COPY OF PRE APPLICATION CONSULTATION LETTERS

PROPOSED BASE STATION INSTALLATION AT CELL REF: CTIL_207882_VF_95276

KLARIUS PRODUCTS LTD - TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE,

NEW HADEN ROAD,

CHEADLE,

STAFFORDSHIRE,

ST10 1UF

(NGR E: 399651 N: 342384)

CLARKE telecom

Clarke Telecom Limited
Unit E, Madison Place,
Northampton Road, Manchester,
M40 5AG, UK
www.clarke-telecom.com

T: +44 (0) 161 785 4500

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Our ref: **CTIL_207882_VF_95276**

The Chief Planning Officer
Staffordshire Moorlands District Council
Moorlands House
Stockwell Street
Leek
Staffordshire Moorlands
ST13 6HQ

COPY

3rd August 2017

Dear Sir/ Madam,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

Vodafone Limited has entered into an agreement with Telefonica UK Limited pursuant to which the two companies plan to jointly operate and manage a single network grid across the UK. These arrangements will be overseen by Cornerstone Telecommunications Infrastructure Ltd (CTIL) which is a joint venture company owned by Vodafone Limited and Telefónica UK Limited.

This agreement allows both organisations to:

- pool their basic network infrastructure, while running two, independent, nationwide networks
- maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development

Vodafone is in the process of progressing a suitable site in the Cheadle area for a radio base station. We aim to work with you to progress a proposal that is both acceptable to your authority and meets Vodafone's technical network requirements. This approach accords with Vodafone's Best Practice Commitments to ensure consultation with Local Planning Authorities and other appropriate key stakeholders.

As part of Vodafone's continued network improvement program, there is a specific requirement for a new radio base station in the Cheadle area to provide new 4G services whilst at the same time improving existing 2G and 3G coverage. Currently, the operator has little to no 4G coverage in this cell area. An installation in this location would fill the 'gap' in the existing coverage in line with local and national guidance and the Governments increasing support to enable everyone to connect to the information super highway. Having access to high quality communication infrastructure brings with it significant social and economic benefits. An installation in this location would also provide new 4G services for Telefónica in line with its 4G license requirements to provide 98% coverage by 2017. It will also enable Telefónica's existing 2G and 3G services to be improved.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

This letter therefore invites the Local Planning Authority, in accordance with planning policy guidance and Best Practice Commitments, to enter into pre-application discussions with regard to our preferred site option prior to a formal planning submission. Several steps in the site identification process have already been undertaken. The Local Planning Authority mast register and our records of other potential sites have been reviewed, the policies

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in the Development Plan have been taken into account and we have examined the inter-operator site sharing database.

Our technical network requirement is as follows:

CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

The site is required in to order to provide new 4G coverage for Vodafone and improved 2G/3G services. It will also enable Telefónica to provide a new 4G service and improved 2G/3G services within the village of Cheadle.

A number of options have been assessed in respect of the site search process and we consider the best solution is as follows:

KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

The proposals relate to the installation of new 15m monopole supporting 3no. antennas and 2no. 0.6m transmission link dishes. In addition the installation of equipment cabinets at the base of the pole, within a new palisade fence compound, plus ancillary telecommunications development thereto.

The site has been chosen in this location as it is just outside the immediate town of Cheadle. The town is located to the east whilst the area is made up of partly residential and partly industrial. Therefore options for a telecommunications installation in this cell area are limited.

The site is set well back from the main roads in and around Cheadle and there are a number of mature trees in close proximity, to the west. This mature vegetation provides good screening for the monopole and ground level equipment cabinets.

The design of the monopole is such that the supporting structure is very slim. The three antennas are proposed to be fixed to the headframe. This is the minimum number possible which will provide the operator with the necessary multi technologies on a single site. Due to the undulating topography and mature trees adjacent, 15m is at present is the lowest height possible in order for the antennas to provide the necessary multi technologies to Cheadle and the surrounding area. If the antennas and transmission dish were to be any lower in height then they would not have a clear line of sight. As such, they would not provide coverage to the target coverage area. This means that another installation would be required in this cell area, leading to the proliferation of masts contrary to national planning guidance.

A monopole with exposed headframe is the most efficient at providing 4G services and improved 2G and 3G coverage to the surrounding area. It will also reduce the amount of upgrades required in the future. If the antennas were to be shrouded in a more stealth design, they would not provide the necessary coverage at this height, and a taller mast would be required, or the cell split, requiring two radio base stations to meet the operator's coverage requirements in this area. The monopole design on private land, some distance from the main roads and residential properties, well screened by existing mature trees, is on balance, the best environmental solution.

There are no existing suitable and available installations within the operators search area which could be utilised to provide new 4G and improved 2G/3G services to this part of Cheadle and the surrounding area.
The other site options that were considered and then discounted are as follows:

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The highway at this location is not adopted, having made contact with the Site Provider they were unable to fully confirm their interest thus option discounted.

Greenfield – Spyder Site S12 589, The Green, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR E: 399742 N: 342889
A site at this location would not meet the required coverage need. Due to this technical difficulty the option was thus discounted.

Greenfield - Brookhouse Way Ind Estate, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399853 N:342727
The Site Provider owns the industrial estate however will not confirm their interest.

Greenfield - Cheadle Test Centre, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1PJ NGR E: 399811 N: 342630
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – Tungate Group Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399915 N: 342618
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Greenfield – IAE, The Green, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR: E: 399718 N: 342848
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Greenfield – Hartleys Land, New Haden Road, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR: E: 399572 N: 342653
The site provider owns a lot of land in the area however would not be interested in siting a base station at this location

Greenfield – TMC, New Haden Works, Draydon Cross Road, Stoke on Trent, Staffordshire, ST10 2NW NGR: E: 399572 N: 342419
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – Many Sites, Brookhouse Ind Estate, Draydon Cross Road, Stoke on Trent, Staffordshire, ST10 2NW – NGR: E: 399088 N: 342404
The site provider owns a lot of land in the area however would not be interested in siting a base station at this location

Greenfield - Littley Farm, New Haden Road, Stoke on Trent, Staffordshire, ST10 1UF – NGR E: 399915 N: 342181
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield- Chell Engineering, Roebuck Works, Draycott Cross Road, Cheadle, Staffordshire ST10 1PN – NGR E: 399605 N: 342673
Prior approval (Application no: DET/2017/0004) was granted at this location, but the landowner changed their mind and the site is not available.

We look forward to receiving your comments on the preferred option identified above and alternatives discounted. We would also like to take this opportunity to extend an invitation to meet with you to discuss the proposal and undertake a tour of the options considered, should you consider this to be beneficial.

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All Vodafone installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These guidelines have the support of UK Government, the European Union and they also have the formal backing of the World Health Organisation. A certificate of ICNIRP compliance will be included within the planning submission.

We would be grateful if you would therefore please forward copies of the Council's planning application forms as appropriate and advise us of any pending telecommunications applications or recent planning decisions in this particular area so these can be evaluated.

Finally, we would be interested in any local stakeholders or groups that might like to make comments. Please note we have similarily consulted local ward Councillors within the Cheadle West Ward, the local county councillor Mark Deaville, the clerk to Cheadle Town Council together with the local MP Bill Cash and the Manager of Poppins Day Nursery.

We enclose a copy of the Consultation Plan and welcome your suggestions.

We look forward to receiving your response within 14 days of the date of this letter.

Yours sincerely

Marcus Richman
Acquisition Project Manager
Clarke Telecom
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Fax: +44 (0)161 785 4501
Email: marcus.richman@clarke-telecom.com
(For and on behalf of CTIL and Vodafone Ltd)

COPY

From: Curley, Jane [mailto:jane.curley@staffsmoorlands.gov.uk]
Sent: 29 August 2017 10:59
To: Marcus Richman <Marcus.Richman@clarke-telecom.com>
Subject: RE: Consultation for a Mobile phone base station installation - New Haden Road Cheadle - CTIL_207882_VF_95276

Dear Marcus
Further to our e-mail exchange we have these informal comments. Please note that in the timescale available no site visit has been undertaken. I am away now until the 7th September.

- The application should have regard to para 45 of the NPPF.
- We note that there are mature trees close by. Your letter refers to these and to the need to keep the mast at a height such that the trees do not interfere with signals etc. The application should provide sufficient information to satisfy the LPA that these trees will not need to be felled to provide such clearance
- Although the site is on the edge of an industrial area it does appear from Google that the industrial buildings are set at a lower ground level than that of the proposed mast position and surrounding land and because of this there is potential for it be to more prominent. Indeed when travelling along New Hadon Road towards Huntley and on leaving the industrial estate the mast could well be seen in full and appear isolated from the industrial buildings and because of this, stark and prominent. It is for these reasons that we recommend that the planning application is accompanied by a Visual Impact Assessment which asses the visual impact of the mast from a number of locations. My colleague Steve Massey would be happy to assist it identifying the most useful views. He is away until the 4th September. His e-mail address is Steven.massey@staffsmoorlands.gov.uk.
- You may wish to consult with my colleague Denis Colgan in Environmental Health. He is away until the 30th, Denis.colgan@staffsmoorlands.gov.uk.

Jane Curley (Mrs)
Principal Planning Officer
01538 395400 ext 4124

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Our Ref: **CTIL_207882_VF_95276**

Cllr Stephen Ellis
The Willows
66 The Green
Cheadle
Staffordshire Moorlands
ST10 1PH

COPY

3rd August 2017

Dear Councillor Ellis,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

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This agreement allows both organisations to:

- Pool their basic network infrastructure, while running two, independent, nationwide networks
- Maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development.

Vodafone is in the process of progressing a suitable site in the Cheadle area for a radio base station. The purpose of this letter is to consult with you and seek your views on our proposal before any planning submission is made. We understand that you are not always able to provide site specific comments, however, Vodafone and Telefónica are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Vodafone's continued network improvement program, there is a specific requirement for a new radio base station in this area to provide new 4G services whilst at the same time improving existing 2G and 3G coverage. Currently, the operator has little to no 4G coverage in this cell area. An installation in this location would fill the 'gap' in the existing coverage in line with local and national guidance and the Governments increasing support to enable everyone to connect to the information super highway. Having access to high quality communication infrastructure brings with it significant social and economic benefits. An installation in this location would also provide new 4G services for Telefónica in line with it's 4G license requirements to provide 98% coverage by 2017. It will also enable Telefónica's existing 2G and 3G services to be improved.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

Please find below the details of the proposed site and the alternative site options considered and discounted in our site selection process: -

Our technical network requirement is as follows:

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The site is required in to order to provide new 4G coverage for Vodafone and improved 2G/3G services. It will also enable Telefónica to provide a new 4G service and improved 2G/3G services within the village of Cheadle.

A number of options have been assessed in respect of the site search process and we consider the best solution is as follows:

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The site has been chosen in this location as it is just outside the immediate town of Cheadle. The town is located to the east whilst the area is made up of partly residential and partly industrial. Therefore options for a telecommunications installation in this cell area are limited.

The site is set well back from the main roads in and around Cheadle and there are a number of mature trees in close proximity, to the west. This mature vegetation provides good screening for the monopole and ground level equipment cabinets.

The design of the monopole is such that the supporting structure is very slim. The three antennas are proposed to be fixed to the headframe. This is the minimum number possible which will provide the operator with the necessary multi technologies on a single site. Due to the undulating topography and mature trees adjacent, 15m is at present is the lowest height possible in order for the antennas to provide the necessary multi technologies to Cheadle and the surrounding area. If the antennas and transmission dish were to be any lower in height then they would not have a clear line of sight. As such, they would not provide coverage to the target coverage area. This means that another installation would be required in this cell area, leading to the proliferation of masts contrary to national planning guidance.

A monopole with exposed headframe is the most efficient at providing 4G services and improved 2G and 3G coverage to the surrounding area. It will also reduce the amount of upgrades required in the future. If the antennas were to be shrouded in a more stealth design, they would not provide the necessary coverage at this height, and a taller mast would be required, or the cell split, requiring two radio base stations to meet the operator's coverage requirements in this area. The monopole design on private land, some distance from the main roads and residential properties, well screened by existing mature trees, is on balance, the best environmental solution.

There are no existing suitable and available installations within the operators search area which could be utilised to provide new 4G and improved 2G/3G services to this part of Cheadle and the surrounding area.
The other site options that were considered and then discounted are as follows:

Streetworks – SW Brookhouse Way, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399782 N: 342826
The highway at this location is not adopted, having made contact with the Site Provider they were unable to fully confirm their interest thus option discounted.

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The site provider has stated they would not be interested in siting a base station at this location.

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The site provider has stated they would not be interested in siting a base station at this location.

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The site provider owns a lot of land in the area however would not be interested in siting a base station at this location

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Prior approval was granted at this location, but the landowner changed their mind and the site is not available.

The Local Planning Authority mast register and our records of other potential sites have already been reviewed, the policies in the Development Plan have been taken into account and the planning history of the site has been examined.

All Vodafone's installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These guidelines have the support of UK Government, the European Union and they also have the formal backing of the World Health Organisation. A certificate of ICNIRP compliance will be included within the planning submission.

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In order to give you time to send your comments or request further information, we commit to allow at least 14 days before an application is submitted to the Local Planning Authority. This 14 day period starts from the date at the top of this letter.

We would also be grateful if you could please advise of any local stakeholders or groups that might like to make comments. Please note we have similarily consulted local ward Councillors within the Cheadle West Ward, the local county councillor Mark Deaville, the clerk to Cheadle Town Council together with the local MP Bill Cash and the Manager of Poppins Day Nursery.

We look forward to receiving any comments you may have on the proposal.

Yours sincerely

Marcus Richman
Acquisition Project Manager
Clarke Telecom
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Fax: +44 (0)161 785 4501
Email: marcus.richman@clarke-telecom.com
(For and on behalf of CTIL and Vodafone Ltd)

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Our Ref : **CTIL_207882_VF_95276**

COPY

Bill Cash MP
House Of Commons
London
SW1A 0AA

3rd August 2017

Dear Mr Cash,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

You may be aware that Vodafone Limited has entered into an agreement with Telefónica UK Limited pursuant to which the two companies plan to jointly operate and manage a single network grid across the UK. These arrangements will be overseen by Cornerstone Telecommunications Infrastructure Ltd (CTIL) which is a joint venture company owned by Vodafone Limited and Telefónica UK Limited.

This agreement allows both organisations to:

- pool their basic network infrastructure, while running two, independent, nationwide networks
- maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development

As a result we are consulting with communities in line with Best Practice principles where planning applications for new telecommunications installations are required.

This letter is sent to you in the pre-planning application consultation phase of the development for a new mobile phone base station site and is simply intended to keep you informed and advised of the proposed development in your area prior to any planning application being submitted. However, if you do wish to submit comments or have been contacted by your constituents in relation to this matter and wish to send us comments on their behalf, please feel free to do so via the following address :

Community Consultation & EMF Enquiries, Building 1330 – The Exchange, Arlington Business Park, Theale, Berkshire, RG7 4SA.

Email: emf.enquiries@ctil.co.uk

What follows is a summary of the proposal and some further information that might be of use.

Summary of the proposal

Vodafone is in the process of progressing a suitable site in the Cheadle area for a radio base station. The site is required in to order to provide new 4G coverage for Vodafone. It will also improve the existing 2G and 3G

services in the area. The new site will also enable Telefonica to provide 4G coverage and improved 2G/3G services.

A number of options have been assessed in respect of the site search process but we consider the best option for the new installation to be at **CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384**

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In line with Best Practice principles we have shared these details with the local ward councillors, the local county councillor, planning officers and the local parish council.

ICNIRP Compliance

All Vodafone installations are installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These guidelines have the support of UK Government, the European Union and they also have the formal backing of the World Health Organisation. A certificate of ICNIRP compliance will be included within the planning submission.

Radio technology and health
Useful information sources on this include:

Code of Best Practice on Mobile Network Development
http://www.mobilemastinfo.com/images/stories/2013_Code of best_practice/Code of Best Practice on Mobile Network Development – Published 24-07-2013.PDF
National Planning Policy Framework www.communities.gov.uk
World Health Organisation – Electromagnetic Fields www.who.int/peh-emf/en
International Commission on Non Ionising Radiation Protection www.icnirp.de

I trust all is clear from the enclosed but if you have further questions on this or any other matter concerning Vodafone and Telefónica and please do not hesitate to contact us through Community Consultation & EMF Enquiries within 14 days from the date of this letter.

Yours sincerely

Marcus Richman
Acquisition Project Manager
Clarke Telecom
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Fax: +44 (0)161 785 4501
Email: marcus.richman@clarke-telecom.com
(For and on behalf of CTIL and Vodafone Ltd)

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Our Ref: **CTIL_207882_VF_95276**

COPY

Staffordshire Moorlands - Cheadle
Ms Hunter - Town Clerk
The Lodge
21 Tean Road
Cheadle
Staffordshire Moorlands
ST10 1LG

3rd August 2017

Dear Ms Hunter,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

Vodafone Limited has entered into an agreement with Telefonica UK Limited pursuant to which the two companies plan to jointly operate and manage a single network grid across the UK. These arrangements will be overseen by Cornerstone Telecommunications Infrastructure Ltd (CTIL) which is a joint venture company owned by Vodafone Limited and Telefónica UK Limited.

This agreement allows both organisations to:

- Pool their basic network infrastructure, while running two, independent, nationwide networks
- Maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development.

Vodafone is in the process of progressing a suitable site in the Cheadle area for a radio base station. The purpose of this letter is to consult with you and seek your views on our proposal before any planning submission is made. We understand that you are not always able to provide site specific comments, however, Vodafone and Telefónica are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Vodafone's continued network improvement program, there is a specific requirement for a new radio base station in this area to provide new 4G services whilst at the same time improving existing 2G and 3G coverage. Currently, the operator has little to no 4G coverage in this cell area. An installation in this location would fill the 'gap' in the existing coverage in line with local and national guidance and the Governments increasing support to enable everyone to connect to the information super highway. Having access to high quality communication infrastructure brings with it significant social and economic benefits. An installation in this location would also provide new 4G services for Telefónica in line with it's 4G license requirements to provide 98% coverage by 2017. It will also enable Telefónica's existing 2G and 3G services to be improved.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

Please find below the details of the proposed site and the alternative site options considered and discounted in our site selection process: -

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www.clarke-telecom.com

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Our technical network requirement is as follows:

CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

The site is required in to order to provide new 4G coverage for Vodafone and improved 2G/3G services. It will also enable Telefónica to provide a new 4G service and improved 2G/3G services within the village of Cheadle.

A number of options have been assessed in respect of the site search process and we consider the best solution is as follows:

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The proposals relate to the installation of new 15m monopole supporting 3no. antennas and 2no. 0.6m transmission link dishes. In addition the installation of equipment cabinets at the base of the pole, within a new palisade fence compound, plus ancillary telecommunications development thereto.

The site has been chosen in this location as it is just outside the immediate town of Cheadle. The town is located to the east whilst the area is made up of partly residential and partly industrial. Therefore options for a telecommunications installation in this cell area are limited.

The site is set well back from the main roads in and around Cheadle and there are a number of mature trees in close proximity, to the west. This mature vegetation provides good screening for the monopole and ground level equipment cabinets.

The design of the monopole is such that the supporting structure is very slim. The three antennas are proposed to be fixed to the headframe. This is the minimum number possible which will provide the operator with the necessary multi technologies on a single site. Due to the undulating topography and mature trees adjacent, 15m is at present is the lowest height possible in order for the antennas to provide the necessary multi technologies to Cheadle and the surrounding area. If the antennas and transmission dish were to be any lower in height then they would not have a clear line of sight. As such, they would not provide coverage to the target coverage area. This means that another installation would be required in this cell area, leading to the proliferation of masts contrary to national planning guidance.

A monopole with exposed headframe is the most efficient at providing 4G services and improved 2G and 3G coverage to the surrounding area. It will also reduce the amount of upgrades required in the future. If the antennas were to be shrouded in a more stealth design, they would not provide the necessary coverage at this height, and a taller mast would be required, or the cell split, requiring two radio base stations to meet the operator's coverage requirements in this area. The monopole design on private land, some distance from the main roads and residential properties, well screened by existing mature trees, is on balance, the best environmental solution.

There are no existing suitable and available installations within the operators search area which could be utilised to provide new 4G and improved 2G/3G services to this part of Cheadle and the surrounding area.
The other site options that were considered and then discounted are as follows:

Streetworks – SW Brookhouse Way, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399782 N: 342826

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The highway at this location is not adopted, having made contact with the Site Provider they were unable to fully confirm their interest thus option discounted.

Greenfield – Spyder Site S12 589, The Green, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR E: 399742 N: 342889
A site at this location would not meet the required coverage need. Due to this technical difficulty the option was thus discounted.

Greenfield - Brookhouse Way Ind Estate, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399853 N:342727
The Site Provider owns the industrial estate however will not confirm their interest.

Greenfield - Cheadle Test Centre, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1PJ NGR E: 399811 N: 342630
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – Tungate Group Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399915 N: 342618
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – IAE, The Green, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR: E: 399718 N: 342848
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Greenfield – Hartleys Land, New Haden Road, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR: E: 399572 N: 342653
The site provider owns a lot of land in the area however would not be interested in siting a base station at this location

Greenfield – TMC, New Haden Works, Draydon Cross Road, Stoke on Trent, Staffordshire, ST10 2NW NGR: E: 399572 N: 342419
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – Many Sites, Brookhouse Ind Estate, Draydon Cross Road, Stoke on Trent, Staffordshire, ST10 2NW – NGR: E: 399088 N: 342404
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Greenfield - Littley Farm, New Haden Road, Stoke on Trent, Staffordshire, ST10 1UF – NGR E: 399915 N: 342181
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The Local Planning Authority mast register and our records of other potential sites have already been reviewed, the policies in the Development Plan have been taken into account and the planning history of the site has been examined.

All Vodafone's installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These guidelines have the support

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In order to give you time to send your comments or request further information, we commit to allow at least 14 days before an application is submitted to the Local Planning Authority. This 14 day period starts from the date at the top of this letter.

We would also be grateful if you could please advise of any local stakeholders or groups that might like to make comments. Please note we have similarily consulted local ward Councillors within the Cheadle West Ward, the local county councillor Mark Deaville, the clerk to Cheadle Town Council together with the local MP Bill Cash and the Manager of Poppins Day Nursery.

We look forward to receiving any comments you may have on the proposal.

Yours sincerely

Marcus Richman
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Our Ref: **CTIL_207882_VF_95276**

Cllr Peter Jackson
1 Wetherby Close
Cheadle
Staffordshire Moorlands
ST10 1UH

COPY

3rd August 2017

Dear Councillor Jackson,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

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Our Ref: **CTIL_207882_VF_95276**

Cllr Alan Banks
14 Copeland Close
Cheadle
Staffordshire Moorlands
ST10 1HP

COPY

3rd August 2017

Dear Councillor Banks,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

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Greenfield - Littley Farm, New Haden Road, Stoke on Trent, Staffordshire, ST10 1UF – NGR E: 399915 N: 342181
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield- Chell Engineering, Roebuck Works, Draycott Cross Road, Cheadle, Staffordshire ST10 1PN – NGR E: 399605 N: 342673
Prior approval was granted at this location, but the landowner changed their mind and the site is not available.

The Local Planning Authority mast register and our records of other potential sites have already been reviewed, the policies in the Development Plan have been taken into account and the planning history of the site has been examined.

All Vodafone's installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These guidelines have the support of UK Government, the European Union and they also have the formal backing of the World Health Organisation. A certificate of ICNIRP compliance will be included within the planning submission.

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In order to give you time to send your comments or request further information, we commit to allow at least 14 days before an application is submitted to the Local Planning Authority. This 14 day period starts from the date at the top of this letter.

We would also be grateful if you could please advise of any local stakeholders or groups that might like to make comments. Please note we have similarily consulted local ward Councillors within the Cheadle West Ward, the local county councillor Mark Deaville, the clerk to Cheadle Town Council together with the local MP Bill Cash and the Manager of Poppins Day Nursery.

We look forward to receiving any comments you may have on the proposal.

Yours sincerely

Marcus Richman
Acquisition Project Manager
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(For and on behalf of CTIL and Vodafone Ltd)

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Our Ref: **CTIL_207882_VF_95276**

Cllr Mark Deaville
Springhill Bungalow
Breach Lane
Totmonslow
Staffordshire
ST10 4JL

COPY

3rd August 2017

Dear Councillor Deaville,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

Vodafone Limited has entered into an agreement with Telefonica UK Limited pursuant to which the two companies plan to jointly operate and manage a single network grid across the UK. These arrangements will be overseen by Cornerstone Telecommunications Infrastructure Ltd (CTIL) which is a joint venture company owned by Vodafone Limited and Telefónica UK Limited.

This agreement allows both organisations to:

- Pool their basic network infrastructure, while running two, independent, nationwide networks
- Maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development.

Vodafone is in the process of progressing a suitable site in the Cheadle area for a radio base station. The purpose of this letter is to consult with you and seek your views on our proposal before any planning submission is made. We understand that you are not always able to provide site specific comments, however, Vodafone and Telefónica are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Vodafone's continued network improvement program, there is a specific requirement for a new radio base station in this area to provide new 4G services whilst at the same time improving existing 2G and 3G coverage. Currently, the operator has little to no 4G coverage in this cell area. An installation in this location would fill the 'gap' in the existing coverage in line with local and national guidance and the Governments increasing support to enable everyone to connect to the information super highway. Having access to high quality communication infrastructure brings with it significant social and economic benefits. An installation in this location would also provide new 4G services for Telefónica in line with it's 4G license requirements to provide 98% coverage by 2017. It will also enable Telefónica's existing 2G and 3G services to be improved.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

Please find below the details of the proposed site and the alternative site options considered and discounted in our site selection process: -

Our technical network requirement is as follows:

2015 CTIL

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CTIL_207882_VF_95276 KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

The site is required in to order to provide new 4G coverage for Vodafone and improved 2G/3G services. It will also enable Telefónica to provide a new 4G service and improved 2G/3G services within the village of Cheadle.

A number of options have been assessed in respect of the site search process and we consider the best solution is as follows:

KLARIUS PRODUCTS LTD- TEST TRACK, BROOKHOUSES INDUSTRIAL ESTATE, NEW HADEN ROAD, CHEADLE, STAFFORDSHIRE, ST10 1UF NGR E: 399651 N: 342384

The proposals relate to the installation of new 15m monopole supporting 3no. antennas and 2no. 0.6m transmission link dishes. In addition the installation of equipment cabinets at the base of the pole, within a new palisade fence compound, plus ancillary telecommunications development thereto.

The site has been chosen in this location as it is just outside the immediate town of Cheadle. The town is located to the east whilst the area is made up of partly residential and partly industrial. Therefore options for a telecommunications installation in this cell area are limited.

The site is set well back from the main roads in and around Cheadle and there are a number of mature trees in close proximity, to the west. This mature vegetation provides good screening for the monopole and ground level equipment cabinets.

The design of the monopole is such that the supporting structure is very slim. The three antennas are proposed to be fixed to the headframe. This is the minimum number possible which will provide the operator with the necessary multi technologies on a single site. Due to the undulating topography and mature trees adjacent, 15m is at present is the lowest height possible in order for the antennas to provide the necessary multi technologies to Cheadle and the surrounding area. If the antennas and transmission dish were to be any lower in height then they would not have a clear line of sight. As such, they would not provide coverage to the target coverage area. This means that another installation would be required in this cell area, leading to the proliferation of masts contrary to national planning guidance.

A monopole with exposed headframe is the most efficient at providing 4G services and improved 2G and 3G coverage to the surrounding area. It will also reduce the amount of upgrades required in the future. If the antennas were to be shrouded in a more stealth design, they would not provide the necessary coverage at this height, and a taller mast would be required, or the cell split, requiring two radio base stations to meet the operator's coverage requirements in this area. The monopole design on private land, some distance from the main roads and residential properties, well screened by existing mature trees, is on balance, the best environmental solution.

There are no existing suitable and available installations within the operators search area which could be utilised to provide new 4G and improved 2G/3G services to this part of Cheadle and the surrounding area.
The other site options that were considered and then discounted are as follows:

Streetworks – SW Brookhouse Way, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399782 N: 342826
The highway at this location is not adopted, having made contact with the Site Provider they were unable to fully confirm their interest thus option discounted.

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Greenfield – Spyder Site S12 589, The Green, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR E: 399742 N: 342889
A site at this location would not meet the required coverage need. Due to this technical difficulty the option was thus discounted.

Greenfield - Brookhouse Way Ind Estate, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399853 N:342727
The Site Provider owns the industrial estate however will not confirm their interest.

Greenfield - Cheadle Test Centre, Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1PJ NGR E: 399811 N: 342630
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – Tungate Group Brookhouse Way, Cheadle, Stoke on Trent, Staffordshire, ST10 1SR NGR E: 399915 N: 342618
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – IAE, The Green, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR: E: 399718 N: 342848
The site provider has stated they would not be interested in siting a base station at this location.

Greenfield – Hartleys Land, New Haden Road, Cheadle, Stoke on Trent, Staffordshire, ST10 1XT NGR: E: 399572 N: 342653
The site provider owns a lot of land in the area however would not be interested in siting a base station at this location

Greenfield – TMC, New Haden Works, Draydon Cross Road, Stoke on Trent, Staffordshire, ST10 2NW NGR: E: 399572 N: 342419
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