exempt information.

RECOMMENDATION: PERMISSION

Subject to the following conditions:

- 1 The development to which this permission relates must be begun not later than the expiration of 3 years, beginning with the date of this decision notice.
- Reason: Section 91, Town and Country Planning Act 1990.
- 2 The development hereby permitted shall not be carried out otherwise than in complete accordance with the plans approved under this planning permission unless previously agreed in writing by the Local Planning Authority.
- Reason: In order to comply with Policy BE1 of the Unitary Development Plan and in the interest of the visual and residential amenities of the area.
- 3 Details of all external materials, including roof cladding, wall facing materials and cladding, window glass, door and window frames, decorative features, rainwater goods and paving where appropriate, shall be submitted to and approved in writing by the Local Planning Authority before any work is commenced. The development shall be carried out in accordance with the approved details.
- Reason: In order to comply with Policy BE1 of the Unitary Development Plan and in the interest of the appearance of the building and the visual amenities of the area.
- 4 Before any part of the development hereby permitted is first occupied boundary enclosures of a height and type to be approved in writing by the Local Planning Authority shall be erected in such positions along the boundaries of the site(s) as shall be approved and shall be permanently retained thereafter.
- Reason: In order to comply with Policy BE1 of the Unitary Development Plan and in the interest of visual amenity and the amenities of adjacent properties.
- 5 Details of the proposed slab levels of the building(s) and the existing site levels shall be submitted to and approved in writing by the Local Planning

Authority before work commences and the development shall be completed strictly in accordance with the approved levels.

- Reason: In order to comply with Policy BE1 of the Unitary Development Plan and in the interest of the visual and residential amenities of the area.
- 6 Surface water from private land shall not discharge on to the highway. Details of the drainage system for surface water drainage to prevent the discharge of surface water from private land on to the highway shall be submitted to and approved in writing by the Local Planning Authority prior to commencement of works. Before any part of the development hereby permitted is first occupied, the drainage system shall be completed in accordance with the approved details and shall be retained permanently thereafter.
- Reason: To ensure a satisfactory means of surface water drainage and to accord with Policy 5.16 of the London Plan.
- 7 Details of arrangements for storage of refuse and recyclable materials (including means of enclosure for the area concerned where necessary) shall be submitted to and approved in writing by the Local Planning Authority before any part of the development hereby permitted is commenced and the approved arrangements shall be completed before any part of the development hereby permitted is first occupied, and permanently retained thereafter.
- Reason: In order to comply with Policy BE1 of the Unitary Development Plan and in order to provide adequate refuse storage facilities in a location which is acceptable from the residential and visual amenity aspects.
- 8 Prior to the commencement of the development hereby permitted a Construction Management Plan shall be submitted to and approved in writing by the Local Planning Authority. The Plan shall include measures of how construction traffic can access the site safely and how potential traffic conflicts can be minimised; the route construction traffic shall follow for arriving at and leaving the site and the hours of operation, but shall not be limited to these. The Construction Management Plan shall be implemented in accordance with the agreed timescale and details.
- Reason: In order to comply with Policy T5, T6, T7, T15, T16 & T18 of the Unitary Development Plan and in the interest of the amenities of the adjacent properties.
- 9 Before any part of the development hereby permitted is first occupied, bicycle parking (including covered storage facilities where appropriate) shall be provided at the site in accordance with details to be submitted to and approved in writing by the Local Planning Authority, and the bicycle parking/storage facilities shall be permanently retained thereafter.
- Reason: In order to comply with Policy T7 of the Unitary Development Plan and Policy 6.9 of the London Plan and in order to provide adequate bicycle parking facilities at the site in the interest of reducing reliance on private car transport.

- 10 Notwithstanding the provisions of the Town and Country Planning (General Permitted Development) Order 2015 (or any Order amending, revoking and re-enacting this Order) no building, structure or alteration permitted by Class A, B, C, or E of Part 1 of Schedule 2 of the 2015 Order (as amended), shall be erected or made within the curtilage(s) of the dwelling(s) hereby permitted without the prior approval in writing of the Local Planning Authority.
- Reason: In order that, in view of the nature of the development hereby permitted, the local planning authority may have the opportunity of assessing the impact of any further development and to comply with Policy BE1 of the Unitary Development Plan.
- 11 No windows or doors shall at any time be inserted in the first or second floor south-western elevation of the development hereby permitted, without the prior approval in writing of the Local Planning Authority.

Reason: In order to comply with Policy BE1 of the Unitary Development Plan and in the interest of the amenities of the adjacent properties.

- 12 The development hereby permitted shall be built in accordance with the criteria set out in Building Regulations M4(2) 'accessible and adaptable dwellings' and shall be permanently retained thereafter.
- Reason: To comply with Policy 3.8 of the London Plan 2015 and the Mayors Housing Supplementary Planning Guidance 2016 and to ensure that the development provides a high standard of accommodation in the interests of the amenities of future occupants.

You are further informed that :

- 1 The applicant is advised that any works associated with the implementation of this permission (including the demolition of any existing buildings or structures) will constitute commencement of development. Further, all pre commencement conditions attached to this permission must be discharged, by way of a written approval in the form of an application to the Planning Authority, before any such works of demolition take place.
- 2 You should consult the Land Charges and Street Naming/Numbering Section at the Civic Centre on 020 8313 4742 or e-mail: address.management@bromley.gov.uk regarding Street Naming and Numbering. Fees and application forms are available on the Council's website at www.bromley.gov.uk
- 3 You are advised that this application may be liable for the payment of the Mayoral Community Infrastructure Levy under the Community Infrastructure Levy Regulations (2010) and the Planning Act 2008. The London Borough of Bromley is the Collecting Authority for the Mayor and this Levy is payable on the commencement of development (defined in Part 2, para 7 of the Community Infrastructure Levy Regulations (2010). It is the responsibility of the owner and /or person(s) who have a material interest in the relevant land to pay the Levy (defined under Part 2, para 4(2) of the Community Infrastructure Levy Regulations (2010).

If you fail to follow the payment procedure, the collecting authority may impose surcharges on this liability, take enforcement action, serve a stop notice to prohibit further development on the site and/or take action to recover the debt.

Further information about Community Infrastructure Levy can be found on attached information note and the Bromley website www.bromley.gov.uk/CIL

- 4 Conditions imposed on this planning permission require compliance with Part M4 of the Building Regulations. The developer is required to notify Building Control or their Approved Inspector of the requirements of these conditions prior to the commencement of development.
- 5 Before works commence, the Applicant is advised to contact the Pollution Team of Environmental Health & Trading Standards regarding compliance with the Control of Pollution Act 1974 and/or the Environmental Protection Act 1990. The Applicant should also ensure compliance with the Control of Pollution and Noise from Demolition and Construction Sites Code of Practice 2008 which is available on the Bromley web site.
- 6 Before demolition commences, the Applicant is advised to have a full predemolition survey carried out to identify any asbestos containing products which may be in the building, and then contact the Health & Safety Executive to ensure compliance with all relevant legislation. The Applicant should ensure compliance with the Control of Asbestos Regulations 2012 and the Health and Safety at Work Act 1974 in relation to the safe removal of any asbestos on site prior to demolition.
- 7 If during the works on site any suspected contamination is encountered, Environmental Health should be contacted immediately. The contamination shall be fully assessed and an appropriate remediation scheme submitted to the Local Authority for approval in writing.
- 8 It is the responsibility of a developer to make proper provision for drainage to ground, water courses or a suitable sewer. In respect of surface water it is recommended that the applicant should ensure that storm flows are attenuated or regulated into the receiving public network through on or off site storage. When it is proposed to connect to a combined public sewer, the site drainage should be separate and combined at the final manhole nearest the boundary. Connections are not permitted for the removal of groundwater. Where the developer proposes to discharge to a public sewer, prior approval from Thames Water Developer Services will be required. They can be contacted on 0800 009 3921. Reason - to ensure that the surface water discharge from the site shall not be detrimental to the existing sewerage system.
- 9 Thames Water will aim to provide customers with a minimum pressure of 10m head (approx 1 bar) and a flow rate of 9 litres/minute at the point where it leaves Thames Waters pipes. The developer should take account of this minimum pressure in the design of the proposed development.