Declaration of Conformity with the International Commission on Non-Ionizing Radiation Protection (ICNIRP) Public Exposure Guidelines

CTIL

The Chief Planning Officer
Planning and Transportation Services
Barnsley Metropolitan Borough Council
PO Box 604
Barnsley
South Yorkshire
S70 9FE

Clarke Telecom Limited
Unit E
Madison Place
Northampton Road
Manchester
M40 5AG

9th September 2016

Our ref: CTIL_206086_TEF_75924_NA

Dear Sir/Madam,

CLARIFICATION OF THE DECLARATION OF ICNIRP COMPLIANCE ISSUED AS PART OF THE GPDO PLANNING APPLICATION ATTACHED FOR THE PROPOSAL TO INSTALL A NEW TELECOMMUNICATIONS INSTALLATION AT CTIL_206086_TEF_75924_NA – LAND AT MOUNT PLEASANT FARM, STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE, S72 0BX (NGR E 443832 / N 407025)

I refer to the Declaration of Conformity with ICNIRP Public Exposure Guidelines ("ICNIRP Declaration"), sent with this application in relation to the proposed telecommunications installation as detailed above.

The "ICNIRP Declaration" certifies that the site is designed to be in full compliance with the requirements of the radio frequency (RF) guidelines of the International Commission on Non-Ionizing Radiation (ICNIRP) for public exposure as expressed in the EU Council recommendation of July 1999.

The ICNIRP declaration produced by Clarke Telecom takes into account the cumulative effect of the emissions from the proposed installation and all radio base stations present at, or near, the proposed location.

The radio emission compliance calculation is based upon the maximum possible cumulative values.

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.

CTIL

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.

If you have any further enquiries concerning the "ICNIRP Declaration" certificate or anything else in this letter then please contact the CTIL EMF UNIT on 01753 564306.

Yours sincerely



Simon Stephens
Design Manager

CTIL

Our ref: CTIL_206086_TEF_75924_NA

Declaration of Conformity with ICNIRP Public Exposure Guidelines
("ICNIRP Declaration")

Telefonica UK Limited
260 Bath Road
Slough
Berkshire
SL1 4DX

Declares that the proposed equipment and installation as detailed in the attached GPDO planning application at:

LAND AT MOUNT PLEASANT FARM
STONEBRIDGE LANE
GREAT HOUGHTON
BARNSLEY
SOUTH YORKSHIRE
S72 0BX
NGR E 443832 / N 407025

is designed to be in full compliance with the requirements of the radio frequency (RF) public exposure guidelines of the International Commission on Non-Ionizing Radiation (ICNIRP), as expressed in the EU Council recommendation of 12 July 1999 * "on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz)".

* Reference: 1999/519/E

Date: 9th September 2016

Signed:



Name: **Simon Stephens**

Position: *Design Manager*

COPY OF PRE APPLICATION CONSULTATION LETTERS

MOUNT PLEASANT FARM,
STONEBRIDGE LANE,
GREAT HOUGHTON,
BARNSLEY,
S72 0BX

NGR: E: 443832 N: 407025

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M40 5AG, UK
www.clarke-telecom.com

T: +44 (0) 161 785 4500

F: +44 (0) 161 785 4500

Our ref: CTIL 206086_TEF 075924.

The Chief Planning Officer
Planning Development Management
Barnsley Council
PO Box 634
S70 9GG

10th August 2016

Dear Sir,

PROPOSED BASE STATION INSTALLATION AT CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

Telefónica UK Limited has entered into an agreement with Vodafone 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 Telefónica UK Limited and Vodafone 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

Telefónica is in the process of progressing a suitable site in the Great Houghton 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 Telefónica's technical network requirements. This approach accords with Telefónica's Best Practice Commitments to ensure consultation with Local Planning Authorities and other appropriate key stakeholders.

As part of Telefónica's continued network improvement program, there is a specific requirement for a radio base station at this location to provide new 4G coverage in the area.

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 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:

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www.clarke-telecom.com

CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

The proposals relate to the installation of a 15 metre phase 4.5 monopole supporting 3 no Antennas on a headframe; 2no dishes to be positioned below the antennas at a height of 11.5m; 3no Equipment Cabinets installed at ground level and ancillary development required thereto within a stock proof fence compound at Mount Pleasant Farm, Stonebridge Lane, Great Houghton, Barnsley, S72 0BX

We have considered alternative site options and discounted as follows:

- Great Houghton Skate Park, Church Street, Great Houghton, Barnsley S72 0BA NGR E: 442992/ N: 406475
- We anticipate that obtaining planning in this location would be very difficult and the parish council (SP) would lots of stake holders to consult.

- Great Houghton Medical Centre, Great Houghton, Barnsley S72 0DB NGR E: 443252/ N: 406410
- We anticipate that obtaining planning in this location would be very difficult.

- Houghton Arms Pub, High Street, Great Houghton, Barnsley S725 0AW NGR E: 443069 N: 406688
- SP was not interested in the proposal.

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.

All Telefónica 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 you consider would like to know more about our proposals.

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

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

Yours faithfully

Jennie Hann
Planning Manager
Clarke Telecom
Tel: +44 (0)161 785 4500
Fax: +44 (0)161 785 4501
Email: Jennie.Hann@clarke-telecom.com

(For and on behalf of CTIL and Telefonica UK Ltd)

2014 CTIL

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Our Ref: CTIL 206086_TEF 075924.

Mr Michael Dugher MP
House of Commons
London
SW1A 0AA

10th August 2016

Dear Mr Dugher,

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

You may be aware that Telefónica UK Limited has entered into an agreement with Vodafone 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 Telefónica UK Limited and Vodafone 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

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

Telefónica are in the process of progressing a suitable site in the Great Houghton for a radio base station. There is a specific requirement for a radio base station at this location to provide coverage across a range of frequencies – 2G, 3G and 4G coverage is proposed to address the current coverage deficit in the area.

Our technical network requirement is as follows:

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CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

The proposals relate to the installation of a 15 metre phase 4.5 monopole supporting 3 no Antennas on a headframe; 2no dishes to be positioned below the antennas at a height of 11.5m; 3no Equipment Cabinets installed at ground level and ancillary development required thereto within a stock proof fence compound at Mount Pleasant Farm, Stonebridge Lane, Great Houghton, Barnsley, S72 0BX

We have considered alternative site options and discounted as follows:

- Great Houghton Skate Park, Church Street, Great Houghton, Barnsley S72 0BA NGR E: 442992/ N: 406475
- We anticipate that obtaining planning in this location would be very difficult and the parish council (SP) would lots of stake holders to consult.

- Great Houghton Medical Centre, Great Houghton, Barnsley S72 0DB NGR E: 443252/ N: 406410
- We anticipate that obtaining planning in this location would be very difficult.

- Houghton Arms Pub, High Street, Great Houghton, Barnsley S725 0AW NGR E: 443069 N: 406688

SP was not interested in the proposal.

In line with Best Practice principles we have shared these details with local councillors, parish councillors and planning officers.

ICNIRP Compliance

All Vodafone and Telefónica 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 please do not hesitate to contact us through Community Consultation & EMF Enquiries within 14 days from the date of this letter.

Yours sincerely

Jennie Hann
Planning Manager
Clarke Telecom
Tel: +44 (0)161 785 4500
Fax: +44 (0)161 785 4501
Email: Jennie.Hann@clarke-telecom.com

Enc.

(For and on behalf of CTIL and Telefonica UK Ltd)

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Our Ref: CTIL 206086_TEF 075924.

Councillor A Hampson
PO Box 634
Barnsley
S70 9GG

10th August 2016

Dear Councillor Hampson,

PROPOSED BASE STATION INSTALLATION AT CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

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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.

Telefónica is in the process of identifying a suitable site in the Great Houghton 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, Telefónica is committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Telefónica's continued network improvement program, there is a specific requirement for a radio base station at this location to provide 3G coverage in the area.

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:

CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

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- SP was not interested in the proposal.

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 Telefónica 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.

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 us of any local stakeholders or groups that might like to make comments. For your information we will be similarly consulting your fellow local ward Councillors within the North East Ward together with the local MP Michael Dugher.

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

Yours sincerely

Jennie Hann
Planning Manager
Clarke Telecom
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Email: Jennie.Hann@clarke-telecom.com

Enc.

(For and on behalf of CTIL and Telefonica UK Ltd)

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Our Ref: CTIL 206086_TEF 075924.

Councillor D Higginbottom
PO Box 634
Barnsley
S70 9GG

10th August 2016

Dear Councillor Higginbottom,

PROPOSED BASE STATION INSTALLATION AT CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

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Our technical network requirement is as follows:

CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

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- Houghton Arms Pub, High Street, Great Houghton, Barnsley S725 0AW NGR E: 443069 N: 406688
- SP was not interested in the proposal.

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 Telefónica 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.

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 us of any local stakeholders or groups that might like to make comments. For your information we will be similarly consulting your fellow local ward Councillors within the North East Ward together with the local MP Michael Dugher.

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

Yours sincerely

Jennie Hann
Planning Manager
Clarke Telecom
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Fax: +44 (0)161 785 4501
Email: Jennie.Hann@clarke-telecom.com

Enc.

(For and on behalf of CTIL and Telefonica UK Ltd)

--------- Forwarded message ---------
From: Jennie Hann <Jennie.Hann@clarke-telecom.com>
To: "councillordorothyhigginbottom@barnsley.gov.uk" <councillordorothyhigginbottom@barnsley.gov.uk>
Cc: Simon Batchelor <Simon.Batchelor@clarke-telecom.com>
Date: Wed, 24 Aug 2016 12:07:54 +0000
Subject: Interference with TV Reception CTIL 206086_75924 Land at Mount Pleasant Farm

Dear Cllr Higginbottom

Further to our telephone conversation today and your query as to whether the proposed above scheme would interfere with local Television Reception, I can advise that operating transmitters in accordance with the conditions of the license fulfils legal obligations in respect of interference to other radio systems.

Whilst it is unlikely, there is a small potential for 4G services to cause interference with digital TV reception. This is due to the frequency spectrum that some mobile network operators use for 4G services which is similar to that for digital terrestrial TV. The digital terrestrial TV range is between 470 & 854MHz and some frequency's used for 4G services operate at 800MHz.

Following this the 4 companies of EE, O2, Three and Vodafone formed a jointly-controlled company called 'at800'. This company is responsible for ensuring that consumers continue to receive clear Freeview TV Signals. At800 can be contacted via their home page athttps://at800.tv/ or by telephone 0808 1313 800.

Please note that interference to domestic radio and TV reception not related to 4G transmissions is dealt with via the BBC Help Receiving TV and Radio web site at http://www.bbc.co.uk/reception/.

I trust that this information is of assistance to you, please feel free to distribute it to other members or locals who are concerned about interference with Television Reception.

Please find enclosed an information sheet relating to Interference with Television Reception.

Kind regards

Jennie

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M40 5AG, UK
www.clarke-telecom.com

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Our Ref: CTIL 206086_TEF 075924.

Councillor J Ennis
PO Box 634
Barnsley
S70 9GG

10th August 2016

Dear Councillor Ennis,

PROPOSED BASE STATION INSTALLATION AT CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

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- Great Houghton Skate Park, Church Street, Great Houghton, Barnsley S72 0BA NGR E: 442992/ N: 406475
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We look forward to receiving any comments you may have on the proposal.

Yours sincerely

Jennie Hann
Planning Manager
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Our Ref: CTIL 206086_TEF 075924.

Great Houghton Parish Council
Mr Martin Fensome
12 Spring Lane
Carlton
Barnsley
S71 3EX

10th August 2016

Dear Mr Fensome,

PROPOSED BASE STATION INSTALLATION AT CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

Telefónica UK Limited has entered into an agreement with Vodafone 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 Telefónica UK Limited and Vodafone 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.

Telefónica is in the process of identifying a suitable site in the Great Houghton 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, Telefónica is committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Telefónica's continued network improvement program, there is a specific requirement for a radio base station at this location to provide 3G coverage in the area.

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:

CTIL 206086_TEF 075924 AT STONEBRIDGE LANE, GREAT HOUGHTON, BARNSLEY, SOUTH YORKSHIRE S72 0BX (NGR: E 443832/ N: 407025)

The proposals relate to the installation of a 15 metre phase 4.5 monopole supporting 3 no Antennas on a headframe; 2no dishes to be positioned below the antennas at a height of 11.5m; 3no Equipment Cabinets installed at ground level and ancillary development required thereto within a stock proof fence compound at Mount Pleasant Farm, Stonebridge Lane, Great Houghton, Barnsley, S72 0BX

We have considered alternative site options and discounted as follows:

- Great Houghton Skate Park, Church Street, Great Houghton, Barnsley S72 0BA NGR E: 442992/ N: 406475
- We anticipate that obtaining planning in this location would be very difficult and the parish council (SP) would lots of stake holders to consult.

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- Great Houghton Medical Centre, Great Houghton, Barnsley S72 0DB NGR E: 443252/ N: 406410
- We anticipate that obtaining planning in this location would be very difficult.

- Houghton Arms Pub, High Street, Great Houghton, Barnsley S725 0AW NGR E: 443069 N: 406688
- SP was not interested in the proposal.

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 Telefónica 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.

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 us of any local stakeholders or groups that might like to make comments. For your information we will be similarly consulting your fellow local ward Councillors within the North East Ward together with the local MP Michael Dugher.

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

Yours sincerely

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Enc.

(For and on behalf of CTIL and Telefonica UK Ltd)