

Your Ref: **NE2663CBC**
Our Ref: **PSUS-1189349.1**

Contact: Kayleigh Betterton
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JULIE DOWSE
JORDANS
21 ST THOMAS STREET
BRISTOL

Chargeable Property Searches

National Grid - Utilitysearch
PO Box 2122
Bolton
BL6 7WS

24-hour Gas Escape No
0800 111 999 *

*Calls may be recorded and monitored

02 Dec 2015

BS1 6JS

[PSUS-1189349.1]



F.A.O. Julie Dowse

Dear Sirs,

Re: LAND ADJACENT TO WALTHAM FOREST COLLEGE, FOREST ROAD & SPRUCE HILL ROAD, WALTHAMSTOW, E17 4LB.

In reply to your property search request dated 01 Dec 2015, please find enclosed one copy of our gas mains records plan for the above area upon which the approximate positions of all known gas mains are shown.

Service pipes, valves, syphons, stub connections etc. are not necessarily shown but their presence should be anticipated. The actual position of mains and services must be verified and established on site before any mechanical plant is used.

National Grid Gas has no record of any wayleaves or easements in respect of this land, however there may still be rights reserved for apparatus or easements granted to gas companies to which it is the legal successor.

IMPORTANT NOTE: This response is for the national grid gas distribution networks ONLY. You SHOULD also obtain information of gas and electricity transmission networks.

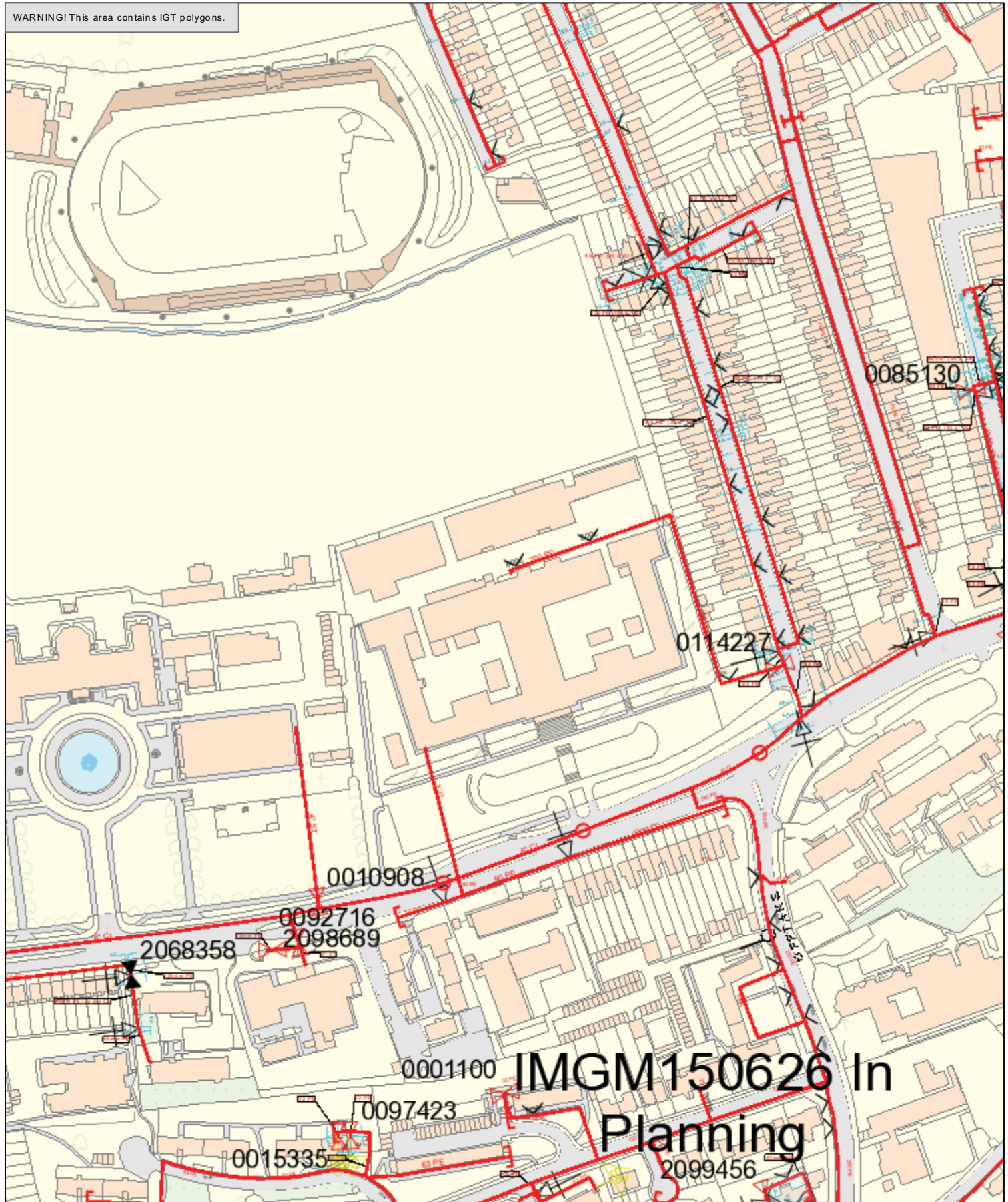
If the nature, location or extent of your request changes please submit a new enquiry.

A copy of "Avoiding injury when working near gas pipes" has been enclosed, this outlines precautions to be taken whilst excavating in the vicinity of live gas distribution apparatus.

Yours faithfully,

On behalf of National Grid.

WARNING! This area contains IGT polygons.



SCALE: 1:2500

USER ID: Kayleigh.Lammas

DATE: 12/2/2015

NRSA RESPONSE

MAP REF: TQ 3789

CENTRE: 537918,189941

LP MAINS

MP MAINS

IP MAINS

LHP MAINS

NHP MAINS



0 30 60 m
Approximate scale 1:2500 printed
on A4 Colour Portrait

This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Gas plc or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plants is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

nationalgrid

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Avoiding injury when working near gas pipes

Measures to stay safe and avoid damage when working near gas pipes operating at pressure up to 7 bar

The following protective measures must be taken when excavating in the vicinity of National Grid apparatus at up to 7 bar pressure:

Reference should be made to the HSE Guidance Note HSG47 'Avoiding Danger from Underground Services' and to 'Utilities Guidelines on Positioning and Colour Coding of Apparatus'. This document can be downloaded free of charge at www.njug.org.uk

To avoid injury to workers you must verify the details given on plans or traced by electronic tracers by hand dug trial holes and mark the position on site with suitable markers.

You must ensure full copies of National Grid plans are issued to workers carrying out the excavations.

Every possible precaution must be taken to avoid personal injury or damage to National Grid apparatus during the progress of the works. Any costs incurred by National Grid for the repair of direct or consequential damage will be recharged in full.

National Grid reserves the right to divert any affected apparatus if proved necessary during the course of your works: the cost of which will be recharged.

Surface boxes/manholes

Do not bury or move National Grid surface boxes. Access must be maintained both during and after your works. National Grid reserve the right to locate and/or realign any boxes not left in such condition upon completion of your works and at your expense. No manhole cover or other structure is to be built over, around, or under a gas pipe and no work is to be carried out which results in a reduction or increase in cover or protection, without agreement.

Minimum Safe Working Distances

If you are carrying out any of the following activities please contact National Grid for further guidance:

Explosions, piling, boring and deep excavations.

Trial holes must be dug by hand to determine the exact location of mains and services in advance of excavating or thrust boring.

Mechanical excavations

Mechanical excavators (including breaker attachments) MUST NOT be used within the following distances from gas mains and services.

Type of mains and services	Hand excavations required inside
Low pressure:	0.5 metres
Medium pressure:	0.5 metres
Intermediate pressure:	3.0 metres

Tree Planting

If trees or shrubs are to be planted adjacent to our plant, the selection of the type of tree or shrub and its planting must be considered so that root damage to buried mains or services will be avoided and that damage to trees or shrubs will not be caused by any subsequent excavations for repair and maintenance. Planting schemes should be submitted to National Grid for approval. We reserve the right to remove any tree/bush at any time in the future.

Clearances

No apparatus is to be laid over and along the line of a gas pipe irrespective of clearance. To allow the future repair and maintenance of gas apparatus, a minimum clearance of 250mm or 1.5 times the external diameter of the gas pipe, whichever is the greater, should be maintained between the gas apparatus and any new plant. Where this minimum clearance cannot be achieved, site discussions should be held with National Grid to agree a suitable clearance.

Deep Excavations

If a sewer trench or any other water authority apparatus is to be constructed at greater than 1.5 metres deep near to a buried cast iron main, the model consultative procedure for pipeline construction involving deep excavations applies. National Grid is to be provided with detailed drawings showing the line and width of the proposed sewer or other apparatus trench, together with the soil group classifications of the area concerned.

Backfilling

Concrete backfill should not be placed closer than 300mm to apparatus. No concrete or hard material should be placed under or adjacent to any apparatus.

Material used for the surround backfill of National Grid plant must conform to the following requirements:

- If sand, it must be well graded in accordance with BS EN 12620: 2002
- It must not contain any sharp particles
- Foamed concrete should not be used
- It must be laid to a minimum depth of 150mm above the crown of the apparatus. Power ramming should not take place until a 250mm hand rammed layer has been completed over the crown of the pipe.

Access

Access to sites and to National Grid apparatus must be provided at all times. This includes temporary structures and spoil heaps over National Grid pipes.

Crossing NG plant

The placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over National Grid apparatus is prohibited unless specially agreed protective measures (ie, the construction of reinforced crossing points) have been carried out. This is particularly important where reductions in side support or ground cover are planned.

Working in wayleaves or easements

Work should not be undertaken within a National Grid wayleave/easement without the formal written consent of National Grid.

Exposed plant

Where excavations adjacent to gas apparatus affects its support, the apparatus must be adequately supported and protected in consultation with and to the satisfaction of National Grid. All exposed plant must be protected from impact. Thrust blocks and supports must not be disturbed.

Where welding or other hot works involving naked flames is contemplated this should only be carried out if it can be done without damaging plastics or protective coatings of pipes. If you smell gas do not start work and call 0800 111 999*.

Shuttering must be constructed so as to prevent fresh concrete encasing National Grid apparatus and to maintain the stated clearances.

If you damage National Grid gas pipes or apparatus, including damage to wrapping or sleeving, you must call 0800 111 999* immediately.

If you are working in the vicinity of gas pipes above 7 bar in pressure please contact us if you have not already got a copy of 'SSW22 Safe working in the vicinity of National Grid high pressure pipelines and associated installations'.

If you cause a gas leak, or suspect a pipe or equipment is leaking, you must take the following actions immediately:

- **Inform National Grid on 0800 111 999***
- **Get everyone away from the immediate vicinity of the escape**
- **Do not attempt to stop the escape by filling the hole as gas may enter buildings**
- **Ask occupants of buildings adjacent to the escape to leave until it has been established that it is safe for them to return**
- **Damage to a service supplying a building may result in gas entering the building. Do not attempt to operate any valves**
- **Prevent any approach to the immediate vicinity of the escape**
- **Prohibit smoking and extinguish all naked flames or other sources of ignition for at least 15m from the leakage**
- **Assist National Grid, Police or Fire Services as requested**

**In the event of a query your local contact is:
0800 688588**

*** All calls are recorded and may be monitored**