

SUPPLEMENTARY INFORMATION

1. Site Details

Site Name:	Former Dunsbury Hill Farm	Site Address:	Woolston Road, Havant PO7 8QT
NGR:	470079, 109901		
Site Ref Number:	122808 4065	Site Type: ¹	Macro

2. Pre Application Check List

Site Selection

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

Annual roll out consultation with LPA

Date of last annual rollout information/submission:	7 th October 2013
Name of Contact:	Planning Dept
Summary of outcome/Main issues raised:	

Pre-application consultation with LPA

Date of written offer of pre-application consultation:	27 th February 2014
Was there pre-application contact:	Yes
Date of pre-application contact:	20 th March 2014
Name of contact:	Mrs T Pickup
Summary of outcome/Main issues raised:	The proposal is unlikely to be so significant to cause material harm to the visual appearance of the wider area.

Ten Commitments Consultation

Rating of Site under Traffic Light Model:	Green	
Outline Consultation carried out:	Pre application consultation letter and drawings sent to Ward Councillor Ralph Cousins	
Summary of outcome/Main issues raised:	No comments received	

School/College

Schools within 500m of site:	
None	

¹ Macro or Micro



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?		
Details of response: No comments received		

Developer's Notice

Copy of Developer's Notice enclosed?	Yes	
Date served:	15/04/14	

3. Proposed Development

The site is required to provide 3G/4G Vodafone coverage in the Havant area and a section of the A3(M) between junctions 2 & 3. The replacement of the existing CU Phosco Phase 1 Monopole with a CU Phosco Phase 4.5 Monopole together with the removal and replacement of 6no. supporting antennas, installation of 1no. additional 0.3m dish and associated equipment.

Type of Structure	
Description: CU Phosco Phase 4.5 Monopole	
Overall Height: 17.4m	
Height of existing building	n/a
Equipment Housing:	
Length:	Existing
Width:	Existing
Height:	Existing
Materials	
Tower/mast etc – type of material and external colour:	Steel – grey
Equipment housing – type of material and external colour:	Existing

Reasons for choice of design:

The proposed structure is needed to provide sufficient structural support to the new antennas and dishes that are being proposed.

The overall height of the proposed structure has not increased which will limit the visual impact from ground level.

All these elements combine to result in a proposal that does not significantly impact on the visual amenity of the surrounding area.

HAVANT BOROUGH
COUNCIL

27 APR 2014

RECEIVED

4. Technical Information

ICNIRP Declaration attached ICNIRP 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 the site are taken into account.	Yes	
Frequency:	GSM 900 MHz. 2100 MHz UMTS band	
Modulation characteristics²	GMSK and QPSK	
Power output (expressed in EIRP in dBW per carrier) In order to minimise interference within its own network and with other radio networks, Vodafone Limited operates its network in such a way the radio frequency power outputs are kept to the lowest levels commensurate with effective service provision As part of Vodafone'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.	32dBW HAVANT BOROUGH COUNCIL 27 APR 2014 RECEIVED	
Height of antenna (m above ground level)	Antennas 17.4m and 1no. dish 14.3m and 1no dish 13.9m	

² The modulation method employed in GSM is GMSK (Gaussian Minimum Shift Keying) which is a form of Phase modulation

The modulation method employed in UMTS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation

5. Technical Justification

The site is required to provide 3G/4G Vodafone coverage in the Havant area and a section of the A3(M) between junctions 2 & 3. At the moment Vodafone have a 17.4m mast on site, they are proposing to swap it out with another 17.4m mast and replace the 6no. antennas and add a further 1no. 0.3 dish.

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.

6. Site Selection Process

As the site is currently has a telecommunications base station in place and already accommodates a variety of telecommunications/communications equipment, the proposal is unlikely to have a significant adverse impact on the visual amenity of the surrounding area and would preserve the setting of he locality. Consequently no alternative locations were looked at.

Additional relevant information:

I would again like to stress that we have carefully placed and designed the scheme to ensure that the principals of good siting and appearance have been adhered to. The overall impact of the installation on the environment is limited.



Siting:

The proposed installation will see Vodafone replacing the existing CU Phosco Phase 1 Monopole with a CU Phosco Phase 4.5 Monopole together with the removal and replacement of 6no. supporting antennas, installation of 1no. additional 0.3m dish and associated equipment

We have sought to limit the size of the dishes, antennas and mast as much as is technically possible which means there visual impact at ground level will be significantly limited

Visual appearance:

This site itself has been used as a telecommunications base station since its initial construction. With this proposal the utmost care has been taken to minimise further visual impact. We feel this proposal achieves this balance between environmental and technical constraints.

The antenna, dish and mast sizes have been restricted to the smallest technically possible. It should also be noted that the height of the proposed structure will minimise the visual effect the proposed scheme will have on the mast

In conclusion, this proposal best minimises the visual impact on the area whilst achieving the coverage requirements of the cell.

Access

The site will continue to require maintenance access which can be undertaken on foot by a maintenance operative. No vehicles will need to be parked on the roadside for these operations and as such no obstruction of the footway or highway will be necessary. All construction works will be undertaken in line with pre-arranged times and practices as agreed with the Council.

Consideration of alternative sites

As the site already accommodates a variety of telecommunications/communications equipment, the proposal is unlikely to have a significant adverse impact on the visual amenity of the surrounding area and would preserve the setting of the locality. Consequently no alternative locations were looked at.



PLANNING POLICY

National Planning Policy Framework (March 2012) Department for Communities & Local Government

5. Supporting high quality communications infrastructure

42. Advanced, high quality communications infrastructure is essential for sustainable economic growth. The development of high speed broadband technology and other communications networks also plays a vital role in enhancing the provision of local community facilities and services.

43. 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. Where new sites are required, equipment should be sympathetically designed and camouflaged where appropriate.

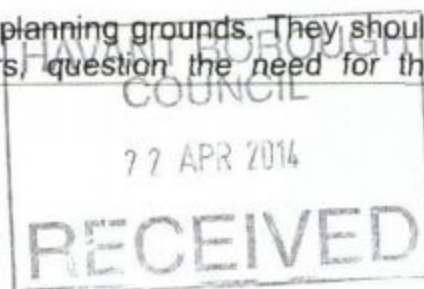
44. Local planning authorities should not impose a ban on new telecommunications development in certain areas, impose blanket Article 4 directions over a wide area or a wide range of telecommunications development or insist on minimum distances between new telecommunications development and existing development. They should ensure that:

- they have evidence to demonstrate that telecommunications infrastructure will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest; and
- They have considered the possibility of the construction of new buildings or other structures interfering with broadcast and telecommunications services.

45. Applications for telecommunications development (including for prior approval under Part 24 of the General Permitted Development Order) should be supported by the necessary evidence to justify the proposed development. This should include:

- the outcome of consultations with organisations with an interest in the proposed development, in particular with the relevant body where a mast is to be installed near a school or college or within a statutory safeguarding zone surrounding an aerodrome or technical site; and
- for an addition to an existing mast or base station, a statement that self-certifies that the cumulative exposure, when operational, will not exceed International Commission on non-ionising radiation protection guidelines; or
- for a new mast or base station, evidence that the applicant has explored the possibility of erecting antennas on an existing building, mast or other structure and a statement that self-certifies that, when operational, International Commission guidelines will be met.

46. Local planning authorities must determine applications on planning grounds. They should not seek to prevent competition between different operators, question the need for the



telecommunications system, or determine health safeguards if the proposal meets International Commission guidelines for public exposure.

SUMMARY

National planning policy as set out in The National Planning Policy Framework (NPPF) is to facilitate the growth of new and existing telecommunications systems, and operators have obligations to meet public demands for improved quality of service. This application demonstrates the technical need for the proposed installation to improve customer service. The NPPF also urges authorities to understand the technical constraints faced by telecommunications operators even in areas where development is usually subject to restraint. Whilst the NPPF also strongly encourages site sharing and this is what we have sought to do with this application... It is our view that the equipment we propose to install is "sympathetically designed" and as such meets the requirements of the NPPF. This application provides the most reasonable service acceptable to Vodafone Limited whilst ensuring that the environmental impact of the proposal is minimised. The proposal will not harm the character & appearance of the area and will be wholly visually acceptable at the application site. For the reasons set out above, we consider that this application should be approved.

Contact Details

Name: (Agent)	Oliver Adamek	Telephone:	
Operator:	Vodafone Ltd	Fax no:	
Address:	Savills, Wessex House, Wimborne Dorset, BH21 1PB	Email Address:	

Signed:		Date:	17/04/14
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Position:	Acquisition Surveyor	Company: (on behalf of above operator)	Savills
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