

SUPPLEMENTARY INFORMATION

HAVANT BOROUGH
COUNCIL

17 SEP 2015

RECEIVED

1. Site Details

Site Name:	Fishery Lane Pumping Station	Site Address:	EXISTING MONOPOLE, FISHERY LANE, SOUTH HAYLING PO11 9NF
NGR:	473478 098805		
Site Ref Number:	CTIL 130542/VODAFONE 46549	Site Type: ¹	Macro

2. Pre Application Check List

Site Selection (for New Sites only)

(Would not generally apply to upgrades/alterations to existing sites)

Was an LPA mast register used to check for suitable sites by the operator or the LPA?	N/A	
If no explain why:		
Was the industry site database checked for suitable sites by the operator:	N/A	
If no explain why:		

Annual Area Wide Information to LPA

Date of last annual rollout information/submission:	October 2014
Name of Contact:	Director of Planning
Summary of outcome/Main issues raised:	Annual rollout plans may not reflect most recent site releases and upgrades

Pre-application consultation with LPA

Date of written offer of pre-application consultation:	17 th August 2015
Was there pre-application contact:	Yes
Date of pre-application contact:	7 th September 2015
Name of contact:	Daphney Haywood

¹ Macro or Micro

Summary of outcome/Main issues raised:

On 7th September, Daphney Haywood stated:

The principle of mast share is supported by both National and Local Planning Policy, and whilst the increase in height would increase the visual impact of the installation, the works would be partially screened by existing planting and would not be overly prominent. The proposed approach which avoids the need for a second mast is the preferred approach of the Council and is supported.

Ten Commitments Consultation

Rating of Site under Traffic Light Model:		Amber	
Outline Consultation carried out:			
As above, together with consultation e-mails to Ward Councillors and the local MP			
Summary of outcome/Main issues raised:			
Only feedback received was from Councillor John Perry, who approved of the principle of sharing, and further enquired as to any other extension of services across Hayling.			

School/College

Location of site in relation to school/college			
None in proximity			
Outline of consultation carried out with school/college			
N/A			
Summary of outcome/Main issues raised:			
N/A			

Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation (only required for an application for prior approval)

Will the structure be within 3km of an aerodrome or airfield?		No
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified?	N/A	

Details of response:

Developer's Notice

Copy of Developer's Notice enclosed?	Yes	
Date served:	14 th September 2015	

3. Proposed Development

The proposed site:

The scheme plans to utilise an existing installation, which is currently primarily used by Vodafone.

As part of Vodafone's and Telefónica's continued network improvement program, there is a specific requirement for a shared and improved radio base station at this location to:

- Provide significantly improved 2G and 3G services for Vodafone
- To significantly extend the coverage across all technologies for Telefonica (who are not currently at this location)
- Provide for forthcoming 4G services for both operators

Enclose map showing the cell centre and adjoining cells:

Upgrade of existing site

Type of Structure : Existing Monopole of 10m in overall height

Description:

Replacement of existing monopole with one of 15m, but which can also accommodate both users and all technologies

Overall Height: 15m

Height of existing building N/A

Equipment Housing: 1 no. additional cabinet

Length:	800mm
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Width:	1950mm
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Height:	1650mm
Materials	
Tower/mast etc - type of material and external colour:	Pole: timber effect, as per existing; Antennas will be enclosed within a GRP shroud
Equipment housing - type of material and external colour:	Steel/green

Reasons for choice of design:

There is a requirement for Vodafone and particularly Telefonica (O2) (who are not currently operating at this site) to provide improved and extended 2g and 3g coverage to the immediate area of Boston, together with the provision of 4g from both operators. This can be achieved from the site of the existing installation, and requires the replacement of the existing monopole with one of the 15m in height, but specified such that it can accommodate both users and all technologies. In addition there is a requirement to add an additional single small cabinet.

The increase in height is needed to accommodate both sets of antennas required. Most importantly, there is a need to ensure that there is no shadowing presented by the adjoining tree cover, which at present is severely restricting coverage, capacity and penetration into the surrounding area. The antennas must be placed well above local clutter in order to be effective.

As this is an existing site with existing telecommunications apparatus, the impact of the scheme is considered to be minor, while the benefits of providing extended coverage, capacity and technology to the area should be significant.

4. Technical Information

International Commission on Non-Ionizing Radiation Protection Declaration attached (see below)*	Yes	
International Commission on Non-Ionizing Radiation Protection public compliance is determined by mathematical calculation and implemented by careful location of antennas, access restrictions and/or barriers and signage as necessary. Members of the public cannot unknowingly enter areas close to the antennas where exposure may exceed the relevant guidelines.		
When determining compliance the emissions from all mobile phone network operators on or near to the site are taken into account.		
In order to minimise interference within its own network and with other radio networks, Vodafone and Telefónica UK operate their networks in such a way the radio frequency power outputs are kept to the lowest		

levels commensurate with effective service provision As part of Vodafone and Telefónica UK 's network, the radio base station that is the subject of this application will be configured to operate in this way. All operators of radio transmitters are under a legal obligation to operate those transmitters in accordance with the conditions of their licence. Operation of the transmitter in accordance with the conditions of the licence fulfils the legal obligations in respect of interference to other radio systems, other electrical equipment, instrumentation or air traffic systems. The conditions of the licence are mandated by Ofcom, an agency of national government, who are responsible for the regulation of the civilian radio spectrum. The remit of Ofcom also includes investigation and remedy of any reported significant interference. The telecommunications infrastructure the subject of this application accords with all relevant legislation and as such will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest.		
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5. Technical Justification

Enclose predictive coverage plots. e.g. to show coverage improvement. Proposals to improve capacity will not generally require coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required):
There is a requirement for Vodafone and particularly Telefonica (O2) (who are not currently operating at this site) to provide improved and extended 2g and 3g coverage to the immediate area of Boston, together with the provision of 4g from both operators. This can be achieved from the site of the existing installation, and merely requires the replacement of the existing monopole with one of 15m in height, but specified such that it can accommodate both users and all technologies. In addition there is a requirement to add an additional single small cabinet. Further detail regarding the general operation of the network can be found in the accompanying document entitled 'General Background Information for Telecommunications Development'. This information is provided to assist the local planning authority in understanding any technical constraints on the location of the proposed development.

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6. Site Selection Process - alternative sites considered and not chosen (not generally required for **upgrades/alterations to existing sites** including redevelopment of an existing site to facilitate an upgrade or sharing with another operator)

GIVEN THE PROPOSAL TO UTILISE AN EXISTING SITE AND INSTALLATION, NO OTHER ALTERNATIVE SITES WERE REALISTICALLY CONSIDERED.

Land Use Planning Designations:

None

Additional Relevant Information:

Siting:

The site of the existing 10m monopole represents an existing established telecommunications site and already accommodates telecommunications equipment for Vodafone

In this case, the replacement of the existing monopole with one of 15m in height, should have no major impact on the locality. While it is taller than the existing pole, that is essential in order to accommodate the antennas allowing use by both Vodafone and Telefonica O2. In addition, the antennas and associated support structure, are also required in order to accommodate all planned technologies. Still further, there is a need to ensure that there is no shadowing presented by the adjoining tree cover, which at present is severely restricting coverage, capacity and penetration into the surrounding area. The antennas must be placed well above local clutter in order to be effective.

We believe that these changes will have a very minor visual impact for the immediate and wider area.

Current Local and Central Government Policy seeks to encourage use of existing structures and sites for telecommunications purposes.

Visual appearance:

We would repeat again that we have carefully placed and designed the scheme to ensure the principles of good siting and appearance are adhered to. The overall impact of the installation on the environment is considered to be limited.

The current installation is located at the site of a depot/recycling yard, and thus is semi-commercial in nature. Although it is within the main built up area of Hayling, it is well screened by trees and is in a location that has been utilised for telecommunications use for some time. It is therefore well established, and lends itself to further use without any significant detriment to the local area or amenity.

Critically, although the height of the structure will increase, with very good local tree screening, and the accepted established use, we believe that the visual impact will be minor.

Policies:

National Policy

This proposal and the work undertaken prior to submission has had full and proper regard to both central Government guidance and Local Plan Policy.

As you will be aware, it is government policy to encourage sharing of structures and existing installations, as detailed within the National Planning Policy Framework. Paragraph 43 of the NPPF states:

In preparing Local Plans, local planning authorities should support the

expansion of electronic communications networks, including telecommunications and high speed broadband. They should aim to keep the numbers of radio and telecommunications masts and the sites for such installations to a minimum consistent with the efficient operation of the network. Existing masts, buildings and other structures should be used, unless the need for a new site has been justified.

In addition, on 18th March 2015, the government published it's Policy Paper 'The digital communications infrastructure strategy' (<https://www.gov.uk/government/publications/the-digital-communications-infrastructure-strategy/the-digital-communications-infrastructure-strategy#fn:2>). This makes clear the governments' commitment to ensure cutting edge, high quality and affordable wireless and fixed line connectivity across the UK.

Still further, the government have just released a consultation seeking views on how the planning system can support greater mobile connectivity in the UK, recognising the need to provide better, faster, more extensive and reliable mobile telecoms services (<https://www.gov.uk/government/consultations/how-the-planning-system-in-england-can-support-mobile-connectivity>).

Code of Best Practice (Revised July 2013)

3.2 The National Planning Policy Framework is clear that local planning authorities should not seek to prevent competition between operators or question the need for the telecommunications system. The systems tend to be demand-led or to fulfil coverage obligations. With over 82 million subscribers and the ever increasing demand for data hungry applications available to a range of connected devices, such as smart phones and tablets, the pressure on networks is constant. The requirement to upgrade and improve networks through changes to existing sites and the development of new sites is constant.

Local and Regional Plan Policy

In terms of Local Plan Policies, by virtue of Section 70 of the Town & Country Planning Act 1990 [further enshrined in section 38(6) and the Planning and Compulsory Purchase Act 2004], development should be in accordance with development plan policies, unless material considerations indicate otherwise.

The current applicable Local Plan is the Havant Borough Core Strategy March 2011

Within this, there appears to be no discernible telecommunications policy, but we note:

Policy CS2 Employment.....

Planning permission will be granted for development proposals that:...

- *Encourage smart economic growth and promote advances in information and communications technologies.*

Policy CS19 Effective Provision of Infrastructure

Development will be permitted where:....

- *It safeguards the requirements of infrastructure providers, in particular relating to....., telecommunications equipment ...*

No apparent other specific adopted policy or guidance is apparent, thus broad reliance on the provisions of the NPPF and other national guidance would seem to be appropriate..

Health & Safety

We would remind the Council that the Government has set out its clear view on the issue of health and perceived view of health risks in paragraph 46 of the new NPPF:

“Local planning authorities must determine applications on planning grounds. They should not...determine health safeguards if the proposal meets International Commission guidelines for public exposure.”

As above, and included within this application, Vodafone have confirmed this installation will be fully ICNIRP compliant.

Conclusion

Telefónica UK and Vodafone have a clear requirement for an installation to provide improved and extended network coverage, capacity and connectivity in this part of Boston. Utilising an existing site in this way is fully in accord with policy and guidance.

Telefónica UK and Vodafone consider that the proposed development strikes an appropriate balance between the technical needs of the site and the advantages that this type of technology brings, with the requirement to ensure that any impact on the appearance and character of the area is the minimum possible, in accordance with both national and local planning policy and guidance.

Contact Details

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Signed:	Alan Neale	Date:	16 th September 2015
Position:	Director	Company:	Vodafone Ltd & Telefónica UK Ltd
		(on behalf of CTIL and above operator)	