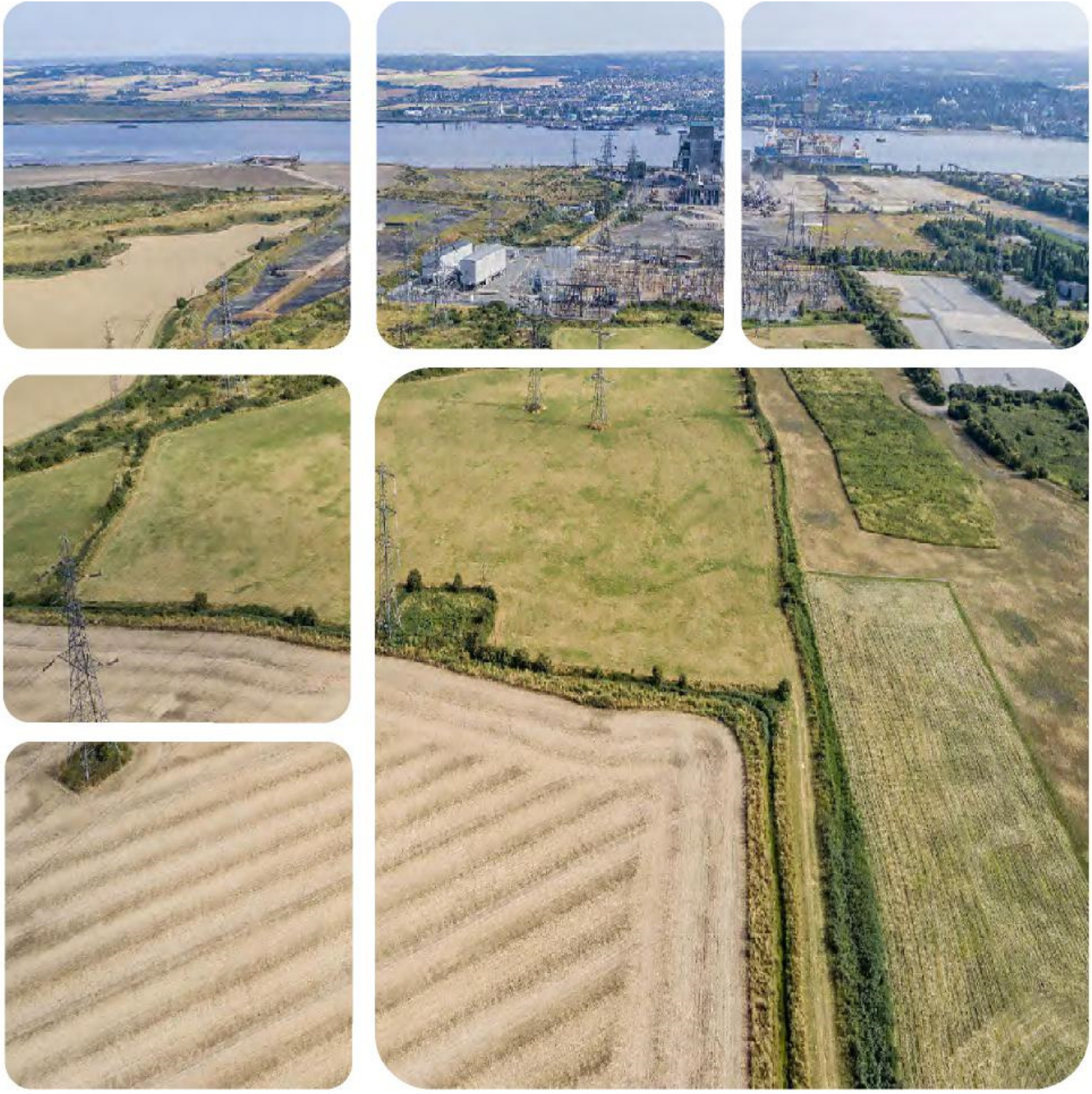
THURROCK POWER
A Statera Energy company

# Consultation Report

## Appendix 8.4: Consultation Responses

## Thurrock Flexible Generation Plant

### Application document number A5.1.8



# Appendix 8.4 (Part 2 of 5)

## All Consultation Responses 2018 – S42 Statutory continued (from Port of London Authority to Vodafone)

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VINCENT+GORBING

Our ref : MF/5120

12 November 2018

BY EMAIL TO

contact@thurrockpower.co.uk

Thurrock Power Limited

Dear Sir/Madam

Planning Act 2008 (as amended) and The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017(the EIA Regulations)

Application by Thurrock Power Ltd (the Applicant) for an Order granting Development Consent for the Thurrock Flexible Generation Plant (the Proposed Development)

This is the response of our client, Port RI 7LOEXU\ /RQGRQ /LPLWHG ³3R7// to statutory consultation on the above scheme.

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1. The owner and operator of Port of Tilbury
2. The owner and promoter of a new Port Terminal on the western part of the former Tilbury Power Station site (known as Tilbury2) which is the subject of an application prepared, consulted on, assessed and submitted to the Secretary of State in October 2017 (reference TR030003) and subject to examination which formally closed on 20 August 2018. The decision on the application will be made by the Secretary of State by 20 February 2019.

7KH 6FRSLQJ 5HSRUW IRU WKH 7KXUURFN )OH[LEOH *HQHUD on 10 August 2018, very shortly before the last timetabled submission deadline and formal close of the Tilbury2 Examination. Despite the timing within the Tilbury2 examination process, PoTLL prepared and submitted a document to the Tilbury2 Examination entitled ³1RWH 2Q 7KXUURFN )OH[LEOH *HQHUDWLRQ 3ODQW´ [Tilbury2 library reference number REP7-024[i]]. This provided observations on the potential for cumulative effects arising from TFGP with Tilbury2 and two other Nationally Significant Infrastructure Projects in the vicinity, QDPHO\ 7LOEXU\ (QHUJ\ &HQWUH ³7(&´ DQG /RZHU 7KDPHV

On 5th September 2018 we responded to consultation on the Scoping Report. We note that various responses to our submissions (particularly on ecology) are contained within the Preliminary Environmental Information Report (PEIR) for the TFGP scheme.

Order Limits

The TFGP site lies immediately adjoining the northern part of the Tilbury2 site, with a common boundary some 500m in length. The land within the Tilbury2 Order Limits in this part of the Tilbury2 site is proposed to be used in part for ecological mitigation and remain undeveloped and in part for the construction and aggregates terminal (CMAT). Works to create the ecological mitigation area have already been undertaken in accordance with a planning permission approved by Thurrock Council.

It is also noted that the previous overlap in Order Limits that was identified at Scoping stage by virtue of the previous DUHD QRWHG DV ³-´ DV ³3RVVLEOH 6 S
has now been removed and this is welcomed.

Construction programme

The PEIR sets out the construction period for the TFGP as being from Q1 2021.

PoTLL consider that there will be limited, if any, temporal overlap in the anticipated construction programmes of Tilbury2 with TFGP. If the Tilbury2 DCO is granted, Tilbury2 will become operational with the opening of the RoRo terminal in Q1 2020. Construction on-site for the remainder of the terrestrial works including the CMAT would continue for another 12 months (i.e. until Q1 2021).

It is noted in the Preliminary Environmental Information Report that the start of construction work on the main development site at TFGP (zone A), haul road(s) and gas connection is expected to be in quarter one (Q1) 2021. By this time all of the main construction activities related to the Tilbury2 proposals (in particular the new lengths of highway and rail line, all maritime infrastructure, and the grading and laying of appropriate pavements across the site) will be complete and the RoRo terminal, and quite possibly the full extent of the CMAT, will be operational.

Indeed, as stated at Scoping Stage, PoTLL consider that the time line set out by the applicants for the TFGP is in any event likely to be optimistic considering given th need to participate in the competitive Capacity Market auction process. As such, there are unlikely to be cumulative construction environmental effects between Tilbury2 and TFGP due to construction activities being undertaken for both projects at the same time.

Since Tilbury2 will be substantially completed and operational, with environmental mitigation and enhancement areas established and in management and maintenance we remain of the view that the final Environmental Statement should consider fully the potential for both follow on effects of the timing of construction and potential disturbance in newly established environmental mitigation land.

## Approach to Cumulative Effects Assessment and mitigation

The PEIR considers both future baseline and cumulative effects with other projects. The basic approach to the EIA is set out in Section 2 of the PEIR.

It states at para. 2.3.5 that :-

³7KH EDVHOLQH IRU WKH DVVHVVPHQW VKRX exist in the SUHVHQV absence of the proposed development at the time that the development is likely to be implemented. The anticipated start date for construction is 2021, with enabling works likely WR RFFXU LQ ´

It further states at para.

³&RQVLG has been given to any likely changes between the time of survey and the future baseline for the construction and operation of the proposed development. In some cases, these changes may include the construction or operation of other planned developments in the area. Where such developments are built and operational at the time of writing and data collection, these have been considered to form part of the baseline environment. Where sufficient and robust information is available other future developments have been considered as part of the future baseline conditions. In all other cases, planned future developments are considered within the assessment of cumulative effects ´

The Tilbury2 application has progressed through the whole pre-application, application and examination process and the Examining Authority must report to the Secretary of State on or before 20 November 2018 and if submitted on that date the Secretary of State must make a decision on or before 20 February 2019.

The TFGP PEIR notes that the submission of the TFGP application will be made in January 2019. It is likely that by acceptance (and certainly prior to Examination), the decision on Tilbury2 will have been made. If in the unlikely event the decision was still to be made, all necessary detail of the Tilbury2 proposals is in any event available to the promoters of those schemes as already fully published on the Planning Inspectorate website project page for Tilbury2[ii].

Moreover, enabling works within the ecological mitigation area that forms part of the Tilbury2 scheme which immediately adjoins the TFGP site were granted planning permission separately by Thurrock Council (ref : 18/00448/FUL) and have been implemented. These works include the creation of water vole habitat, an artificial badger sett and a number of reptile hibernacula.

In accordance with the approach to the future baseline set out in the PEIR we consider that it would be preferable for Tilbury2 to be considered as part of that future baseline rather than a cumulative project such that the Tilbury2 proposals and the full mitigation package associated with the scheme ±particularly the already constructed ecological mitigation works ±are taken into account in designing the mitigation for TFGP and given their due weight in the examination of the proposals and assessments of overall environmental effects.

The PEIR takes account of Tilbury2 as a cumulative project and considers cumulative impacts with several other nearby major infrastructure projects that are in the process of applying for development consent. These include Tilbury2, the Lower Thames Crossing and the Tilbury Energy Centre. Whilst PoTLL consider that it would be preferable for Tilbury2 to be taken into account as part of the future baseline, if Tilbury2 continues in the final ES to be treated as a cumulative project, it should fully take account of the environmental assessment, full examination submissions and documentation, detailed design of Tilbury2, any on-going monitoring, and the associated proposed mitigation and the statutory consultee responses to this information.

We have some concerns that the cumulative effects assessment of the PEIR will need to be more detailed in the final ES, particularly as mitigation strategies are developed for TFGP. We note that at the present time the Cumulative Effects Assessment (Chapter 16) reports that the impact to various receptors as a result of TFGP is negligible and would not change the significance of the cumulative effect. It is further concluded that no further mitigation or monitoring measures are considered necessary, beyond those which have been adopted as part of the proposed development, or outlined in the topic chapters.

We note, however, that the cumulative impact on the Thames Estuary and Marshes Special Protection Area has yet to be determined and will be reported in the ES once wintering bird surveys have been undertaken.

Despite this assessment, PoTLL reserves its position on ecology as the TFGP proposals have the potential to interact with impacts from the Tilbury2 project mainly by virtue of geographical proximity and the interconnection between certain habitat and species receptors. PoTLL's consultant ecologists, Bioscan UK Limited have reviewed Chapter 9 of the PEIR and remain concerned as to whether the interaction of ecological issues between TFGP and Tilbury2 has been fully assessed. A note in this regard is annexed to this letter and should be taken as forming part of PoTLL's representation.

### Scope of environmental topics

It is noted and welcomed that the scope of environmental topics has now been extended to include Human Health (as a separate Health Chapter).

It is noted that the destination of construction waste does not appear to be covered in the PEIR although it is not scoped out at Table 2.2 of Chapter 5. The description of the scheme notes that the potential transport of clean soil from foundation excavations, if this cannot be accommodated on-site, has been allowed for in the estimation of construction traffic although it is not clear how or where this will be accommodated. It is estimated that construction of the site will generate an average of 10 HGV deliveries per day (average of 20 HGV movements per day) throughout the construction period. This could peak at 20 to 30 HGV deliveries per day (40 to 60 HGV movements per day). This includes all associated construction activities including all deliveries and all removal of material / waste etc. However, the amount of waste is not quantified.

As established by the assessment undertaken by PoTLL for the Tilbury2 project, waste capacity in Thurrock is more limited than in the wider Essex area, and therefore the impacts on this capacity from TFGP, particularly when considered cumulatively with Tilbury2 and the Lower Thames Crossing could be significant. This should be considered in the ES for TFGP.

We trust the above comments will be taken into account in finalising the Environmental Statement for TFGP.

Yours faithfully

MARTIN FRIEND
DIRECTOR
FOR VINCENT AND GORBING
martin.friend@vincent-gorbing.co.uk

Attachment : Comments on the Preliminary Environmental Information Report (PEIR) Chapter 9: Ecology (September 2018) by Bioscan UK Limited

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[i] https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/TR030003/TR030003-000990-Note%20on%20Thurrock%20Flexible%20Generation%20Plant.pdf

[ii] https://infrastructure.planninginspectorate.gov.uk/projects/south-east/tilbury2/?ipcsection=overview

Application by Thurrock Power Ltd (the Applicant) for an Order granting Development Consent for the Thurrock Flexible Generation Plant

Comments on the Preliminary Environmental Information Report (PEIR)
Chapter 9: Ecology (September 2018)

by Bioscan UK Limited, on behalf of Port of Tilbury London Limited

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The Thurrock Flexible Generation Plant (TFGP) proposals are located immediately adjacent to the Tilbury2 scheme, and specifically they adjoin the areas that accommodate Tilbury's core on-site ecological compensation provision. The Applicant will need to ensure that the potential for impacts to arise cumulatively with Tilbury2 is assessed in detail, including careful consideration of potential adverse effects on the compensatory habitat and protected species provision put forward by Tilbury2. If the success of these mitigation and compensation measures is in any way compromised by the TFGP proposals, that would represent a significant cumulative impact. Matters that require particular consideration are set out below:

Badger. As part of advance mitigation works for the Tilbury2 scheme, an artificial sett has been constructed[1] within the adjacent parcel of land (zone Z), and the TFGP Applicant was advised at the scoping stage to consider this within their assessment. The proponents of the Tilbury2 scheme have recently undertaken survey work for badgers and have found clear badger territorial markings[2] towards the centre of Walton Common (zone A – the main TFGP development site) which indicate that this is part of the home range of the Tilbury2 clan of badgers, and is likely to form an important foraging area for them. This would be lost to the TFGP proposals. The Applicant's proposed compensatory Common Land provision has the potential to provide the Tilbury2 badger clan with alternative foraging habitat, but careful consideration needs to be given to phasing to ensure that this habitat is available in advance of any loss of habitat within Walton Common. Furthermore, whilst the Applicant's primary location for alternative Common Land provision (zone F1) is ostensibly well located for the Tilbury2 badger social group, the Applicant must give consideration to how the badgers will be able to access this land both during construction and operation phases, and should ensure that continuity of access over the railway corridor can be maintained throughout. This also needs to be addressed in light of other cumulative considerations, including potentially the Lower Thames Crossing scheme. Note also that whilst the Applicant claims that there are no active setts within 30m of the site boundary, the proponents of the Tilbury2 scheme are aware of information to the contrary[3] and advise the Applicant to revisit this assessment as part of the ES.

Reptiles. As part of advance mitigation works for the Tilbury2 scheme, high quality reptile habitat has been created within zone Z, in a location which was intended to retain connectivity with wider reptile metapopulations in particular with the 'good using Walton Common (zone A) and the railway corridor. The TFGP Applicant proposes to create compensatory reptile habitat immediately north of the Tilbury2 site, within zone F1. By locating the compensatory habitat here, there is scope for connectivity to be maintained between this and the Tilbury2 reptile habitat creation area, as well as with the connected habitat within the Tilbury2 infrastructure corridor (zone Z). However, consideration will again need to be given to careful phasing of habitat provision, and maintenance of connectivity between these areas, in order to ensure that the viability of the on-site reptile mitigation already provided by the Tilbury2 scheme is not compromised. The TFGP Applicant is also reminded of the point made during scoping[4] that if zone F is intended to offer replacement common land it would logically be subject to grazing, the intensity of which would be beyond the control of the Applicant; and it therefore remains unclear how this would be compatible with the proposals for establishing compensatory reptile habitat here, nor with the proposals for scrub planting for birds.

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[1] Refer to planning consent reference 18/00448/FUL

[2] Tracks and a latrine site comprising nine dung pits found November 2018.

[3] By reference to a confidential badger annex supporting planning application reference 17/00412/FUL.

Clarity is also requested regarding the locations where the Applicant intends to use habitat clearance methods to displace reptiles (as per table 2.8, i.e. “Progressive and carefu clearance works such as the gradual strimming of above-ground vegetation such as brambles, rough grass and scrub, will be undertaken in select areas prior to construction, to deter reptiles from the working area where alternative habitat is available to them”), and confirmation is sought that this will not result in reptiles being unduly pushed into Tilbury2 land. Whilst the compensatory habitat provided in zone Z by the proponents of the Tilbury2 scheme is of high quality, there is a defined limit to its reptile carrying capacity, and TFGP must ensure that additional pressure is not put upon the Tilbury2 provision and the existing population of reptiles that it is required to support.

Water voles. Similarly, connectivity is a consideration in respect of water voles. Approx. 2.5km of new ditch habitat has been constructed as part of the Tillbury2 advance compensation works[5] within the parcel of land west of the TFGP main site (including zone Z). By choosing this location for the Tilbury2 ditch provision it was intended that connections would be maintained to existing colonies of water voles, such as those occupying zones A, B, C and I. It is not clear whether potential fragmentation effects arising from the TFGP proposals (in addition to the direct loss of water vole habitat), including via development of the access roads, have been considered by the TFGP Applicant, and reassurance is sought that this will be adequately assessed within the ES, and that TFGP will not generate adverse impacts on connectivity which could reduce the success of the compensatory habitat provision put forward by Tilbury2.

Great crested newt. Great crested newt survey work undertaken to inform this project appears to have omitted the ponds at Buckland Farm, despite these being within 100m of areas C and D (i.e. land for the gas pipeline corridor and access road). Previous survey work recorded a medium size-class population of great crested newts occupying this complex of ponds[6]. It is recommended that the statement in Table 2.7, i.e. that “Surveys and desk st have confirmed GCN are not present within the study a is revisited; and that the need for survey work is reviewed. The potential for impacts on this great crested newt population should be assessed as part of the application; and if impacts are identified, then consideration would need to be given to the suitability of the mitigation scheme provided.

Invertebrates. It is noted that the invertebrate survey work undertaken has not been extended beyond Walton Common (zone A) despite the potential for invertebrate habitat to be affected elsewhere within and adjacent to the TFGP site boundaries. Cumulative impacts on invertebrates also remain to be properly assessed at the landscape scale (for example there has been no specific consideration of impacts arising cumulatively with the Tilbury Energy Centre). Clarity is also sought regarding the proposals to mitigate for the impacts identified, as the section within the PEIR which deals with ‘Further mitigat enhancement’ for invertebrates (paragraphs 4.126) refers only to reptiles.

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[4] Tilbury2 Note on Thurrock Flexible Generation Plant, Annex 2. Available from: https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010092/EN010092-000089-TFGP%20-%20Scoping%20Opinion.pdf

[5] Refer to planning consent reference 18/00448/FUL

[6] Refer to planning application to Thurrock Council by RWE (ref:12/00890/OUT).

Cumulative Effects Assessment. The CEA relies heavily on the assumption that the Lower Thames Crossing (LTC) feeder/link road would generate larger potential cumulative impacts with Tilbury2 than TFGP would, and on the claim that this would effectively obviate any contribution from TFGP to, for example, effects on connectivity. Given that the link road is not an integral part of the LTC proposals and may not ultimately come forward as part of the LTC scheme, the TFGP Applicants are advised to reconsider the potential for cumulative effects with Tilbury2 (particularly as relates to habitat and species metapopulation fragmentation) in the absence of the LTC link.

Public Health
England

CRCE/NSIP Consultations
Chilton
Didcot
Oxfordshire OX11 0RQ

www.gov.uk/phe

Mr Andrew Troup
Director
Thurrock Power
1st Floor 145 Kensington Church Street
London W8 7LP

Our Ref: 49028

28th November 2018

Dear Mr Troup

Section 42 Consultation : Flexible Generation Power Plant in Thurrock

Thank you for your consultation regarding the above development. Public Health England (PHE) welcomes the opportunity to comment on your proposals and preliminary environmental information report (PEIR) at this stage of the project.

An opinion to the scoping document was provided by us to the Planning Inspectorate on the 17th October 2018.

PHE exists to protect and improve the nation's health and wellbeing, and reduce health inequalities; these two organisational aims are reflected in the way we review and respond to Nationally Significant Infrastructure Project (NSIP) applications.
The health of an individual or a population is the result of a complex interaction of a wide UDQJH RI GLIIHUHQW GHWHUPLQDQWV RI KHDOWK IUR
to lifestyles and behaviours, and the communities, local economy, built and natural environments to global ecosystem trends. All developments will have some effect on the determinants of health, which in turn will influence the health and wellbeing of the general population, vulnerable groups and individual people. Although assessing impacts on health beyond direct effects from for example emissions to air or road traffic incidents is complex, there is a need to ensure a proportionate assessment IRFXVHG RQ DQ DSSOLFDWLRQ¶V VLJQLILFDQW HIIHFWV

PHE has considered the submitted documentation and at this point has a number of specific observations and comments.

Contribution from PHE Centre for Radiation, Chemical and Environmental Hazards (CRCE)

As highlighted in the PIER there are a number of residential developments in varying stages of the planning process close to the development site. We would welcome the addition of these sites to the list of sensitive receptors used to estimate operational impacts to local air quality (i.e. nitrogen dioxide ($NO_2$)), with cumulative impacts from other developments in the area.

Construction activities generate dust which should be addressed in a mitigation plan. Reducing public exposures to non-threshold pollutants (such as particulate matter and $NO_2$) below air quality standards has potential public health benefits. We support approaches which minimise or mitigate public exposure to non-threshold air pollutants, address inequalities (in exposure), and maximise co-benefits (such as physical exercise) and encourage their consideration during development design, environmental and health impact assessment, and development consent.

Human Health and Wellbeing

Availability and Access to Green Space

Availability of and access to safe open green space is associated with increased physical activity across a variety of behaviours, social connectedness, childhood development, reduced risk of overweight and obesity and improved physical and mental health outcomes. While the quantity of green space in a neighbourhood helps to promote physical activity and is beneficial to physical health, e.g. lower rates of mortality from cardiovascular disease and respiratory disease in men, the availability of green environments is likely to contribute more to mental health than to physical health: the prevalence of some disease clusters, particularly anxiety and depression, is lower in living environments which have more green space within a 1-km radius. The proximity, size, type, quality, distribution, density and context of green space are also important factors. Quality of green space may be a better predictor of health than quantity, and any type of green space in a neighbourhood does not necessarily act as a venue for, or will encourage, physical activity. 'Walkable' green environments are important for better health, and streetscape greenery is as strongly related to self-reported health as green areas. Residents in deprived areas are more likely to perceive access to green space as difficult, to report poorer safety, to visit the green space less frequently and to have lower levels of physical activity. The benefits to health and wellbeing of blue space include lower psychological distress. "

We note that table 2.6 of Chapter 13: Human Health assessment scopes out access to key public services, transport or use of open space for recreation and physical activity during both the development and operational phases due ³the majority of the development site being agricultural land.´

There is however an area of common land impacted by this development. Chapter 13, table 2.7 : designed in measures QRWHV WKDW ³$Q\ FRPPRQ ODQG R
which is lost as a result of the proposed development would be replaced to ensure WKDW WKHUH DUH QR DGYHUVH LPSDFWV´. This is reinforced by paragraph 4.9.7 of the non-technical summary which states ³The exchange Common Land provided would maintain this resource for public access, with a slight improvement to accessibility as crossing the railway is no longer needed. No adverse effect on health and wellbeing due to changes in green space available for exercise and recreation is predicted.´

Recommendation

Given the apparent contradiction between tables 2.6 and 2.7 of chapter 13 we request that details of access to, and potential disruption of, public footpaths, bridleways, common land or other green space be further clarified in subsequent submissions. This should include details of any effects and any proposed mitigation. Where common land or access to land is replaced, it should be demonstrated that the replacement land is comparable, of good quality and that overall access to any green space is not adversely affected.

Mental health / community engagement

Mental health / community engagement – the scoping report does not identify details of engagement prior to and during the construction phase and impacts on mental health of the development. We welcome the inclusion of local community liaison in the Code of Construction Practice (CoCP). Paragraph 2.3.1 and 2.3.2 of that document contain outline information on the proposed liaison activities but we recommend that the method of community liaison be further clarified prior to the next stage of consultation.

Engagement with local communities that are affected can be important in mitigating distress and the impacts on mental health and wellbeing. Mental well-being is fundamental to achieving a healthy, resilient and thriving population. It underpins healthy lifestyles, physical health, educational attainment, employment and productivity, relationships, community safety and cohesion and quality of life. Good community engagement can assist with the over-arching protective factors, which are:
- Enhancing control
- Increasing resilience and community assets
- Facilitating participation and promoting incl

Recommendation

The ES should ensure adequate consultation with local communities and the local public health / health care system during the development of the Environmental Statement for the assessment of baselines and potential impacts at local level on mental health.

If you require any clarification on the above points or wish to discuss any particular issues, please do not hesitate to contact us.

Yours sincerely,

On behalf of Public Health England

nsipconsultations@phe.gov.uk
Please mark any correspondence for the attention of National Infrastructure Planning Administration.

**Thurrock Flexible Generation Plant – Proposed development by Thurrock Power Limited**

**Royal Mail Group Limited section 42 Consultation response**

## Introduction

Reference the email dated 21 December 2018 from Thurrock Power Limited to Royal Mail inviting a consultation response under section 42(1) (a) of the Planning Act 2008, Royal's Mail's consultation response is set out below.

## Royal Mail– relevant information

Under section 35 of the Postal Services Act 2011 (the "Act"), Royal Mail has been designated by Ofcom (the independent communications regulator) as a provider of the Universal Postal Service.

Royal Mail is the only such provider in the United Kingdom. Its services are regulated by the Communications Industry Regulator, Ofcom.

In respect of its postal services functions, section 29 of the Act provides that Ofcom's primary regulatory duty is to secure the provision of the Universal Postal Service. Ofcom discharges this duty by imposing regulatory conditions on Royal Mail, requiring it to provide the Universal Postal Service.

By sections 30 and 31 of the Act (read with sections 32 and 33) there is a set of minimum standards for Universal Service Providers, which Ofcom must secure. The conditions imposed by Ofcom reflect those standards. There is, in effect, a statutory obligation on Royal Mail to provide at least one collection from letterboxes and post offices six days a week and one delivery of letters to all 29 million homes and businesses in the UK six days a week (five days a week for parcels). Royal Mail must also provide a range of "end to end" services meeting users' needs, e.g. First Class, Second Class, Special Delivery by 1 pm, International and Redirections services.

Royal Mail is under some of the highest specification performance obligations for quality of service in Europe. Its performance of the Universal Service Provider obligations is in the public interest and should not be affected detrimentally by any statutorily authorised project.

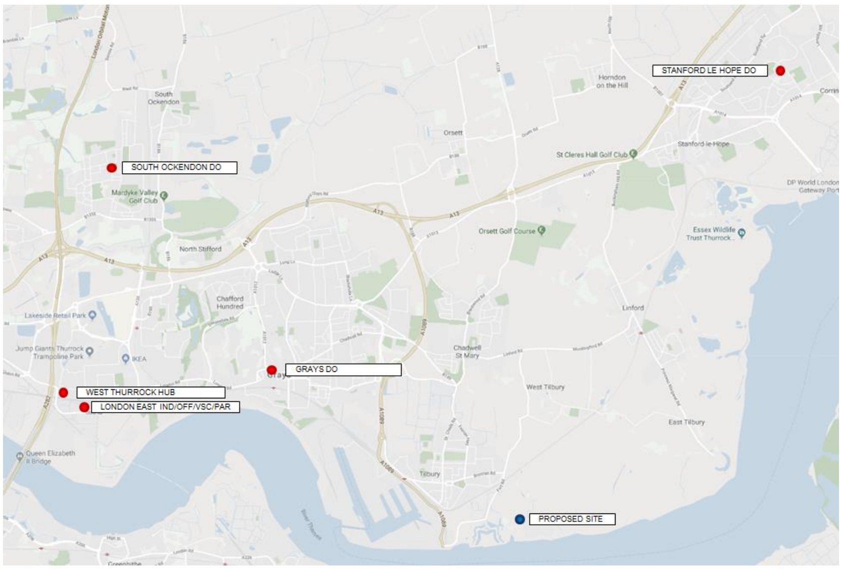
Royal Mail's postal sorting and delivery operations rely heavily on road communications. Royal Mail's ability to provide efficient mail collection, sorting and delivery to the public is sensitive to changes in the capacity of the highway network.

Royal Mail is a major road user nationally. Disruption to the highway network and traffic delays can have direct consequences on Royal Mail's operations, its ability to meet the Universal Service Obligation and comply with the regulatory regime for postal services thereby presenting a significant risk to Royal Mail's business.

**Potential impacts of the scheme on Royal Mail**

Royal Mail's has five operational properties within 8 miles of the Thurrock Flexible Generation Plant site, as identified on the schedule and plan below:

| | | |
|---|---|---|
| GRAYS Delivery Office | HOGG LANE<br>RM17 5QB | 4.3 miles |
| LONDON EAST Offices / Vehicle Service Centre / Parking | OLIVER ROAD<br>RM20 3ED | 6.9 miles |
| WEST THURROCK Mail HUB | UNIT 6B TRADE LINK<br>WESTON AVE<br>RM20 3FJ | 7.1 miles |
| STANFORD LE HOPE Delivery Office | 30 ST JOHNS WAY<br>SS17 7LH | 7.7 miles |
| SOUTH OCKENDON Delivery Office | DERRY AVENUE<br>RM15 5DU | 7.8 miles |


STANFORD LE HOPE DO
SOUTH OCKENDON DO
GRAYS DO
WEST THURROCK HUB
LONDON EAST IND/OFF/VSC/PAR
PROPOSED SITE
South Ockendon
Horndon on the Hill
Orsett
Stanford-le-Hope
St Cleres Hall Golf Club
Mardyke Valley Golf Club
North Stifford
Orsett Golf Course
Essex Wildlife Trust Thurrock
DP World London Gateway Port
Chafford Hundred
Lakeside Retail Park
Jump Giants Thurrock Trampoline Park
IKEA
Linford
Chadwell St Mary
West Tilbury
East Tilbury
Tilbury
Queen Elizabeth II Bridge
A13
A1089
A282

The location, nature and scale of the proposed Thurrock Flexible Generation Plant may present risk of construction phase impact / delays to Royal Mail's road based operations on the surrounding road network.

Also, in exercising its statutory duties Royal Mail vehicles use on a daily basis all of the local roads that may potentially be affected by additional traffic arising from the construction of this proposed new peaking plant.

Royal Mail is concerned about the potential for disruption to its operations during the construction phase. In order to address this, Royal Mail requires more information and certainty about traffic management measures that will be put in place to mitigate construction impacts on traffic flows within the surrounding local highway network.

Royal Mail wishes to ensure the protection of its future ability to provide an efficient mail sorting and delivery service to the public in accordance with its statutory obligations which may be adversely affected by the construction and operation of this proposed scheme.

**Royal Mail's position on the scheme as at December 2018**

Royal Mail requests that:

1. Thurrock Power Limited's forthcoming DCO application offers a requirement that Royal Mail is pre-consulted by the County Council or its contractors on any proposed road closures/ diversions/ alternative access arrangements, hours of working and the content of the final Construction Traffic Management Plan (CTMP).

2. The forthcoming DCO application offers a requirement that the final CTMP includes provision for a mechanism to inform major road users about works affecting the local network (with particular regard to Royal Mail's distribution facilities in the vicinity of the DCO application boundary).

The above requests, as made by Royal Mail at the section 42 consultation stage of another NSIP proposal have been agreed and actioned by the developer to the satisfaction of Royal Mail, resulting in no further action by Royal Mail as a statutory consultee.

Royal Mail is able to supply information on its road usage / trips if required.

Should PINS or Thurrock Power Limited have any queries in relation to the above then in the first instance please contact Holly Trotman ***(holly.trotman@royalmail.com)*** of Royal Mail's Legal Services Team or Daniel Parry-Jones ***(daniel.parry-jones@bnpparibas.com)*** of BNP Paribas Real Estate.

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NRSWA Department
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nrswa@sky.uk ☎ +44 20703232234

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Tim Neale | Principal Planner
Spatial Planning (East) | City Planning
Phone: 020 3054 7036 (Auto 87036) Mobile: 0789 400 5819
Level 9 (9B5), 5 Endeavour Square, Westfield Avenue, Stratford E20 1JN
timothyneale@tfl.gov.uk

We have recently made changes to our pre-application service and charges, and introduced a new Initial Screening process. - -.. . + . # + + + . + . + +

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THURROCK POWER

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18/01649/SCO

## Ecology

Thurrock Council notes that the revised scheme no longer includes the cooling water option. This is welcomed as it will reduce the effects of the scheme on the saltmarsh habitats and other ecological features.

Thurrock council is not aware of any records of otter, dormice or white-clawed crayfish being present in the vicinity or of any suitable habitat to support these features. The Essex Field Club records would have been helpful in confirming this. The council is pleased to see that their records will be used in the ES

The reports detail the proposed mitigation measures for the various species and habitats that would be affected by the proposals. In some cases the assessment concludes that the residual effects of the mitigation could be beneficial (albeit at a minor level). The assessment does not however identify measures that could deliver biodiversity net gain as supported in the NPPF 2018. Opportunities to deliver such gains should be detailed in the emerging ES

The council previously stated that it wanted to see dialogue between the adjoining DCO schemes to help deliver linkages between the different mitigation schemes to ensure that connectivity is maximised. The Council is pleased to see that the applicant is willing to explore opportunities although it is noted that they do not intend to lead on this.

(Chris do you think that this is something that the council could offer to facilitate or shall we leave it to those with the resources?!)

## Landscape

The Council has previously agreed the general approach and key viewpoint receptors.

The council would welcome the opportunity to discuss the emerging landscape mitigation strategy which is to form part of the ES.

Table 2.7 indicates that the applicant would be willing to support measures to restore hedgerows local to the scheme not directly affected by the development. This is welcomed however it will be necessary for more detail to be provided as to the area where this is proposed, how it relates to the DCO schemes in the vicinity and how it will be delivered and maintained. It will be necessary to determine if these measures will be included within the redline boundary or delivered via another mechanism e.g. s106.

The main adverse visual effects arising from the main development site will be experienced around the West Tilbury area. It is agreed that the effects are less likely to be significant beyond this area. The Cumulative Wire Lines do show how the effects of the separate DCO schemes will start to have significant effects of wider views.

The council is concerned however about the landscape and visual effects caused by the construction routes. For example the route running north-south would directly affect West Tilbury Conservation Area.

# INTERDEPARTMENTAL MEMORANDUM

| | |
|---|---|
| From: Environmental Protection Team | To: Planning, Transportation & Public Protection Department Place Directorate |
| TEL: 01375 652096 | FAO Chris Purvis |
| MY REF: CDP 18/28588/PLACON | |
| DATE: 12/12/18 | YOUR REF 18/01649/SCO |

SUBJECT Comments required for the Preliminary Environmental Information Report (PEIR) for a future NSIP/DCO for the construction, operation and decommissioning of a gas fired flexible electricity generation plant and battery storage facility, known as the Thurrock Flexible Generation Plant.
Location: Thurrock Flexible Generation Plant Fort Road Tilbury Essex

Air quality Statement (Dean Page Air Quality Officer)

The Preliminary Environmental Impact Assessment (PEIR) for air quality has taken a conservative approach in determining the impact of the proposed Generation Plant using worst case operation in terms of its operating capacity/ emissions in the dispersion modelling. The assessment has used a conservative based background estimation in the modelling assuming that there will be no improvement in background concentrations once operational.

In addition the assessment has considered the joint cumulative impact of additional processes or schemes which contribute to emissions i.e. Lower Thames Crossing, Tilbury Energy Centre, Tilbury2 Port Expansion and Tilbury Green Power.

Various Scenarios have been undertaken which ultimately incorporate all of the above which UHSUHVHQW DQ HQG FDVH VFHQDULR ZKLFK LV GHHPHG ³:RUVW & long-term impact at modelled receptors shows that for nitrogen dioxide ($NO_2$) there will be five moderate adverse impacts at Fort Road, Sandhurst Road, Walnut Tree Farm, the School along Calcutta Road and at R9 on Dock Road. However all of these fall below Air Quality Assessment Level (AQAL). The overall Process Contribution (PC) at each of these receptors varies, the worst PC is at Walnut Tree Farm at 4.2 ug/m$^{-3}$, the cumulative Process Environmental Contribution is 23.8 ug/m$^{-3}$, however this is well below the 40 ug/m$^{-3}$ AQAL, so this is unlikely to be an issue.

The highest PEC is found at the School site along Calcutta Road at 38 ug/m$^{-3}$ classed as a moderate impact descriptor for the PEC. This accounts for 95% of the PEC as % of the AQAL. The PC here accounts for 1.2 ug/m$^{-3}$, and has a slight impact descriptor from the PC, and hence is not significant overall.

Overall I am satisfied that the proposed development will not have a significant impact in terms of air quality, none of the modelled receptors within Thurrock are above the air quality objectives as a result of the operational side of development or the cumulatively assessed processes and schemes. The assessment has adopted a conservative approach in its modelling assuming worst case emissions from all activities, the likely impact will not be as high as those shown in the assessment. On this basis I have no air quality concerns for this proposed development.

Section 2.2 code of construction practice

Currently no adverse comments regarding this document It is noted that an updated CoCP will accompany the Environmental Statement (ES) ( section 1,3,1) further comment can be made if required.

The proposed hours of construction are acceptable.

Construction noise

Appendix 11.3 Construction noise assessment methodology and results is not accessible from the website at the time of writing and cannot be commented on at this stage

Noise - -M Gentry EHO.

I have reviewed the noise chapter by RPS and the relevant noise appendices (that were available at the time of review) and the Volume 4 summaries of the Inter Related, cumulative and residual effects respectively.

The chapter and appendices covers all the necessary areas of noise impact in a satisfactory and comprehensive manner and as such I have no adverse comments to make. However I would like the opportunity to review the Construction noise assessment Appendix 11.3 mentioned above. Appendix 11.5 'Standards and Guidance Relevant to Noise and Vibration´ LV DOVR LQDFFHVV this time, but is unlikely to contain any information of which I am unaware.

Thurrock Borough Council
Environmental Health Officer
Environmental Protection Team

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Good Afternoon,

The scope of any flood risk assessment and drainage strategy should be in line with the following documents:

- Non-statutory technical standards for sustainable drainage systems
- Essex County Council's (ECC's) adopted Sustainable Drainage Systems Design Guide
- The CIRIA SUDS Manual (C753)
- BS8582 Code of practice for surface water management for development sites.

Kind Regards,

Richard Horswill
Development and Flood Risk Officer
Sustainability and Resilience
Waste and Environment

Essex County Council | E3 County Hall | Chelmsford | CM1 1QH

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Planning consultation please see attached application 18/01649/SCO, - Chris Purvis - UNCLASSIFIED

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**Place Services**
Essex County Council
County Hall, Chelmsford
Essex, CM1 1QH

**T:** 0333 013 6840
**www.placeservices.co.uk**

Chris Purvis
Development Management
Thurrock Council
Civic Offices
New Road
Grays
Essex
RM17 6SL

Our ref:
Date: 5th December 2018

Specialist Archaeological Advice

Dear Chris

18/01649/SCO : Thurrock Flexible Generation Plant , Fort Road , Tilbury

The Historic Environment Advisor to Thurrock Council has identified the above scoping application on the weekly list.

Following the meeting at Thurrock¶ offices in November with the applicants and Historic England there was agreement that a detailed assessment of the cultural heritage will be required which will need to include an integrated assessment of the standing buildings, the conservation area, the impact on the scheduled monuments and the below ground archaeological deposits along with the setting of all the heritage assets impacted.

The proposed development will continue to erode the setting of the scheduled monuments both on the coast and that further inland at West Tilbury. The direct impact of the development on below ground archaeological deposits will need to be defined, especially in the area of the proposed power plant, its associated construction road and pipeline corridor.

Continued joint discussions with the archaeological consultants, Historic England and ourselves will be required to obtain a detailed understanding of the impact of the proposed development on the historic environment assets within the area of the development.

If you have any questions please do not hesitate to contact me.

Yours sincerely

Richard Havis
Principal Historic Environment Advisor

Telephone: 03330 136849
Email: richard.havis@essex.gov.uk

NOTE : This letter is advisory and should only be considered as the opinion formed by specialist staff in relation to this particular matter

thurrock.gov.uk
Civic Offices, New Road, Grays
Essex RM17 6SL

Chris Purvis
Planning and Growth Team
Thurrock Council Offices
New Road
Grays
Essex RM17 6SL
Monday 10th December 2018.

Dear Chris,

R.E. t 18/01649/SCO t Public Health comments on the Preliminary Environmental Information Report on the development of the Thurrock Flexible Generation Plant, Tilbury, Essex.

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With regards to this PEIR report and any subsequent planning application that will be informed by this consultation, it is felt important that consideration is paid to the potential human health impacts in respect of this proposed development. This relates to the health and wellbeing of any person(s) employed both during construction and operational stages, local residents living in communities within close proximity to the proposed development and the wider community as a whole where impacts may be felt.

Public Health is pleased to see that there is a chapter that has been developed around human Health and that our previous responses have been acknowledged within this. In addition to our original EIA comments we would like to add the following points;

Based on the information provided in the PEIR report document there were a some areas identified that require further clarification although some of these issues have been touched upon within the PEIR.

The impacts are considered based on their magnitude, duration and reversibility.

Table 2.1 heath determinants survey

- Please include information around the method, frequency and reporting of findings of the assessment, will they be included in the air quality assessment and noise assessment?

2.3 Baseline Study

Local communities and baseline data collection:

Assessment methodology

Decommissioning phase will need to account for any new communities and infrastructure that has emerged during the operational timeframe (est. 35 years).

While the methodology selected appears sound and the scope of it covers everything that we would expect to see in relation to Human Health, we have some concerns on the level of granularity of the assessment in terms of the specific community of Tilbury that will be most affected. We would like to see that ward level data is drawn upon in making the assessment and would request that this ward level data be included.

We are concerned that due to the number of impacts combined and the health inequalities observed in residents living in Tilbury, that even small changes in the environment could potentially have a further additional detrimental impact on the health outcomes for these residents. The use of specific Ward level data would enable a better understanding of the overall impact to ensure mitigation is proportionate and sufficient for the population.

It is also not clear from the document that the local community in Tilbury have been consulted and what their concerns might be in relation to this development around their health and well-being, and how this has been fed into the assessments made in this report. We request that this is clarified.

Urban Greening and Landscaping further details

Visually pleasing environments are beneficial for mental health and wellbeing and can support people to spend more time outside being physically active, feel safe in their local communities, enhance a sense of pride of their local area and increase social cohesion.

Noise Exposure

It is stated that there is the possibility of piling and dredging noise which may affect the population of Tilbury during construction. A cumulative assessment of current noise levels and modelled noise levels from this and other new and emerging developments should be undertaken and used as part of the noise impact assessment. Public Health would like to see the noise impact assessment and strategies to alleviate this, as ongoing noise at a significant level can have a detrimental impact on mental health. The high health needs of the Tilbury population could lead to exacerbation of existing conditions such as circulatory disease etc.

The document states construction activities would take place during day time hours only, please clarify hours and days

We hope that our above comments will be reviewed and included as deemed appropriate within the PEIR response and any subsequent planning application. If you wish to discuss any of the items raised within this

Yours Sincerely,

Sue Bradish
Public Health Commissioning Manager

# Highways Response

To:- Development Management

From: Highways Development Control

This matter is being dealt with by: Steven Lines

Date: 20th December 2018

Application No. 18/01649/SCO

Address: Thurrock Flexible Generation Plant, Fort Road, Tilbury, Essex,

Proposal: Comments required for the Preliminary Environmental Information Report (PEIR) for a future NSIP/DCO for the construction, operation and decommissioning of a gas fired flexible electricity generation plant and battery storage facility, known as the Thurrock Flexible Generation Plant.

RECOMMENDATION: Scoping App Response

The Transport Assessment submitted as part of the PIER appears to cover all of the points raised by the Highways Response to the previous Scoping Submission (18/4044/SCO)

The Haul road put forward (if achievable) would be the preferred construction route access for the site as it keeps traffic away from residential areas and off the local road network.

Highways England will need to be consulted with regards to proposals affecting their part of the highway network.

Regards: Steven Lines
Date: 20th December 2018

**Place Services**
Essex County Council
County Hall, Chelmsford
Essex, CM1 1QH

**T:** 0333 013 6840
**www.placeservices.co.uk**

11 January 2019

Dear Matthew Jericho,

RE: RESPONSE REQUIRED: Proposed Flexible Generation Power Plant in Thurrock

This letter contains input from Place Services on the Thurrock Flexible Generation Power Plant PIER Consultation.

<Historic Environment > ±<Richard Havis > 31/12/2018

General Comments: A detailed assessment of the cultural heritage will be required which will need to include an integrated assessment of the standing buildings, conservation areas, scheduled monuments and the below ground archaeological deposits along with the setting of all the heritage assets impacted.

The proposed development will continue to erode the setting of the scheduled monuments both on the coast and that further inland at West Tilbury. The direct impact of the development on below ground archaeological deposits will need to be defined, especially in the area of the proposed power plant, its associated construction road and pipeline corridor.

Continued joint discussions with the archaeological consultants, Historic England and Place Services representing both ECC and Thurrock Council will be required to obtain a detailed understanding of the impact of the proposed development on the historic environment assets within the area of the development.

Section Specific Comments:

The following table provides more specific comments by section:

| Section | Comment |
|---|---|
| 4.3.6 | The presence of six scheduled monuments within a relatively close distance means that a detailed assessment of the setting of these monuments will be required for this proposal. The setting of sites such as Tilbury Fort are already under threat from the industrial development of this area. |
| 4.3.8 | This section is wrong in that there is high potential for surviving coastal industries dating back to the Late Iron Age and Roman periods. Excavation at the London Gateway development |

| Section | Comment |
|---|---|
| | identified extensive salt making sites on the marshland extending over many hectares. An appropriate programme of archaeological investigation will be required to assess the site and its associated features such as the pipeline routes, to identify the importance and extent of any surviving archaeological deposits which will be affected by the development. |
| 4.3.10 | The present demolition of Tilbury power station will create a significant improvement to the setting of Tilbury Fort and this is due to be completed in the near future. This section should review the impact in light of the loss of the Tilbury Power Station site. |
| | It is unclear whether this section is complete. There is no mention on the visual impact this development will have on the Scheduled Monument, conservation area and listed buildings within West Tilbury whose setting will be impacted by the development of this site. |

## <Landscape > ±<Anne Westover > 10/01/2019

Section Specific Comments:

The following table provides more specific comments by section:

Further to my scoping response I welcome the additional viewpoints selected and also the provision of photograph and wireframe illustrations for these.

I have now reviewed elements of the PEIR Summary and Chapter 6 Landscape and Visual Resources.

| Section | Comment |
|---|---|
| Page 17 Table 1.3 | I support the comment made by the Public Health commissioning manager TBC in the scoping response and summarised within the PEIR:<br>µ:H ZRXOG DOVR OLNH DV SDUW RI WKH VRFLR-economic and amenity element, to touch on the Landscape and visual effects LVIA that is to be undertaken and suggest that consideration be paid to the potentially negative effects to emotional wellbeing and potential decrease in civic pride that could be felt by Thurrock residents through bad visual planning, as well as potential economic effects on the locality by the negativity of visitors from outside the borough to the historical sites and SSI areas. It is suggested that consultation with other developments in agreeing a SODQ DURXQG JUHHQLQJ FRORXUV DQG SODQWLQJ WR<br>I note that Table 2.7 provided gives little detail around these matters at present but this should be in considerable detail for the EIA submission. |

| Section | Comment |
|---|---|
| | |
| Page 13 Table 1.3 | The boundary of the DCO should not prohibit necessary landscape mitigation |
| Page 30 | Reference to lighting on page 30:<br>µ'LUHFWLRQDO PRWLRQ-activated security lighting used at main development site (Zone A) and above ground installation for gas connection (Zone E)<br>Reasonable maximum potential night-time visual impact. As the flexible generation plant is not manned on-site during normal operation, full-time lighting at night is not rHTXLUH<br>I welcome this approach however it seems unlikely that some form of lighting for the main site will not be required particularly given the proposed engine stack heights<br>Lighting proposals and impacts for all aspects of the development in terms of the construction and operational development phases will need to be clearly set out within the EIA. |
| Page 30 | The retained access road / track through Zone C is likely to have visual impact, in addition the possible retention of the temporary access road through Zone J. This possible retention of the route is referred to in Table 2.6. These will need to be designed to minimise both physical and visual impact with appropriate landscape mitigation/enhancement measures incorporated. The LVIA will need to assess impact, both in short and longer term and propose suitable mitigation/landscape enhancement, there may be locations (Zone J is more restricted) where this will need to be outside the DCO boundary and therefore off-site. Proposals such as hedgerow, and tree planting, may be appropriate. |
| Page 31 | 3DUD , VXSSRUW WKH EURDG RXWOLQH SURYLGHG L VFKHPH DQG 0DQDJHPHQW 3ODQ¶ +RZHYHU WKHUH his LV O matter. Securing the long term management of landscape elements (and ecological management) both within and off-site will need to be secured via appropriate legal agreements. Again there is an opportunity for this to be dealt with in conjunction with other developments/developers for the Port and Tilbury energy centre particularly in respect of the cumulative landscape impacts and mitigation measures. |
| Page 32 Current baseline and zones | Installations at Zone E will need to be presented and evaluated in terms of local impact.<br>Landscape mitigation, enhancement/restoration measures are likely to be needed at Zones D and E.<br>I note the reference to Zone F1, the exchange common land, and the zone where landscape mitigation could be provided. Elsewhere this is described as the µSULPDU\ DUHD IRU PLWLJDWLRQ¶ This is of concern.<br>The scheme of landscape mitigation should deal with the adverse impacts arising from the |

| Section | Comment |
|---|---|
|  | various elements and phases of the development experienced by receptors over a wider area. Zone F1 may be suitable for some aspects of mitigation, in certain views and subject to other land uses proposed and ecological considerations.<br>However other adverse impacts will need to be dealt with appropriately including provision for landscape mitigation within/bounding the main construction zone A. |
| Page 72 | Para 6.3.1 states that:<br>Fieldwork based on the responses received in the Scoping Opinion will be completed. This will include winter photography from selected viewpoints, after the leaves have fallen from the trees. Following consultation on the PEIR any additional photography will be taken at the same time. This information will be analysed and incorporated into the assessment. The night time baseline will be established. Following these further studies and in consultation with other specialists, landscape mitigation proposals will be produced, and will form part of an outline Landscape Scheme and Management 3ODQ ¶<br>7DEOH VWDWHV XQGHU: µSURSRVHG PRQLWRULQJ¶<br>Five year defects liability period as part of a Landscape Scheme and Management Plan to be produced.<br>Depending on the form and timescale for the landscape and ecological management plan this may not be a sufficient timescale. The DLP may be sufficient in terms of the contractual (landscape) responsibilities only but long term management proposals will need to ensure they encapsulate successful establishment i.e. minimum 20 years.<br>I support the approach outlined in 6.3.1. However I reiterate my comments at scoping stage 4th September:<br>Mitigation measures will need to be identified and these should be designed to accord with the key characteristics and qualities of the neighbouring landscape character areas. The Tilbury urban area, West Tilbury, Tilbury Marshes and Chadwell escarpment LCA areas are likely to experience the most significant visual impacts and measures to mitigate impacts and reinforce the landscape condition should be designed accordingly.<br>Where the identified landscape measures fall outside the DCO boundary line then specific agreements to ensure that works are secured, delivered (funded and implemented) and managed appropriately will need to be formulated.<br>We (that is ECC) have previously suggested that a Landscape Mitigation Fund be set up and funded from the various major developments within the area and used to fund landscape mitigation projects and enable management measures/projects to be undertaken. |

| Section | Comment |
|---|---|
| | |
| | I have not commented on the current findings of the LVIA |
| | The viewpoint photographs and character photographs are of excellent quality and will assist with the assessment process. I note the commentary around further updates to take into account winter months/no foliage. |
| | The wireline images are also excellent both for the FGP alone and the cumulative wireframes. I advise that these also be labled in terms of location (not just number) to enable quick reference without having to refer to the location map. This has been done for the viewpoint and character photographs and is immensely helpful. |
| Page 21 Outline ecological management plan | This states that:<br>8.2.2 A detailed landscape and ecology management plan would be produced that includes management regimes for ecological habitats and features as given on the indicative mitigation plan (Figure 4.1). I note that the proposals extend to F1, I and F2 only.<br>The landscape and ecological management plan and mitigation proposals should be worked up together as a joint document. Proposals should also incorporate all the wider landscape mitigation measures for the development zones and in particular zones A, C where permanent construction elements are proposed and Zone I where the construction laydown zone is likely to have significant impacts. |

If you have any queries regarding the information contained in this letter please do not hesitate to contact Place Services.

Regards,

Jonathan Crane
Principal Planning Consultant
Place Services | Essex County Council

Tel: 03330 136847
Email: jonathan.crane@essex.gov.uk
Web: www.placeservices.co.uk

Please note: This information contained within this letter is advisory and should only be considered as the opinion formed by specialist staff in relation to this particular matter.

thurrock.gov.uk

Civic Offices, New Road, Grays Essex, RM17 6SL

Development Management

Applicant: Stratera Energy
Simon Gamage
20 Western Avenue
Milton Park
Abingdon
Oxfordshire OX14 4SH.
United Kingdom

Our Ref: 18/01649/SCO

E-Mail: dm@thurrock.gov.uk

Date: 21 December 2018

Dear Mr Gamage

Reference: 18/01649/SCO
Proposal: Comments required for the Preliminary Environmental Information Report (PEIR) for a future NSIP/DCO for the construction, operation and decommissioning of a gas fired flexible electricity generation plant and battery storage facility, known as the Thurrock Flexible Generation Plant.
Location: Thurrock Flexible Generation Plant Fort Road Tilbury

I refer to your letter dated (undated) regarding the above matter and your request that the Council provide views on the Preliminary Environmental Information Report (PEIR) for a future NSIP/DCO for the construction, operation and decommissioning of a gas fired flexible electricity generation plant and battery storage facility, known as the Thurrock Flexible Generation Plant.

The LPA has consulted internally with the following internal consultees:

- Thurrock Council: Environmental Health;
- Thurrock Council: Flood Risk Advisor;
- Thurrock Council: Highways;
- Thurrock Council: Landscape and Ecology Advisor;
- Thurrock Council: Listed Buildings and Conservation Advisor; and
- Thurrock Council: Public Health.

All consultation responses can be viewed via the website link below using the application reference provided:
https://www.thurrock.gov.uk/search-planning-records/planning-records-online

Content of the Preliminary Environmental Information Report (PEIR)

Based on the consultation responses received and my review of the PEIR I am satisfied that this list of topics demonstrates an assessment of the likely significant environmental impacts of the proposal but I also request that the comments from the Thurrock Council consultation process are taken into consideration.

Summary

I trust that the above comments and enclosures are of assistance. The above information
LV JLYHQ ZLWKRXW SUHMXGLFH WR WKH /3$¶V IXWXUH FRP
submission pursuant to the 2008 Act.

Yours sincerely

Chris Purvis
Principal Planning Officer (Major Applications)

# Highways Response

| | |
|---|---|
| To:- | Development Management |
| From: | Highways Development Control |
| This matter is being dealt with by: | Steven Lines |
| Date: | 20th December 2018 |
| Application No. | 18/01649/SCO |
| Address: | Thurrock Flexible Generation Plant, Fort Road, Tilbury, Essex, |
| Proposal: | Comments required for the Preliminary Environmental Information Report (PEIR) for a future NSIP/DCO for the construction, operation and decommissioning of a gas fired flexible electricity generation plant and battery storage facility, known as the Thurrock Flexible Generation Plant. |

RECOMMENDATION: Scoping App Response

The Transport Assessment submitted as part of the PIER appears to cover all of the points raised by the Highways Response to the previous Scoping Submission (18/4044/SCO)

The Haul road put forward (if achievable) would be the preferred construction route access for the site as it keeps traffic away from residential areas and off the local road network.

Highways England will need to be consulted with regards to proposals affecting their part of the highway network.

Regards: Steven Lines
Date: 20th December 2018

**Place Services**
Essex County Council
County Hall, Chelmsford
Essex, CM1 1QH

**T:** 0333 013 6840
**www.placeservices.co.uk**

Chris Purvis
Development Management
Thurrock Council
Civic Offices
New Road
Grays
Essex
RM17 6SL

Our ref:
Date: 5th December 2018

## Specialist Archaeological Advice

Dear Chris

18/01649/SCO : Thurrock Flexible Generation Plant , Fort Road , Tilbury

The Historic Environment Advisor to Thurrock Council has identified the above scoping application on the weekly list.

Following the meeting at Thurrock¶ offices in November with the applicants and Historic England there was agreement that a detailed assessment of the cultural heritage will be required which will need to include an integrated assessment of the standing buildings, the conservation area, the impact on the scheduled monuments and the below ground archaeological deposits along with the setting of all the heritage assets impacted.

The proposed development will continue to erode the setting of the scheduled monuments both on the coast and that further inland at West Tilbury. The direct impact of the development on below ground archaeological deposits will need to be defined, especially in the area of the proposed power plant, its associated construction road and pipeline corridor.

Continued joint discussions with the archaeological consultants, Historic England and ourselves will be required to obtain a detailed understanding of the impact of the proposed development on the historic environment assets within the area of the development.

If you have any questions please do not hesitate to contact me.

Yours sincerely

R.J Havis

Richard Havis
Principal Historic Environment Advisor

Telephone: 03330 136849
Email: richard.havis@essex.gov.uk

NOTE : This letter is advisory and should only be considered as the opinion formed by specialist staff in relation to this particular matter

thurrock.gov.uk
Civic Offices, New Road, Grays
Essex RM17 6SL

Chris Purvis
Planning and Growth Team
Thurrock Council Offices
New Road
Grays
Essex RM17 6SL
Monday 10th December 2018.

Dear Chris,

R.E. t 18/01649/SCO t Public Health comments on the Preliminary Environmental Information Report on the development of the Thurrock Flexible Generation Plant, Tilbury, Essex.

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With regards to this PEIR report and any subsequent planning application that will be informed by this consultation, it is felt important that consideration is paid to the potential human health impacts in respect of this proposed development. This relates to the health and wellbeing of any person(s) employed both during construction and operational stages, local residents living in communities within close proximity to the proposed development and the wider community as a whole where impacts may be felt.

Public Health is pleased to see that there is a chapter that has been developed around human Health and that our previous responses have been acknowledged within this. In addition to our original EIA comments we would like to add the following points;

Based on the information provided in the PEIR report document there were a some areas identified that require further clarification although some of these issues have been touched upon within the PEIR.

The impacts are considered based on their magnitude, duration and reversibility.

Table 2.1 heath determinants survey

- Please include information around the method, frequency and reporting of findings of the assessment, will they be included in the air quality assessment and noise assessment?

2.3 Baseline Study

Local communities and baseline data collection:

Assessment methodology

Decommissioning phase will need to account for any new communities and infrastructure that has emerged during the operational timeframe (est. 35 years).

While the methodology selected appears sound and the scope of it covers everything that we would expect to see in relation to Human Health, we have some concerns on the level of granularity of the assessment in terms of the specific community of Tilbury that will be most affected. We would like to see that ward level data is drawn upon in making the assessment and would request that this ward level data be included.

We are concerned that due to the number of impacts combined and the health inequalities observed in residents living in Tilbury, that even small changes in the environment could potentially have a further additional detrimental impact on the health outcomes for these residents. The use of specific Ward level data would enable a better understanding of the overall impact to ensure mitigation is proportionate and sufficient for the population.

It is also not clear from the document that the local community in Tilbury have been consulted and what their concerns might be in relation to this development around their health and well-being, and how this has been fed into the assessments made in this report. We request that this is clarified.

Urban Greening and Landscaping further details

Visually pleasing environments are beneficial for mental health and wellbeing and can support people to spend more time outside being physically active, feel safe in their local communities, enhance a sense of pride of their local area and increase social cohesion.

Noise Exposure

It is stated that there is the possibility of piling and dredging noise which may affect the population of Tilbury during construction. A cumulative assessment of current noise levels and modelled noise levels from this and other new and emerging developments should be undertaken and used as part of the noise impact assessment. Public Health would like to see the noise impact assessment and strategies to alleviate this, as ongoing noise at a significant level can have a detrimental impact on mental health. The high health needs of the Tilbury population could lead to exacerbation of existing conditions such as circulatory disease etc.

The document states construction activities would take place during day time hours only, please clarify hours and days

We hope that our above comments will be reviewed and included as deemed appropriate within the PEIR response and any subsequent planning application. If you wish to discuss any of the items raised within this

Yours Sincerely,

Sue Bradish
Public Health Commissioning Manager

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Good Afternoon,

The scope of any flood risk assessment and drainage strategy should be in line with the following documents:

- Non-statutory technical standards for sustainable drainage systems
- Essex County Council’s (ECC’s) adopted Sustainable Drainage Systems Design Guide
- The CIRIA SUDS Manual (C753)
- BS8582 Code of practice for surface water management for development sites.

Kind Regards,

Richard Horswill
Development and Flood Risk Officer
Sustainability and Resilience
Waste and Environment

Essex County Council | E3 County Hall | Chelmsford | CM1 1QH

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Planning consultation please see attached application 18/01649/SCO, - Chris Purvis - UNCLASSIFIED

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# INTERDEPARTMENTAL MEMORANDUM

| | |
|---|---|
| From: Environmental Protection Team | To: Planning, Transportation & Public Protection Department Place Directorate |
| TEL: 01375 652096 | FAO Chris Purvis |
| MY REF: CDP 18/28588/PLACON | |
| DATE: 12/12/18 | YOUR REF 18/01649/SCO |

SUBJECT Comments required for the Preliminary Environmental Information Report (PEIR) for a future NSIP/DCO for the construction, operation and decommissioning of a gas fired flexible electricity generation plant and battery storage facility, known as the Thurrock Flexible Generation Plant.
Location: Thurrock Flexible Generation Plant Fort Road Tilbury Essex

Air quality Statement (Dean Page Air Quality Officer)

The Preliminary Environmental Impact Assessment (PEIR) for air quality has taken a conservative approach in determining the impact of the proposed Generation Plant using worst case operation in terms of its operating capacity/ emissions in the dispersion modelling. The assessment has used a conservative based background estimation in the modelling assuming that there will be no improvement in background concentrations once operational.

In addition the assessment has considered the joint cumulative impact of additional processes or schemes which contribute to emissions i.e. Lower Thames Crossing, Tilbury Energy Centre, Tilbury2 Port Expansion and Tilbury Green Power.

Various Scenarios have been undertaken which ultimately incorporate all of the above which UHSUHVHQW DQ HQG FDVH VFHQDULR ZKLFK LV GHHPHG ³:RUVW & long-term impact at modelled receptors shows that for nitrogen dioxide ($NO_2$) there will be five moderate adverse impacts at Fort Road, Sandhurst Road, Walnut Tree Farm, the School along Calcutta Road and at R9 on Dock Road. However all of these fall below Air Quality Assessment Level (AQAL). The overall Process Contribution (PC) at each of these receptors varies, the worst PC is at Walnut Tree Farm at 4.2 ug/m$^{-3}$, the cumulative Process Environmental Contribution is 23.8 ug/m$^{-3}$, however this is well below the 40 ug/m$^{-3}$ AQAL, so this is unlikely to be an issue.

The highest PEC is found at the School site along Calcutta Road at 38 ug/m$^{-3}$ classed as a moderate impact descriptor for the PEC. This accounts for 95% of the PEC as % of the AQAL. The PC here accounts for 1.2 ug/m$^{-3}$, and has a slight impact descriptor from the PC, and hence is not significant overall.

Overall I am satisfied that the proposed development will not have a significant impact in terms of air quality, none of the modelled receptors within Thurrock are above the air quality objectives as a result of the operational side of development or the cumulatively assessed processes and schemes. The assessment has adopted a conservative approach in its modelling assuming worst case emissions from all activities, the likely impact will not be as high as those shown in the assessment. On this basis I have no air quality concerns for this proposed development.

Section 2.2 code of construction practice

Currently no adverse comments regarding this document It is noted that an updated CoCP will accompany the Environmental Statement (ES) ( section 1,3,1) further comment can be made if required.

The proposed hours of construction are acceptable.

Construction noise

Appendix 11.3 Construction noise assessment methodology and results is not accessible from the website at the time of writing and cannot be commented on at this stage

Noise - -M Gentry EHO.

I have reviewed the noise chapter by RPS and the relevant noise appendices (that were available at the time of review) and the Volume 4 summaries of the Inter Related, cumulative and residual effects respectively.

The chapter and appendices covers all the necessary areas of noise impact in a satisfactory and comprehensive manner and as such I have no adverse comments to make. However I would like the opportunity to review the Construction noise assessment Appendix 11.3 mentioned above. Appendix 11.5 ³Standards and Guidance Relevant to Noise and Vibration´ LV DOVR LQDFFHVV
this time, but is unlikely to contain any information of which I am unaware.

Thurrock Borough Council
Environmental Health Officer
Environmental Protection Team

## 18/01649/SCO

## Ecology

Thurrock Council notes that the revised scheme no longer includes the cooling water option. This is welcomed as it will reduce the effects of the scheme on the saltmarsh habitats and other ecological features.

Thurrock council is not aware of any records of otter, dormice or white-clawed crayfish being present in the vicinity or of any suitable habitat to support these features. The Essex Field Club records would have been helpful in confirming this. The council is pleased to see that their records will be used in the ES

The reports detail the proposed mitigation measures for the various species and habitats that would be affected by the proposals. In some cases the assessment concludes that the residual effects of the mitigation could be beneficial (albeit at a minor level). The assessment does not however identify measures that could deliver biodiversity net gain as supported in the NPPF 2018. Opportunities to deliver such gains should be detailed in the emerging ES

The council previously stated that it wanted to see dialogue between the adjoining DCO schemes to help deliver linkages between the different mitigation schemes to ensure that connectivity is maximised. The Council is pleased to see that the applicant is willing to explore opportunities although it is noted that they do not intend to lead on this.

(Chris do you think that this is something that the council could offer to facilitate or shall we leave it to those with the resources?!)

## Landscape

The Council has previously agreed the general approach and key viewpoint receptors.

The council would welcome the opportunity to discuss the emerging landscape mitigation strategy which is to form part of the ES.

Table 2.7 indicates that the applicant would be willing to support measures to restore hedgerows local to the scheme not directly affected by the development. This is welcomed however it will be necessary for more detail to be provided as to the area where this is proposed, how it relates to the DCO schemes in the vicinity and how it will be delivered and maintained. It will be necessary to determine if these measures will be included within the redline boundary or delivered via another mechanism e.g. s106.

The main adverse visual effects arising from the main development site will be experienced around the West Tilbury area. It is agreed that the effects are less likely to be significant beyond this area. The Cumulative Wire Lines do show how the effects of the separate DCO schemes will start to have significant effects of wider views.

The council is concerned however about the landscape and visual effects caused by the construction routes.  For example the route running north-south would directly affect West Tilbury Conservation Area.

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Good afternoon Andrew,

Thank you for your letter, concerning the proposed project above.

I can advise that, as this project will have little or no impact on marine navigation, Trinity House has no comments to make and therefore do not require any further consultation on this matter.

Kind regards,

Steve Vanstone
Navigation Services Officer

Navigation Directorate
Trinity House
Trinity Square
Tower Hill
London
EC3N 4DH

Tel: 0207 4816921
E-mail: stephen.vanstone@thls.org

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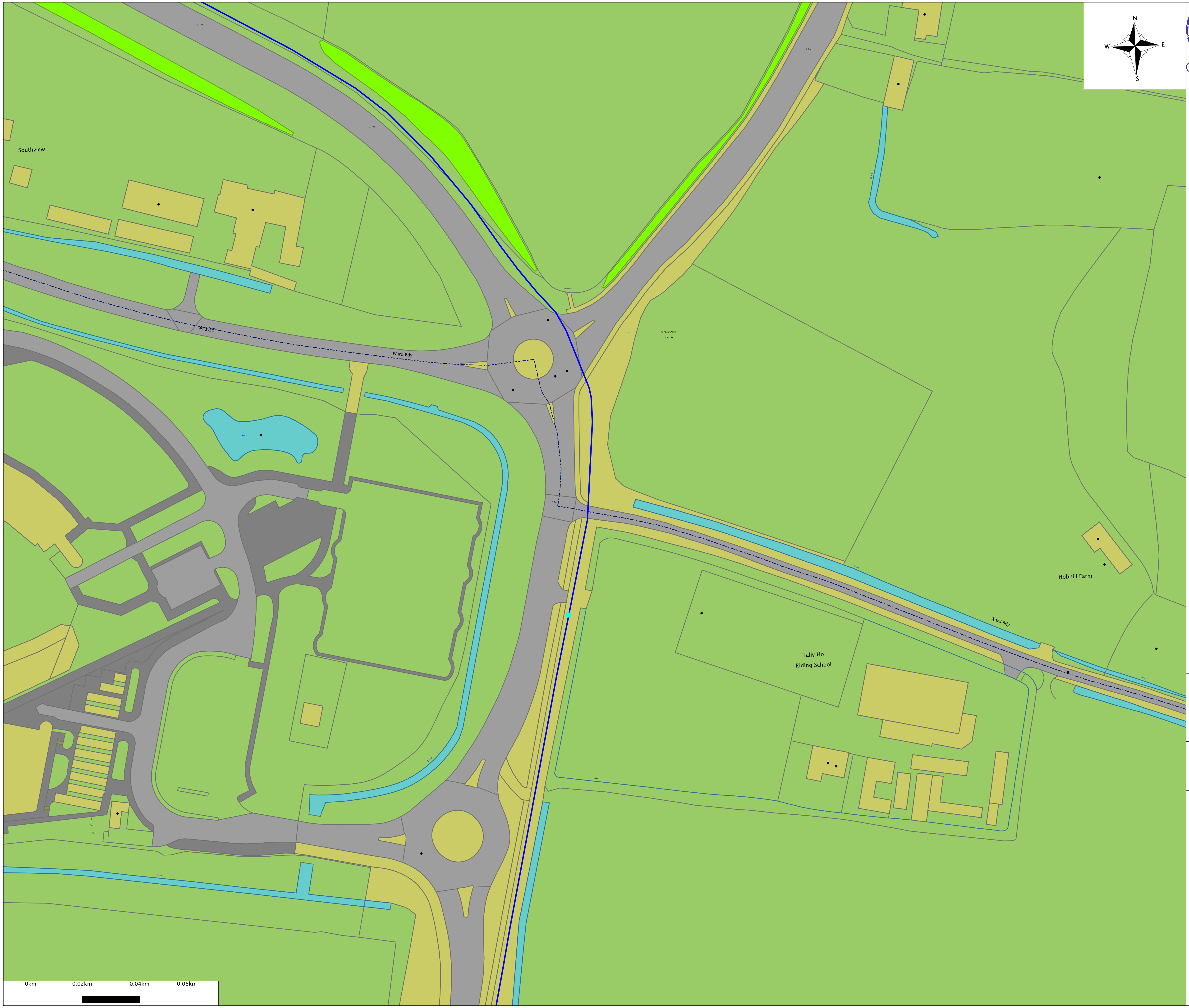
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## Legend

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vodafone

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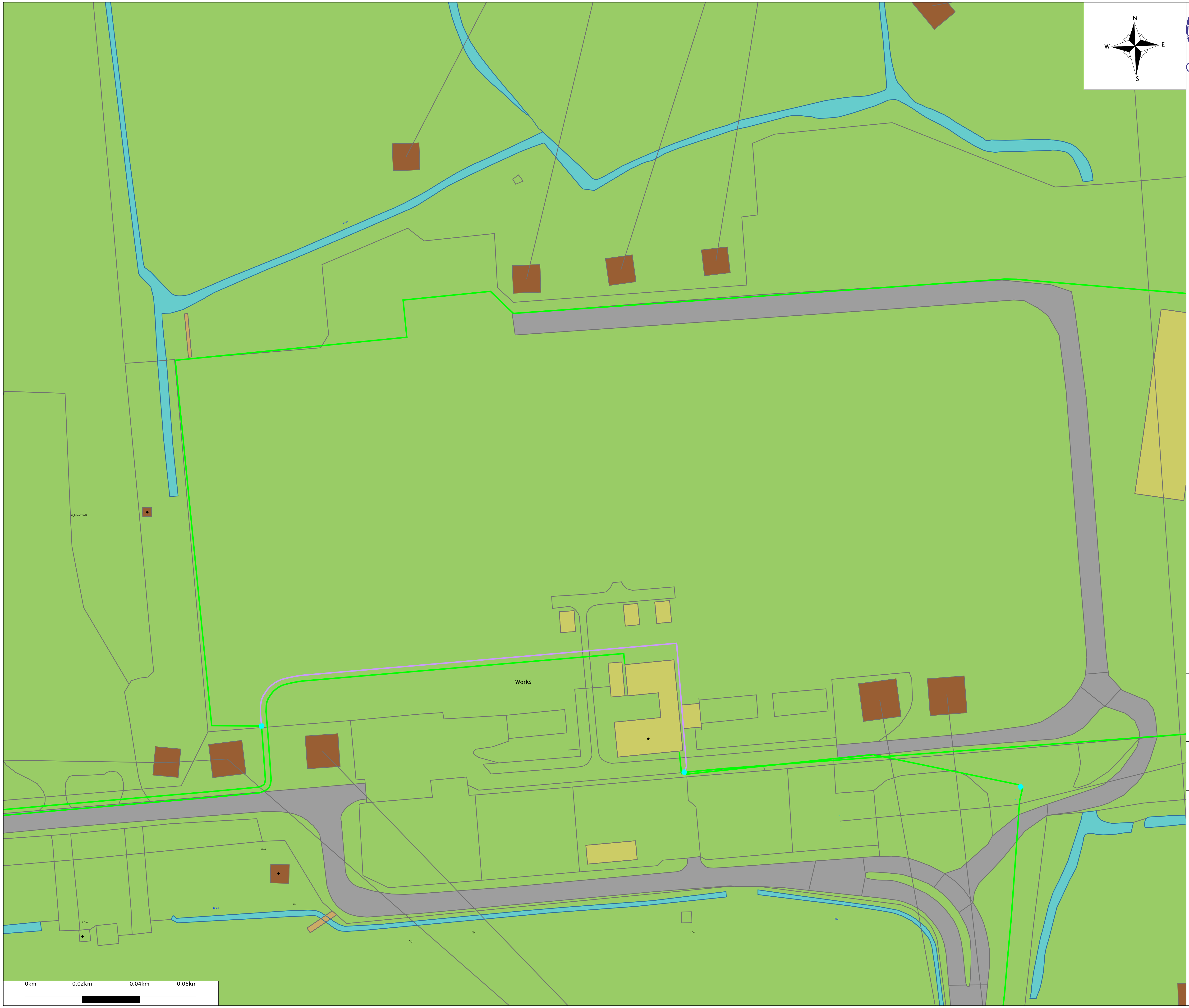
Plot Date : 02/11/2018

Scale : 1:1250

This plan shows apparatus owned by members of the Vodafone Group of companies (including legacy telecommunication companies currently within the group)

Information with regard to such apparatus should always be obtained from Vodafone or its appointed agents.



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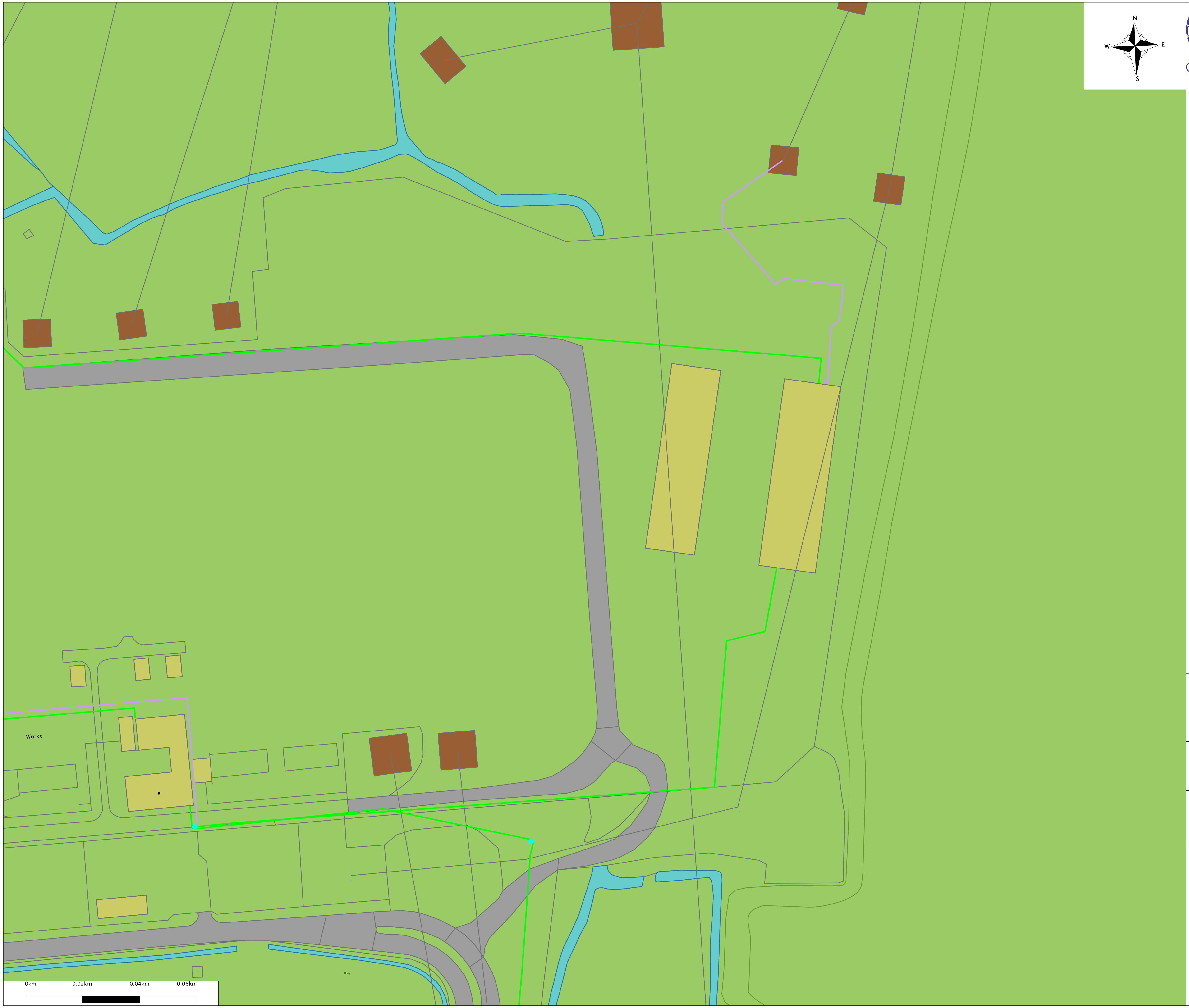

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Many thanks

IMPORTANT - PLEASE READ = Your Next Step?:-
Where apparatus is affected and requires diversion, please send all the scheme related proposals that affects the Vodafone Network to c3requests@vodafone.com with a request for a 'C3 Budget Estimate'. Please ensure you include a plan showing proposed works. (A location plan is insufficient for Vodafone to provide a costing). These estimates will be provided by Vodafone directly, normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 ( using the 'forward' option). Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered.

Plant Enquiries Team
T: +44 (0)1454 662881
E: osm.enquiries@atkinsglobal.com

ATKINS working on behalf of Vodafone: Fixed

This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK, Energis Communications Limited, Thus Group Holdings Plc and Your Communications Limited.

PLEASE NOTE:

The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants, or agents, for any error or omission in respect of information contained on this information. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to Vodafone's apparatus and all claims made against them by Third parties as a result of any interference or damage.

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Catherine Wigmore
Counsel – Legal Operations

+44 7827 763104
catherine.wigmore@vodafone.com

Vodafone HQ, The Connection, Newbury,
Berkshire, RG14 2FN, Registered in England No
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Dear sirs,

Qualified objection is already in place for the above stopping up, and same holds good for this as well, attached response for your information.

Regards,
Plant Enquiries Team
T: +44 (0)1454 662881
E: osm.enquiries@atkinsglobal.com

ATKINS working on behalf of Vodafone: Fixed

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IMPORTANT - PLEASE READ:-
Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a request for a 'C3 Budget Estimate' to c3requests@vodafone.com These estimates should be provided by Vodafone normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the ‘forward’ option).

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# Special Requirements relating to the External Plant Network of Vodafone

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## 1. Introduction

This document sets out the procedure that will apply when Other Parties intend or are undertaking works in the vicinity of Vodafone apparatus (see Appendix B for further information on what constitutes Vodafone apparatus).

## 2. Purpose of document

This document provides a means by which the Vodafone specific special requirements relating to their apparatus, regardless of it being situated in the public highway, private street, land or any other areas, is made aware to Other Parties.

# 3. Scope

This document will be presented to Other Parties or Contractors to encourage those undertaking works within t vicinity of Vodafone apparatus to refer to and comply with. This is in order to protect where necessary the Vodafone apparatus and to avoid damage to the apparatus and loss of service.

A National Joint Utilities Group (NJUG) document NJUG Volume 3 Guidelines on the Management of Third Party Cable Ducting provides useful reference material.

It should be noted that, where appropriate, additional information on avoiding danger from underground appara LV FRQWDLQHG ZLWKLQ WKH +6* JXLGDQFH ERRN WLWOHG ´$YR

# 4. Vodafone Network and Apparatus

Damage to Vodafone apparatus is extremely disruptive and can be expensive to repair, especially where long lengt of cable have to be replaced.

In order to maintain the network integrity and minimise disruption to service, it is essential that disturbances are absolutely minimal. When working within the vicinity of Vodafone apparatus, extreme care is necessary in order to avoid costly repairs. The Other Parties / Contractor shall make every effort to ensure that disturbance of Vodafone apparatus is no more than is absolutely necessary for the completion of the works in accordance with their cont It should be noted that it is an offence to interfere with Vodafone apparatus without first contacting the company for advice.

# 5. Plant records

It is the responsibility of the Other Parties undertaking works which may affect Vodafone apparatus to obtain all relevant Vodafone plant records from our agent Atkins Global prior to works commencing. This may be done by contacting the Atkins Global Plant Enquiries Team listed in Appendix B.

Plant records for such enquiries will generally be provided within 10 working days of receipt and in compliance w the New Roads and Street Works Act 1991 [NRSWA] requirements.

# 6. Definitions

The following definitions are applicable in this document:

a) **Apparatus** – means all surface or sub-surface equipment and plant used by Vodafone including any associated cables or ducts owned, leased or rented by Vodafone

b) **Cable** means any polythene or other sheath containing optical fibres or metallic conductors.

c) **Depth of cover** – means the depth from the surface to the topmost barrel of the duct nest, in the case of ducts encased in concrete, to the top of the concrete, and in the case of directly buried cable, the top of cable.

d) **Jointing chamber** – means any manhole, surface box or other chamber giving access to Vodafone apparatus or their network.

e) **Utility** – means an organisation licensed to provide gas, water, electricity, Cable TV or telecommunication services.

f) **Developer** means an organisation licensed to develop industrial/residential premises or given license to connect to utility apparatus.

g) **Contractor** - means the individual, firm or company contracted to undertake the work for a Utility or Other Parties.

h) **Other Parties** means the Utilities, Highway or Road Authorities, Developers, Street/Road Authority Section 50/109 licensees

i) **Site** - means the location of, or in the vicinity of, the various works.

# 7. Requirements

Prior to commencing any work or moving heavy plant or equipment over any portion of the site, the Other Parties or Contractor shall notify Vodafone of their intentions. This may be done by contacting Vodafone via the contact list in Appendix B.

Upon receipt of this notification, Vodafone will identify if their apparatus is affected. If any Vodafone apparatus is affected by the works then they will arrange for the necessary records to be provided and confirm Vodafone details of apparatus and network operated within the affected area adjacent to the proposed work site.

## 7.1 Location of Plant

It is the responsibility of the Other Parties or Contractors to undertake adequate plant location procedures. Thes may include searches for metallic cables which must be performed by actively inducing a signal in a cable conductor via a transmitter. A passive search is not considered sufficient.

Before applying a tracing signal to the Vodafone apparatus, the Other Parties or Contractors shall seek confirm from Atkins Global that the Vodafone apparatus will not suffer any disruption to its networks normal workings as a result of the nature of the signal being induced.

## 7.2 Trial excavations

Optic fibre cables are very susceptible to damage from excavation tools. They are not electrically conductive a cannot be located by radio induction methods. Once an approximate location is known, the exact location must ascertained by means of hand dug pilot holes. Where the work to be carried out by the Other Party or Contracto involves excavation in the vicinity of our apparatus, the Other Party or Contractor shall, by trial excavation at his own expense, determine the exact location and depth of the Vodafone apparatus. All excavations adjacent to the Vodafone apparatus are to be carried out by hand until the extent and /or location of the apparatus is known.

**All excavation work shall be executed in accordance with the current issue of Health and Safety series booklet HSG47, Avoiding danger from underground services.**

# 8. Depths of cover

The Other Party or Contractor should note that the minimum depths of cover Vodafone apparatus shall be maintained together with specified separation requirements. Where the minimum depths of cover specified by Vodafone cannot be maintained, the Other Party or Contractor shall at their own expense, carry out the instructions of Vodafone requirements for the protection or diversion of their apparatus.

**The Other Party or Contractor should have particular regard to the possibility of encountering Vodafone apparatus (including ducts and cables), at depths of cover other than that reported.**

Surface cables (such as cables on bridges or walls) which are liable to be placed in danger from the Other Part Contractors works shall be protected, at the Other Parties expense, as directed by the Vodafone representative.

# 9. Separation

Reference should be made to HSG47 to ensure that adequate separation is achieved. The following details ou the specific requirements of Vodafone and capture the HSG47 requirements.

### 9.1 High voltage cables

High voltage single core cables of 1000 V and above shall have a minimum clearance from Company Apparatu
500 mm.

High voltage multi-core cables of 1000 V and above shall have a minimum clearance from Company Apparatus of
350 mm.

In exceptional circumstances where the above clearances cannot be maintained, the separating distance may be reduced to a minimum of 175 mm. In such circumstances, concrete, of a quality as directed by the Company Representative, must be inserted to completely fill the space between the High Voltage cable and the Company Apparatus, in accordance with the requirements of the Company Representative. Any further services must ha
minimum clearance of 250 mm from the concrete.

### 9.2 Low voltage cables

Low voltage cables of less than 1000 V shall have a minimum clearance from Company Apparatus of 180 mm. In exceptional circumstances where the above clearance cannot be maintained, the separating distance may be reduced to a minimum of 75 mm. In such circumstances, concrete, of a quality as directed by the Company Representative, must be inserted to completely fill the space between the services, in accordance with the requirements of the Company Representative. Any further services must have a minimum clearance of 250 mm from the concrete.

### 9.3 Ancillary electrical apparatus

Street furniture such as lamp posts, traffic posts and other such ancillary electrical apparatus shall have a minimum clearance of 150 mm from underground Company Apparatus and 600 mm clearance from above ground Company Apparatus.

### 9.4 High pressure gas mains and other Undertakers plant/equipment

High pressure gas mains shall have a minimum clearance of 450 mm from Company Apparatus. All other
XQGHUWDNHUV· SODQW DQG equipment, when running in parallel with Company Apparatus, shall have a minimum
clearance of 200mm. Where gas mains cross Company Apparatus, the minimum clearance shall be 200mm. A
RWKHU XQGHUWDNHUV· SODQW DQG HTXLSPHQW ZKHQ FURVVLQJ Apparatus, shall have a minimum clearance
of 100mm. 1-8* 9ROXPH *XLGHOLQHV RQ WKH SRVLWLRQLQJ DQG FR
refers.

### 9.5 Other Undertakers plant

2WKHU XQGHUWDNHUV· SODQW which runs in parallel with Company Apparatus shall have a minimum
FOHDUDQFH RI PP $OO RWKHU XQGHUWDNHUV· SODQW DQG H
have a minimum clearance of 100mm.

### 9.6 Tramways

Each separating distance shall be individually agreed with the Company Representative.

## 10. Jointing chambers

### 10.1 Protection

Footway type jointing chambers are not designed to withstand carriageway loadings.

Where such chambers are liable to be placed at risk, either temporarily or permanently, from vehicular traffic or the movement of plant and/or equipment, they will need to be adequately protected. Alternatively, they may hav
be demolished and rebuilt to carriageway standards, at the Other Parties or Contractors expense under supervision
of Vodafone representative.

All Vodafone jointing chambers and / or other access points shall be kept clear and unobstructed. Access for vehicles, winches, cable drums and / or any further equipment required by Vodafone for the maintenance of its apparatus, must be maintained at all reasonable times.

### 10.2 Access

The covers to Vodafone jointing chambers and / or apparatus shall only be lifted by means of the appropriate keys and under the direct supervision of a Vodafone representative. Other Parties or Contractors shall not enter any Vodafone jointing chamber and / or apparatus unless under the supervision of a Vodafone representative and in any case not before the mandatory gas test has been carried out in the presence of a Vodafone representative and such checks have shown it to be safe to enter the Vodafone chamber and / or apparatus. The Other Parties or Contractors shall be given reasonable access to Vodafone apparatus and chambers when required.

# 11. Notification periods

Where the Other Parties or Contractors works or the movement of plant or equipment may endanger Vodafone apparatus, the Other Party or Contractor shall give Vodafone at least 7 working GD\V· QRWLFH in writing of the intended date to commence operations.

No excavation should be made without first consulting the relevant Vodafone apparatus layout drawings, which will be made available from the Vodafone agent Atkins Global on request and allowing 28 working days for processing the relevant drawings. However, should this not be possible, direct contact should be made to the Atkins Globa Plant Enquiries Team as soon as possible to assess the situation.

When excavating, moving or backfilling (including use of Foamed Concrete for Reinstatement ("FCR")) around Vodafone apparatus, Vodafone shall be given adequate prior written notice of the Other Parties or Contractors intentions, in order that the works may be adequately supervised. Such notice shall not be less than 3 working days.

# 12. Excavation and backfill

All excavations adjacent to Vodafone apparatus are to be carried out by hand until the extent and or location of the Vodafone apparatus is known.

Use of mechanical borers and / or excavators shall not be used without the supervisory presence of a Vodafone representative or a given exemption.

Shuttering of the excavation or support to Vodafone apparatus, at the Other Parties or Contractors expense, shall be used as directed by the Vodafone representative.

At least 7 working GD\V· QRWLFH must be given to Vodafone in order that any special protective measures which may be required to protect Vodafone apparatus, at the Other Parties or Contractors expense, when equipment such as pile driving, explosives, laser cutting high powered RF equipment or RF test gear, is to be used in conjunction w the works.

Other Parties or Contractors are advised to refer to the National Joint Utilities Group publication: NJUG Volume 1 – *XLGHOLQHV RQ WKH 3RVLWLRQLQJ DQG &RORXU &RGLQJ RI 8QG

# 13. Foam concrete

If foam concrete is being used as the backfill material, it shall not be used within a 500mm of any Company Apparatus. A suitable material in accordance with the specification for the Reinstatement of Opening Highways shall be substituted.

# 14. Attendance of Company Representative

If a situation requires the attendance of a Vodafone representative for a continuous period of more than 6 hours, suitable facilities shall be provided by the Other Party or Contractor, at their expense, to meet the office a ablution requirements. If a situation arises that requires urgent attention Vodafone will endeavour to attend site within 2 hours for all other occasions arising, 24 hours.

# 15. Damage reports

In the event of any damage whatsoever occurring to Vodafone apparatus, the Other Party or Contractor shall immediately inform Vodafone by contacting their 24/7 number , (for contact details please refer to Appendix A).

All relevant costs of any subsequent repair and / or removal of the Vodafone apparatus shall be charged to the Other Party or Contractor, irrespective of who shall effect such repair.

The above requirements do not relieve the Other Party or Contractor of any of their obligations under their cont

# 16. Appendix A – Street Works Team Contacts for Vodafone

| Function | Address | Phone | Email Address |
|---|---|---|---|
| **Streetworks Team** | Vodafone Damage Claims, Pavilion<br>1-2 Berkeley Square , 99 Berkeley Street<br>Glasgow G3 7H | **0333 304 0759** | utilitiescentre@vodafone.com |
| **Customer Complai** | n/a | **0333 304 0762** | **n/a** |
| **Liability Claims**<br>**Or**<br>**Damage to**<br>**Vodafone Apparatu** | Vodafone Dama<br>Claims, Pavilion 4,<br>1-2 Berkeley Square , 99 Berkeley Street<br>Glasgow G3 7H | **0333 304 1104** | claims@vodafone.com |
| **Diversionary Work C2/C3** | Atkins Global,<br>PO Box 290,<br>500 Aztec West,<br>Almondsbury,<br>Bristol,<br>BS32 4RZ. | **T: 01454 662881**<br>**F: 01454 663330** | osm.enquiries@atkinsglobal.com |
| **Diversionary Work C4 / Escalations** | Smale House,<br>Floor 2E, 114<br>Great Suffolk Street, London,<br>SE1 OSL | **02075281485** | c3requests@vodafone.com |
| **Emergencies**<br>**24 Hour – Defects & Faults** | n/a | **0333 304 0762** | **n/a** |
| **Plant Enquiries**<br>**Vodafone** inc: Cable & Wireless, Mercury Communications,<br>Thus Plc, Energis, Scottish Telecom, Your Comm,<br>Norweb Comms | Atkins Global<br>PO Box 290<br>500 Aztec West<br>Almondsbury,<br>Bristol,<br>BS32 4RZ | **T: 01454 662881**<br>**F: 01454 663330** | osm.enquiries@atkinsglobal.com |

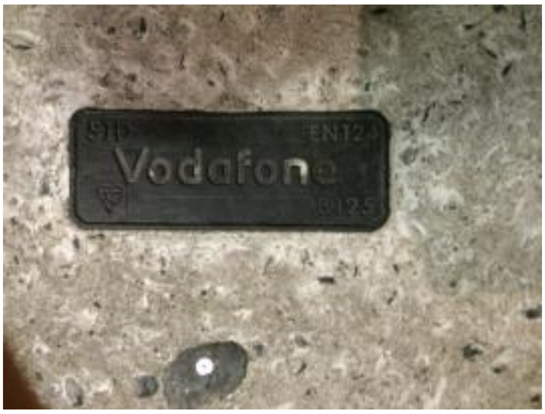
# 17. Appendix B – What constitutes Vodafone Network

Vodafone own fibre network dedicated to business and residential users of telecommunications and has an international cable network that provides connectivity to 153 countries, either directly or indirectly through partn reaching across the Atlantic Ocean, through Europe and on to India and throughout Asia. Spanning approximately 500,000km in length, including interests in more than 69 major global cable systems, our next generation network improves the quality and performance of telecommunications users through our use of advance optical and IP transmission.

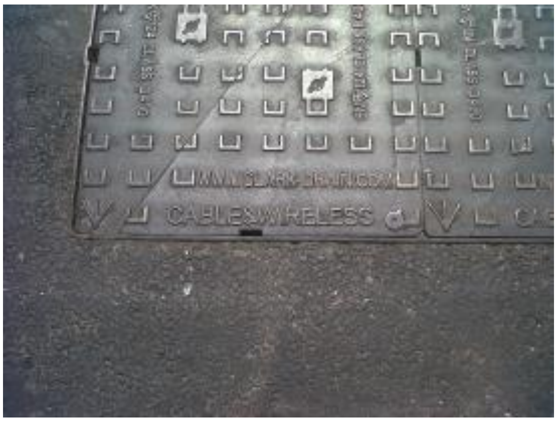
In the UK & Ireland Vodafone V RYHUDOO QHWZRUN LQFOXGHV WKH IROORZLQJ acquisitions or Company name changes.

Below are examples of what you could see on site and should be aware of:

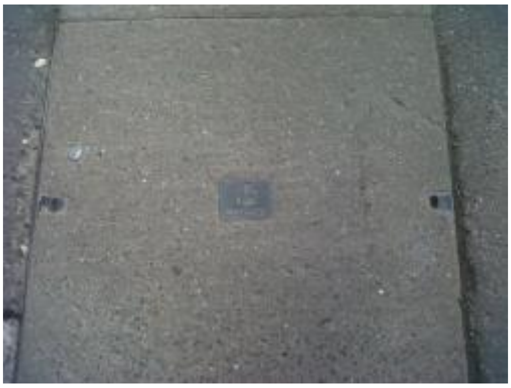
Vodafone Limited



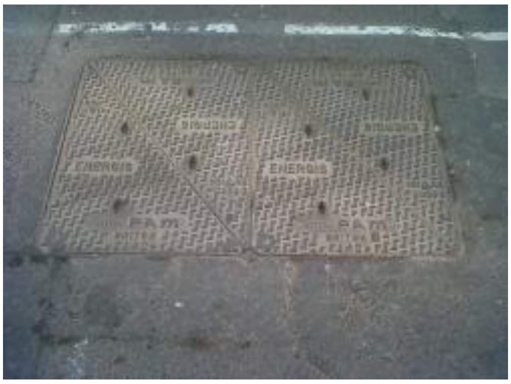
Cable & Wireless UK



## Mercury Communications Limited



## Energis Communications Limited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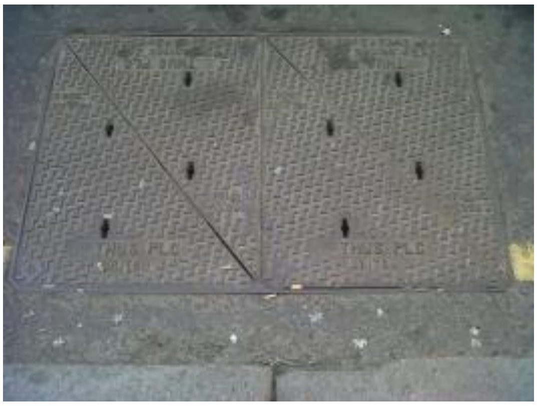
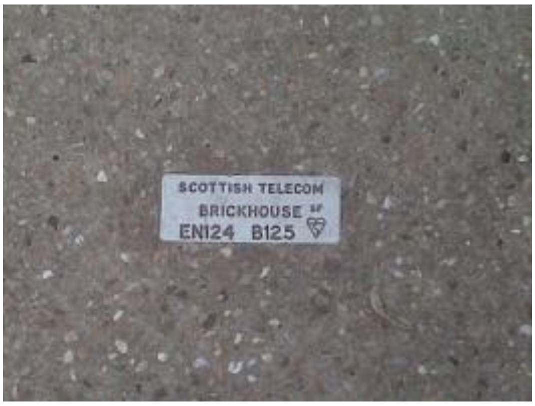

THUS PLC
THUS PLC

## Scottish Telecom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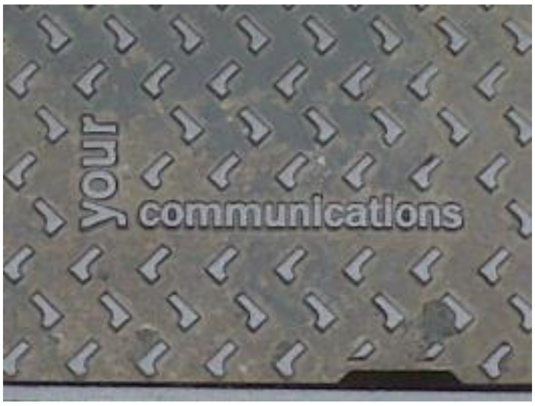
BRICKHOUSE
EN124 B125

## Your Communications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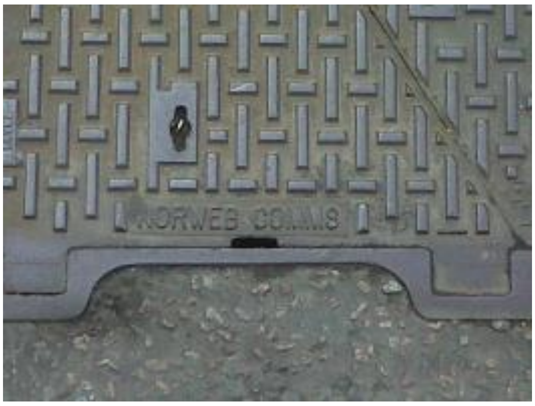
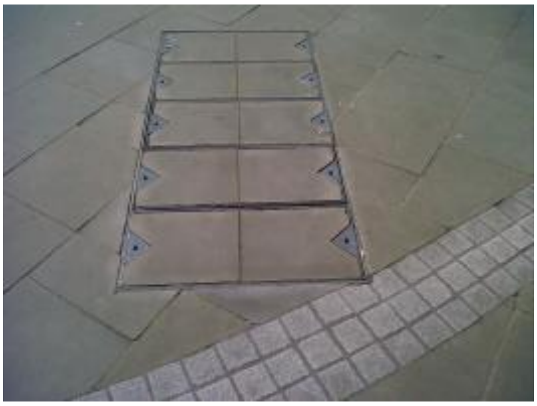
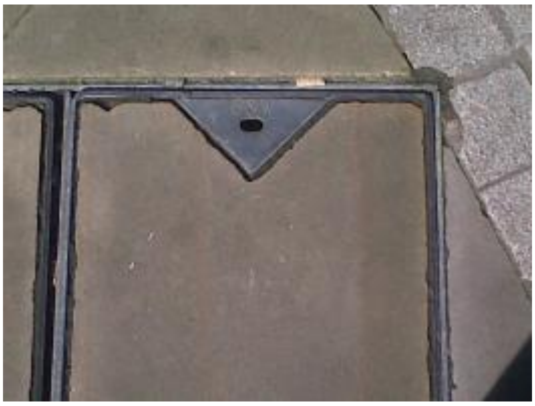
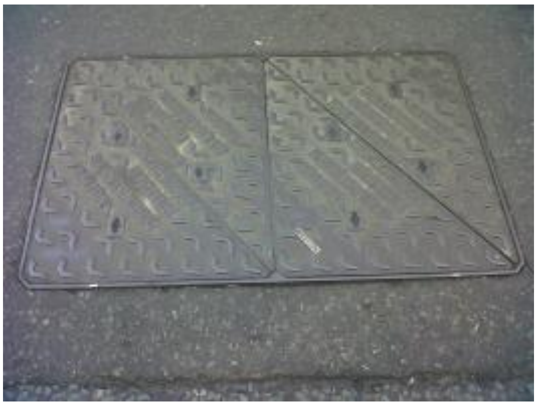


Our apparatus is installed in roads and streets of UK and Ireland, however in some places is undistinguishable other operators' apparatus, for example in city centres where high quality in particular paving chamber covers are found, some with labels and some without.

See below as examples:







The apparatus shown here is now owned, maintained and still in operation by Vodafone and includes.

Vodafone Limited

Cable & Wireless UK

Mercury Communications Limited

Energis Communications Limited

Thus plc, now Thus Group Holdings Limited

Your Communications Group Limited

Please see the Contact Details in Appendix A for Plant Enquiries and help on site.

# 18. About this Document

| Content Owner |
|---|
|  |

| Changes since last version |
|---|
| Reformatted using the current Vodafone template to include updated Contact Details |

End of Document

# Appendix 8.4 (Part 2 of 5)

## All Consultation Responses 2018 – S47

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**To help us understand feedback in more detail, please indicate whether you are** (please tick all that apply to you):

| | |
|---|---|
| **A resident in the local area** (if so, please give your postcode) | RM18 |
| **Employed in a local business** | |
| **Owner of a local business** | |
| **Owner of land connected with the proposed development** | |
| **A tourist or visitor to the area** | |
| **Giving feedback on behalf of an organisation** (if so, please give the name of the organisation) | |

**THANK YOU VERY MUCH FOR YOUR FEEDBACK**

The information you provide on this form will be processed by Thurrock Power Limited. A summary of findings from the consultation will be published on line and shared with statutory authorities. Summary findings will be reported anonymously and will not identify individuals. Your personal details, if given, will be held by Thurrock Power Limited in accordance with the relevant current data protection legislation and will be used by Thurrock Power or their appointed agents solely to communicate with you about this consultation process and subsequent planning application. It is helpful if you would provide your personal details for this purpose, but if you prefer to remain anonymous you may leave this section blank. If you are responding on behalf of an organisation, the organisation may be named in the Consultation Report which will accompany our application for development consent.

Name ANDREW

Job Title (if responding on behalf of an organisation)

Address

Postcode RM18

Email Address

Please tick this box if you would like to receive update emails: ☐

If you are completing this form at a public exhibition, please hand the completed form to a member of our team. If you received this form in the post please return it to us using the blank envelope provided and the Freepost address: Freepost THURROCK POWER

**The deadline for giving your feedback is 11.59pm on 14th November 2018. Responses must be received by this time to guarantee they are given consideration.**

**Thurrock Power Limited**

THURROCK POWER

# Thurrock Power Flexible Generation Plant
# Feedback Form

## Please give your views

Thurrock Power Limited ('Thurrock Power') is carrying out public consultation on the proposed Thurrock Power Flexible Generation Plant development (the 'proposed development') from 16th October 2018 to 14th November 2018. We would very much like to hear from you with your views on the proposed development and any feedback you give will be considered when finalising the design. More information about the proposed development can be found:

1. In the accompanying letter and if you received this form by post
2. Online at: www.thurrockpower.co.uk
3. At the following public exhibitions:

| Location | Venue | Date | Time |
|---|---|---|---|
| Gravesend | The Court Room, Gravesend Old Town Hall, High Street, Gravesend, DA11 0AZ | Tuesday 16th October 2018 | 11am to 8pm |
| West Tilbury | West Tilbury Village Hall, Rectory Road, West Tilbury, RM18 8UD | Tuesday 23rd October 2018 | 11am to 8pm |
| Tilbury Hub | Tilbury Hub, 16 Civic Square, Tilbury, RM18 8ZZ | Friday 2nd November 2018 | 11am to 8pm |
| Linford | Linford Village Hall, Lower Crescent, Linford, SS17 0QP | Wednesday 7th November 2018 | 11am to 5.30pm |

If you have any questions, would like this form in a different format or need assistance in giving your views, please telephone us on: 0207 1860580.

It would be very helpful if you could answer the questions below: (Place a tick in the applicable box)

**Had you heard of the Thurrock Power Flexible Generation Plant project before today?**

**Yes** ☑ **No** ☐

**Are you completing this form:**

**At an event** ☐ **Online** ☐ **By post** ☑

The sources of energy used across the UK are becoming more diverse with renewable energy such as wind, wave and solar power helping to reduce reliance on fossil fuels and create a less polluting power supply. This makes the energy supply less predictable and we need to find ways to store the energy so it can be released when it is most needed. The Thurrock Power Flexible Generation Plant will provide this flexibility with its gas engines and allow energy to be stored in batteries and released into the electricity network when demand for energy is at its peak, thus creating a more stable electricity supply. This is particularly important in London and the surrounding areas due to population density.

Please provide any comments you have relating to the proposed development, as indicated below.

**Do you have any comments to make on the potential benefits and/or impacts of the proposed development?**

Concerns regarding the impact of the construction of the plant, lasting up to four years. There may be health and safety issues, once the plant is established

**Do you have any comments on the information provided in 'have your say' and/or Preliminary Environmental Information Report?**

This is one of the large scale developments in the Tilbury catchment area. There is common land in the area where horses graze; it is not known what will happen to them

**Do you have any other general comments you would like to make about the proposed development or this consultation process?** (Please continue on a separate sheet of paper if more space is required and fix this securely to your form before returning it to us)

The on-going construction and eventual completion could have a detrimental effect on property prices in the area. It is another 'block' to establish a boundary around Tilbury.

THURROCK POWER

**To help us understand feedback in more detail, please indicate whether you are** (please tick all that apply to you):

| | |
|---|---|
| **A resident in the local area** (if so, please give your postcode) | ✓ |
| **Employed in a local business** | |
| **Owner of a local business** | |
| **Owner of land connected with the proposed development** | |
| **A tourist or visitor to the area** | |
| **Giving feedback on behalf of an organisation** (if so, please give the name of the organisation) | |

**THANK YOU VERY MUCH FOR YOUR FEEDBACK**

The information you provide on this form will be processed by Thurrock Power Limited. A summary of findings from the consultation will be published on line and shared with statutory authorities. Summary findings will be reported anonymously and will not identify individuals. Your personal details, if given, will be held by Thurrock Power Limited in accordance with the relevant current data protection legislation and will be used by Thurrock Power or their appointed agents solely to communicate with you about this consultation process and subsequent planning application. It is helpful if you would provide your personal details for this purpose, but if you prefer to remain anonymous you may leave this section blank. If you are responding on behalf of an organisation, the organisation may be named in the Consultation Report which will accompany our application for planning permission.

Name: Anne Downey

Job Title (if responding on behalf of an organisation):

Address: 6 Thackeray Avenue
Tilbury

Postcode: RM18 8HT

Email Address: annehdowney@aol.com

Please tick this box if you would like to receive update emails: ☑

If you are completing this form at a public exhibition, please hand the completed form to a member of our team. If you received this form in the post please return it to us using the blank envelope provided and the Free Post address: THURROCK POWER

**The deadline for giving your feedback is 11.59pm on 14th November 2018. Responses must be received by this time to guarantee they are given consideration.**

**Thurrock Power Limited**

THURROCK POWER

# Thurrock Power Flexible Generation Plant
# Feedback Form

## Please give your views

Thurrock Power Limited ('Thurrock Power') is carrying out public consultation on the proposed Thurrock Power Flexible Generation Plant development (the 'proposed development') from 16th October 2018 to 14th November 2018. We would very much like to hear from you with your views on the proposed development and any feedback you give will be considered when finalising the design. More information about the proposed development can be found:

1. In the accompanying letter if you received this form by post
2. Online at: www.thurrockpower.co.uk
3. At the following public consultation exhibitions:

| **Location** | **Venue** | **Date** | **Time** |
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| Gravesend | The Court Room, Gravesend Old Town Hall, High Street, Gravesend, DA11 0AZ | Tuesday 16th October 2018 | 11am to 8pm |
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If you have any questions, would like this form in a different format or need assistance in giving your views, please telephone us on: 0207 1860580 or email us at: contact@thurrockpower.co.uk

It would be very helpful if you could answer the questions below: (Place a tick in the applicable box)

**Had you heard of the Thurrock Power Flexible Generation Plant project before today?**

**Yes** ☐ **No** ☒

**Are you completing this form:**

**At an event** ☐ **Online** ☐ **By post** ☐

## 4. Your Feedback

A feedback form is enclosed with this letter. Feedback forms will also be available at the public exhibitions, on the project website and at the deposit locations within the consultation zone listed above, or by telephoning, emailing or writing to us using the details in paragraph 3, above. We encourage you to complete and return this form by email or by Freepost to allow you to have your say about the proposed development. Alternatively, you can simply write to us by email or Freepost with your comments.

If you are able to attend one of the public consultation exhibitions, members of the Thurrock Power project team will be present to answer any questions you may have. Copies of the 'have your say' document and feedback forms will also be available for you to take away with you, along with DVD copies of the PEIR.

We will take your comments into account and explain how we have done so in a Consultation Report, which will be submitted with our application for Development Consent once the consultation process has been completed.

**Please note that all responses and feedback forms must be received by Thurrock Power by the closing date of 14th November 2018.** We cannot guarantee that feedback received after this date will be considered.

## 5. Other Schemes in the Area

You may be aware of National Grid's major substation on Tilbury Marshes, which has provided the grid connection for Tilbury power station in the past. This connection point remains in place as a critical National Grid facility on the electricity network. This is why RWE has located its Tilbury Energy Centre and Thurrock Power its flexible electricity plant, near to this substation. The two schemes are independent of each other but in many respects are complimentary and will do much to provide resilience to the electricity system.

We recognise that there is a lot of development going on in the area alongside these two proposed energy projects, not least the Tilbury 2 port development, the proposed Lower Thames Crossing and the Government pushing for more land for housing. We have therefore made sure that we understand what all these developments mean together and what our proposal adds to the potential impact.

Thank you for taking the time to read this. We hope it gives you a little of the background to our proposed scheme but, more importantly, a way to obtain further information and provide your feedback.

Finally, please note: requests for information about the proposed development in other formats (for example, large print or braille) will be considered upon request.

Yours sincerely

Andrew Troup
Director | Statera Energy Limited

Encs. Feedback Form
Blank Envelope to be used with Freepost Address: Freepost THURROCK POWER