

NSEY15



## **Archaeological Watching Brief of site preparation works**

**at**

**Hornsey Gas Works, Haringey, Greater London**

*Prepared on behalf of Atkins Ltd.*

Version 2

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**Archaeological Watching Brief of site preparation works  
at Hornsey Gas Works, Haringey**

**Client: Atkins Ltd**

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# Hornsey, Gas Works, Haringey

## ARCHAEOLOGICAL WATCHING BRIEF

### **Summary**

*Between 15<sup>th</sup> March 2017 and 29th August 2017, Headland Archaeology (UK) Ltd undertook archaeological monitoring of demolition and other preparation works associated with the redevelopment of a gas works complex site into a mixed residential area at Hornsey Gas Works, Mary Neuner Road, Haringey, London. This work was undertaken as a condition of planning consent in order to provide information on its archaeological potential.*

*The watching brief exposed the remains of a 1868 gas holder and associated structures, a series of brick foundations, concrete footings related to former structures ancillary with the gas works and preserved fragments of fabric.*

### **1. INTRODUCTION**

#### **1.1 Planning Background**

Headland Archaeology Ltd was commissioned by Atkins Ltd, on behalf of National Grid Property Holdings Ltd, to undertake a programme of archaeological works in connection with the demolition of the gas holders and gas holder station, the demolition of the vacant Haringey Call Centre, the demolition of any ancillary structures associated with these, and other preparatory works such as the laying of services, erection of temporary buildings, creation of new access routes, and construction of new Pressure Reduction Stations.

The London Borough of Haringey granted planning permission to National Grid Property Holdings Ltd (the developer) for these site preparation works (HGY/2013/2355). This was in preparation for the full development of the site, a residential-led mixed-use development (HGY/2009/0503).

A condition was placed on the planning consent for the site preparation works that required a programme of archaeological work (Condition 20). This condition stated:

*“No development shall take place within the application site until the applicant has secured the implementation of an archaeological watching brief and a programme for the recording of built heritage structures, including the existing gas holders, in accordance with a written scheme of investigation which has been submitted to and approved in writing by the Local Planning Authority.”*

A written scheme of investigation (WSI) was prepared by Headland Archaeology Ltd (Headland 2015), outlining the archaeological works needed to fulfil this condition.

This followed the production of an archaeological desk-based assessment (Waterman EED 2013) and an Environmental Impact Assessment Chapter on Archaeology (Waterman EED, Chapter 5, 2014), which highlighted the potential for some archaeological remains to exist across the development area (DA), particularly in relation to the former course of the Moselle Brook, former phases of the Hornsey Gas Works and associated structures, and pre-19<sup>th</sup>-century remains.

The archaeological watching brief took place during site preparation works across the DA.



## **1.2 Site description**

The DA is located within the Borough of Haringey in northern London. It is positioned c.350m to the southwest of Wood Green Common, c.300m to the southeast of Alexandra Park, and c.300m to the northwest of Turnpike Lane underground station. It is bounded by buildings used for light industrial purposes to the south, Coburg Road to the north, the rear of residential properties on Hornsey Park Road to the east, and industrial buildings with the railway beyond to the west. The DA is centred on National Grid Reference TQ 3081 8979. (Illus 1)

The DA covers an area of approximately 3.71ha. It comprises two National Grid gasholders in an enclosed compound in the north-eastern corner, the Haringey Call Centre building in the western part of the DA, and concrete hard-standing and areas of car-parking across the rest of the DA. Mary Neuner Road runs northwest-southeast across the DA.

The DA lies on relatively flat land, rising slightly to the southwest. Land in the north-eastern part of the DA lies at a minimum of 23.09m Above Ordinance Datum (AOD) (Brook Road), rising up to a maximum at 25.71m AOD in the southwest corner of the DA.

The underlying geology of the DA comprises made ground, underlain by London Clay (BGS: Sheet 256) to depths of at least 30m below ground level. These are underlain by Thanet Sand and White Chalk strata.

Geotechnical investigations recorded made-ground deposits (brick and concrete rubble) to depths 0.5-1.8m beneath the present ground-surface (generally around 1m in depth) over the majority of the DA (Celtic Design and Construct Remediation, 2008). Deeper quantities of made-ground deposits, 3.7-5.7m, were observed within the area of a previous gasholder. These made-ground deposits overlay the London Clay formation.

The culverted Moselle Brook crosses the DA from east to west, flowing from Southgate towards Tottenham. It was redirected in 1850 from a previous NE to SW alignment along the DA's eastern perimeter. There exists some potential for underlying riverine alluvial deposits along the former route, however the geotechnical investigations did not identify any alluvial deposits.

## **1.3 Archaeological Background**

A desk-based assessment and Environmental Impact Assessment Chapter detailing the archaeological and historical background of the DA were compiled (Waterman EED 2013; 2014). The findings of which are summarised below, supplemented by the results of a Historic Environment Search.

### **1.3.1 Prehistory**

There are no entries of prehistoric date recorded on the GLHER within the DA or its immediate surroundings. Within the wider area, three flint hand-axes, potentially of Palaeolithic date, and a further flint flake and object, were recorded from Wood Green c770m north of the DA (MLO13938; MLO197). No evidence for later prehistoric activity has been found in this area.

### **1.3.2 Roman**

No entries of Roman date were recorded in the GLHER within the DA or its surroundings. Evidence for Roman activity in the wider area comprises a dagger found in Bounds Green c1km to the northwest of the DA in 1936 (REF), and two pottery kilns at Highgate Woods c1.8km to the southwest of the DA. The lack of evidence for Roman activity may be accounted for by the hilly nature of this area, in contrast to adjacent areas which would have seemed more amenable to settlement and agricultural activity.

### **1.3.3 Anglo-Saxon**

Although there is no archaeological evidence for Anglo-Saxon activity in this area, the place-name Wood Green has Saxon origins in "*Woodlegh*" and "*Woodlea*"; Hornsey has a Saxon ending in "*sey*"; and Haringey may have stemmed from the name of a Saxon family "*de haringeie*". This suggests that there may have been some Saxon settlement in this general area.

### **1.3.4 Medieval**

No evidence for medieval activity has been uncovered within the DA or its immediate surroundings, with the medieval entries on the GLHER being concentrated around the settlements at Wood Green and Hornsey. The first reference to Wood Green is in the 1086 Domesday Book where it appears as “*Woodlegh*”, a sub-manor of Tottenham. “*Ducketts*” was also recorded as a sub-manor of Tottenham in the Domesday Survey – the DA would have fallen within the land of Ducketts Estate (references to this estate are also found throughout the 14<sup>th</sup> and 15<sup>th</sup> century). Three medieval moated houses, two on Hornsey High Street (450m southwest and 290m southeast of the DA; MLO228 and MLO627580) and one at Westbeech Road 430m east of the DA (MLO213) are also recorded on the GLHER; as are four roads with their origins in the medieval period (Lordship Lane, Bounds Green Road, Hornsey Lane, and High Road).

### **1.3.5 Post-medieval**

The post-medieval history of the DA can be understood using historic maps. The earliest map available, the 1844 Tithe Map, shows the DA and surrounding area as open fields, with the Moselle Brook running through the DA and Dovecotte House to the east of the DA. This suggests that the land was in use for agriculture during the post-medieval period and, presumably, the medieval period. This fits with the picture of the area remaining as open fields into the 19<sup>th</sup> century with development focused at Wood Green and Hornsey Villages.

Development in the area began after 1850, facilitated by the construction of the Great Northern Railway. The New River and the Moselle Brook were redirected and, between 1852 and 1859, the New River reservoir and filter beds of the Hornsey Water Works were built. The Moselle, which runs beneath the DA, was fully culverted in 1912, having been partially culverted since 1850. The area surrounding the DA remained rural until the later 19<sup>th</sup> century, when 100 acres of land at Ducketts Farm was sold to the Artisans, Labourers and General Dwellings Company for Poor Housing.

The earliest buildings to be built within the DA were the workers’ cottages for the nearby tobacco factory, built in 1861, which were partly positioned within the north-western part of the DA. At this time the Hornsey Gas Works were located to the south of the DA, adjacent to Clarendon Road. The Gas Works were relocated in 1866 to the DA, with the two gasholders being constructed between 1888 and 1894.

Changes to and development within the DA, all associated with the gasworks, are shown on 20<sup>th</sup> century OS Maps. In 1960 the Hornsey Gas Works were decommissioned, and some of the buildings within the site were demolished. By the time of the 1990s OS Map, the two gas holders and the buildings in the position of the former coal stores were all that remained of the gasworks. The Olympia Industrial Estate had been constructed by the time of the 1989 OS Map, replacing earlier housing in this location, and the Haringey Call Centre has occupied the building in the north-western part of the DA since 2000.

It is possible that archaeological remains may be preserved in the alluvial deposits associated with the former course of the Moselle Brook. Potential remains might relate to land formation processes, temporary and permanent settlements sealed by inundations, foreshore structures such as piers, fish traps and other riverine remains. The high level of anaerobic preservation in some alluvial deposits also allows for early prehistoric remains. From pre-history the river would have served as a possible route through the area and resource for hunting and fishing.

## 2 OBJECTIVES

### 2.1 General

In general the purpose of the investigation is to record and enhance understanding of the significance of heritage assets before they are lost (NPPF para 141). This will be achieved by determining and understanding the nature, function and character of any remains on the site, in their cultural and environmental setting. The aims of the investigation include.

- Establishing the location, extent, nature and date of any archaeological features or deposits that may be present.
- Establishing the integrity and state of preservation of any archaeological features or deposits that may be present.
- Establishing the ecofactual and palaeo-environmental potential of archaeological deposits and features across the site.
- Securing, where appropriate, the assessment, analysis, conservation, and long-term storage of any artefactual/ecofactual material recovered from the site.

The local and regional research contexts are provided by 'A *Research Framework for London Archaeology*' (Museum of London and English Heritage 2002). Any evidence retrieved during the works were analysed in light of the objectives contained in these frameworks.

### 2.2 Specific

More specifically, the Research Framework for the greater London Region is provided by Museum of London and English Heritage, 2002, *A Research Framework for London Archaeology*

On final completion of the fieldwork. An online OASIS form will be completed (OASIS Number: headland4-203198) and final reports submitted to the ADS website.

Following completion of all project work, Headland will produce a site archive in line with the MoRPHE specification, including all specialist assessments of excavated material before being deposited in LAARC (The London Archaeological Archive and Research Centre) (Site Code: HRG15). A security copy of the archive will be made in an appropriate medium. All archive preparation will be undertaken in accordance with guidelines published by the ClfA on behalf of the Archaeological Archives Forum (July 2007).

Specifically, with regard to the above framework the aims of the investigation include:

<b>Source of Research Aim</b>	<b>Relevant Sections</b>	<b>Period/Type of Remains</b>	<b>Summary of relevant aim</b>	<b>Most relevant/likely contribution to be made by remains on this scheme</b>
Museum of London and English Heritage, 2002, <i>A Research Framework for London Archaeology</i>	Hydrology (TL2)	River systems (all periods)	<p>“Understanding London’s hydrology and river systems and tributaries”</p> <p>“Understanding the relationship between landscape, river, and settlement”</p>	Discovery of remains related to the original course of the Moselle Brook. This may include evidence for land formation processes, temporary and permanent settlements sealed by inundations, foreshore structures such as piers, fish traps and other riverine remains. There is also the potential for palaeo-environmental remains to be uncovered in association with the Moselle Brook.
Museum of London and English Heritage, 2002, <i>A Research Framework for London Archaeology</i>	Economy: Industrial Production (L9)	Post-medieval / modern	“Contributing to the understanding of London’s place as an industrial power”	Remains associated with the late 19 <sup>th</sup> century gas-works and workers’ cottages.
Museum of London and English Heritage, 2002, <i>A Research Framework for London Archaeology</i>	Economy: Agricultural Production (L8)	Medieval / post-medieval	“Developing models to demonstrate how archaeology can contribute to the history of food production and market gardening in the London area”	Remains associated with medieval / post-medieval agricultural activity, thought to have been taking place on the DA.

### 3. METHODOLOGY

Archaeological monitoring was undertaken over the course of several visits between 15<sup>th</sup> March 2017 and 29<sup>th</sup> August 2017. This observed the lifting of concrete footings and brick foundations of the demolished call centre and earlier buildings associated with the defunct gas works, the excavation of heavily contaminated soils within seven target areas to complete the demolition and remediation works, as well as the excavation of 19 trial pits, see Illus 2.

Monitoring was carried out in accordance with the WSI (Headland, 2015) within strict Health & Safety constraints and involved archaeological observation and photographic recording of the groundworks.

In total seven remediation target areas were excavated within the DA and 19 trial pits (see Illus 2).

- Area 1A consisted of the infill of a gasholder tank and measured 30m in diameter and was excavated down to asbestos contamination free levels of c6m deep.
- Areas 2A, located at the south of the DA and orientated northwest-southeast measured 32m in length, 26m wide and 2.5m in depth and was slightly rectangular in shape.
- Area 2B was also located at the south of the DA and orientated northwest-southeast,, measuring 35m in length, 31m in width with a maximum of 2.6m in depth and was sub-rectangular in shape.
- Areas 3A and 3B were sub-rectangular in shape and situated on the southeast bend of Mary Neuner Road. Area 3A, orientated north-south measured 35m by 35m for a maximum depth of 2.5m.
- Area 3B, orientated southwest-northeast measured 46m in length, 30m in width and had a maximum depth of 2.5m. Both areas 3A and 3B were merged forming a large area of 65m in length by 35m in width.
- Area 4A, was located at the east of the DA, south-southeast of gasholder 1 and north of gasholder area 1A. It was of amorphous shape and measured 45.8m in length and had a minimum width of 16.6m for a maximum of 29.1m, the average depth was of 1.6m.
- Area 4B lay to the west of area 4A and was extended immediately adjacent to Mary Neuner Road. Area 4B also included an extension at the east for the purpose of locating pipes and service trenches. Area 4B was linear in shape, measuring a combined total of 32m in length, an average width 8m and a maximum depth of 1.80m

Several trial pits were excavated in the carpark and in close vicinity of gasholder 1. The pits measured between 1.55m and 3.58m in length for an average width of 0.80m, their depth was dependent of the material exposed, Trial pit 1 was 0.60m in depth due to the presence of a concrete service casing whereas Trial pit 19 was 2.25m in depth and exposed the natural clay.

Monitoring of the remains was undertaken through observation and photographic record due to strict Health and Safety requirements related to highly contaminated soils. The stratigraphy of each trial pit was photographed and described. A representative sample, sufficient to meet the objectives of the watching brief (Illus. 2).

#### 3.1 Recording

All recording was in accordance with the code of practice of the Chartered Institute for Archaeologists (CIfA 2014b). Contexts were given unique numbers. All recording was undertaken on pro forma record cards that conform to accepted archaeological standards. A sample of stratigraphic relationships was recorded due to health and safety restrictions related to highly contaminated soils..

An overall site plan at an appropriate scale and relative to the National Grid was compiled. The site plan was accurately tied in to the National Grid and a scale version is shown in Illus 2.

A digital photographic record was taken and a metric scale was clearly visible in record photographs where appropriate and safe to do so.

Full context and descriptions including dimensions, depths and orientations, are presented in Appendix 1 Context Register. Contexts are identified numerically (i.e. Area 1A: (0101), Area 2A: (0201), Area 2B: (2001)) with cuts indicated by square brackets and deposits by rounded brackets. Selected technical detail is utilised below to describe the remains found and to inform the interpretation and dating completed and presented in this report.

### **3.2 Reporting and archives**

The results of the works are presented below. A report has been prepared for submission to the OASIS database (headland4-272829).

The resultant archive will be deposited at London Archaeological Archive and Research Centre (LAARC). All archive preparation will be undertaken in accordance with guidelines published by the ClfA (2014a).

## **4 RESULTS**

### **4.1 Introduction**

The technical detail of contextual information can be found in Appendix 1. The following narrative is designed to interpret that technical detail and attempt to categorise its significance. Context numbers for deposits are expressed in parenthesis, i.e. (0001), cuts of features are expressed in brackets, i.e. [0003].

*“The purpose of a watching brief is to allow, within the resources available, the preservation by record of archaeological deposits, the presence and nature of which could not be established (or established with sufficient accuracy) in advance of development or other potentially disruptive works” (ClfA December 2014, 1, Section 2).*

Monitoring of works associated with the demolition of the buildings revealed little traces of the land use of the DA prior to the 1860 gas works including the redirecting of the Moselle Brook. There was some evidence of alterations to the use of the DA in the form of made grounds composed of brick and concrete rubble from previous buildings. What follows is a description of the stratigraphy and features in the various areas where groundworks took place.

### **4.2 Results**

Two natural geologies were present on site. Across most of the DA, the natural substrate consisted of black clayey peat over light yellowish grey brown clay with partial concentrations of gravelly clays. At the northern side the natural substrate appeared as a dark to light greyish yellow clay mottled brown. This was overlain by a made ground of clay which covered the contaminated structural remains of the late 19<sup>th</sup>/early 20<sup>th</sup>-century gas works set at an average depth of 2.5m deep. Above this was either gravel pathways, concrete floors or tarmac car parks, generally between 0.15m and 0.35m deep.

The majority of the areas across the site contained no archaeological features, with the exposed stratigraphy mostly consisting of levelled rubble and clay made grounds over contaminated demolition debris from the gas works. Potential archaeological remains were only uncovered at the north of the site at the west of gasholder 3, in Trial Pit 13. The other trial pits and areas have only uncovered modern demolition rubble, service concrete casings and 1970s building concrete footings and support piles.

#### **4.2.1 Modern gas holders**

A gasholder tank was exposed as area 1A. This circular structure was located to the south of gasholder 1 and is consistent with various records dating the gasholder from 1868, aerial photographs and OS maps dating from before 1970 by which time the gasholder had been dismantled and filled in with asbestos contaminated rubble from formerly associated buildings and structures. The red brick tank measures 30m in diameter and has 6m of the inside depth exposed; it is estimated that there are another 4m to reach the base (Illus 3). The walls consist of red bricks arranged in English cross bond courses and are approximately 0.50m thick directly lining the natural substrate. Every 3m alternating concrete and brick remains of guide-frame bases can still be observed (Illus 4&5).

The tank was truncated on the western side by modern cable trenches and the base remains filled with rubble and other debris.

The tank was excavated up to contamination free deposits which were capped with a layer of clay and plastic sheeting until further notice.

Two other gasholders were also present and were recorded (Archaeology South-East, 2015), their frames were both dismantled and their respective tanks securely fenced off. Gasholder 3 (Illus 6) was filled with soil leaving an access ramp on the south side while Gasholder 1 (Illus 7) is fully empty with its distinctive elevated base showing above the water line.

#### **4.2.2 Modern ancillary buildings and structures**

Areas 2A-B and Areas 3A-B were located at the western side of Mary Neuner Road and were large open areas targeted for their high levels of contaminated residues and relationship to the functioning gas works; most of the contamination derives from hydrocarbons and is a direct result of the production of gas from coal involving coke, acids and other dangerous substances. The main contractor consequently had very strict Health and Safety restrictions which didn't allow any close investigation of any of the remaining structures whether it be establishing representative section drawing or extensive field survey. The only record available is photographic and descriptive in nature and no other archaeological or historical remains were observed besides red brick foundations, purifiers, conduits and tar tanks consistent with the historical building survey of the gas works before demolition.

The most substantial surviving sample of these structures are a series of brick foundations (0305), conduits (0103, 0311), purifiers and tar tanks were observed in Areas 2A and 3A and appeared to follow the historical footprint survey (Illus 10).

Foundations (0305) consisted of three parallel red brick foundations located in area 3A and a perpendicular segment orientated north-northwest to south-southeast (Illus 8). The foundations lay approximately 7m apart and were 0.9m thick. The westernmost foundation measured 25m in length whilst the other two were respectively 17.5m and 18m long. The foundation and surviving wall face appeared to be of English cross alternate courses made of red bricks measuring 0.25m by 0.11m by 0.07m. The foundations and shallow wall remnants align with the historical survey of the purifiers and oxide sheds related to the gas works. The easternmost foundation was also used as a conduit for large quantities of water and had a wide pipe in a brick casing running against its face. (Illus 2 & 9)

Area 2A & B exposed remains of brick foundations as well as remains of clay sealed tar tanks and purifiers which related to various phases of development of the Hornsey gas works. The tar tanks and purifiers were of various sizes throughout the DA, and access was extremely limited for safety reasons. Those structures were filled with highly contaminated rubble and were only photographed and briefly described. (Illus 10)

#### **4.2.3 Later constructions**

Remains of building concrete footings were observed all across the DA, most related to the recent call centre, structures and car parks associated with the larger 20<sup>th</sup> century Olympia Industrial Estate. Other

phases of later modern constructions were observed in the trial pits carried out in the current carpark location. Only support piles, floor slabs, footings and services trenches remained. (Illus 11)

#### 4.2.4 Moselle Brook

The Moselle Brook, which was fully culverted in 1912, runs east-west of the DA can be seen in two open segments; one at the east outside the site remit (Illus 12) and another at the southeast of gasholder 1 (Illus 13).

The Moselle Brook along with New River were redirected between 1852 and 1859 but no alluvial deposits of their former courses nor any evidence of river use were observed during the remediation works.

One archaeological artefact was retrieved from Trial Pit 13, (Illus 14). Trial Pit 13 was located to the west of gasholder 3 at the northeast corner of the carpark, oriented approximately northwest-southeast. It measured 2m x 0.63m with an average depth of 1m. The pit exposed a stratigraphical sequence very different to the rest of the site. Under the carpark tarmac and support gravels lay a 0.15 to 0.30m thick light yellow clay (130003) sealing a soft black peat of unknown depth (130004). Fragments of fabric were retrieved from the interface between (130003) and (130004). The fragments made of plain weave may be part of a sack (Illus 15). The location of the find does not give any conclusive clues as to its date but is likely to be related to the 19<sup>th</sup> Century early construction phase of the gasworks.

#### 4.3 Description of heritage assets and impact assessment

Heritage Asset	Area	Feature	Significance of heritage asset on Local, Regional, National, International scale
HA 1	1A	Gasholder tank	Medium significance of Local interest
HA 2-	2A/B 3A/B	Brick foundations of gas works ancillary buildings	Low significance of Local interest

*Table 1 Significance of the Heritage Assets (HA)*

HA1 consists of the remains of the brick tank of a gasholder built in 1868 and dismantled by 1970 located in the west of the site at the south of two later gasholders. This is considered to have medium significance of local interest and there will be a direct impact on it during construction.

HA2 represents the remains of brick foundations and concrete based footings related to buildings associated with the gas works. The remains exposed in areas 3 A&B were surrounded with highly contaminated residues of the gas works in disuse. This is considered to have low significance of local and regional interest.

## 5. CONCLUSION

The remediation areas and related trial pits did not reveal any archaeological or historical remains other than those expected from the historic building survey. No alluvial deposits from the Moselle Brook former courses were observed.

Potential historical remains were retrieved from one of the 19 trial pits excavated. Trial Pits 1 to 14 (except trial pit 13) contained concrete casing for contemporary service cables and pipe, concrete slabs and footings from buildings dating from 1960 to the later carpark; Trial Pit 3, however was successfully re-opened to determine the depth of the natural clay. Trial Pits 15-19 contained variably contaminated rubble of structures probably related to the 1860s gasworks relocation.



No further archaeological remains were found in any of the remediation areas.

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## 7. APPENDICES

### Appendix I – Context Register

Context no	Description	Area/ Trial Pit	Dimensions (m)
101	General overburden/ footpath gravel and topsoil	Area 1A	40 x 31 x 0.2
102	Gasholder 2 brick tank	Area 1A	30 Diam x >6 x 0.5-0.8 Th
103	Concrete conduit for cables and pipes	Area 1A	3.2 Diam
104	Gasholder 2 (0102) rubble infill	Area 1A	30 Diam x >6 D
105	Natural geology-London clays	Area 1A	N/A
201	Overburden topsoil and concrete parking area	Area 2A	>32 x >26 x 0.2 (average)
202	Made ground-Rubble and demolition debris	Area 2A	32 x 26 x 1 (average)
203	Concrete footings and Piles- (20th century 2nd half)	Area 2A	n/a
204	Natural geology-London clays	Area 2A	>32 x 26 x 1.5+
205	Brick conduit related to gasworks	Area 2A	1.2 x 1 x 0.5
206	Tar tank	Area 2A	3 w x 4 D
2001	Topsoil/overburden/tarmac, concrete floor and gravel underlay	Area 2B	>35 x >31 x 0.50
2002	Concrete slabs and floors	Area 2B	>20 x >20 x 0.25
2003	Made ground and levelled demolition debris	Area 2B	>35 x >31 x 1m Th
2004	Concrete footings	Area 2B	N/A
2005	Rubble- Contaminated debris and residues	Area 2B	>35 x >31 x 1.50
2006	Purifier tank or storage recess	Area 2B	c. 2 x 2 x 2
2007	Brick foundations related to gasworks	Area 2B	N/A
2008	Natural geology-London clays	Area 2B	>32 x >26 x >2
301	Tarmac/gravel/overburden/ ground level	Area 3A	>30 x >26 x 0.5-0.8
302	Brick and rubble	Area 3A	>30 x >26 x 0.2-0.6
303	Made ground redeposited clay	Area 3A	>30 x >26 x 1 (average)
304	Contaminated rubble	Area 3A	>30 x >26 x 1-1.8
305	Red brick foundations	Area 3A	27 (max) .x 1 x 0-0.75
306	Natural clays and gravels	Area 3A	>30 x >26 x >1.7
307	Foundation cut fill -under brick foundation (0305)	Area 3A	27 (max) .x 1 x 0-0.75
308	Cut for brick foundations	Area 3A	27(max) .x 1 x 1 (max).
309	Small structure- (conduit)	Area 3A	2 l x 2 w
310	(Earlier) brick foundation	Area 3A	3.6 x 0.62 x >2
311	(Earlier) brick foundation	Area 3A	1.5 x 0.26 x >2
312	Representative pipe casing	Area 3A	>2 x 0.5 x >1.7
3001	Concrete pathways/ tarmac/ general overburden	Area 3B	>22 x >20 x 0.5 (average)
3002	Made ground- Rubble	Area 3B	>22 x >20 x 1 (average)
3003	Natural clays	Area 3B	>22 x >20 x >3
3004	Brick foundations	Area 3B	N/A
3005	Concrete/ cement footings	Area 3B	N/A
401	Topsoil/ general overburden	Area 4A	0.5 (estimated)

402	Rubble-made ground- Contaminated debris and residues	Area 4A	Unknown
403	Gravels and clays-Natural	Area 4A	Unknown
4001	Topsoil/ general overburden	Area 4B	>0.2
4002	Made ground (mixed deposit)	Area 4B	>0.3
4003	Thin layer of burnt materials (related to gasworks demolition)	Area 4B	0.08 max. Th
4004	Red brick levelled made ground	Area 4B	0.3 max.
4005	Rubble- Gasworks demolition debris and residues	Area 4B	> 1
4006	Natural clays	Area 4B	> 1
10001	Concrete footpath	Trial Pit 1	>2.37 x >0.9 x 0.2
10002	Gravels, sand and brick fragments underlay for concrete	Trial Pit 1	>2.37 x >0.9 x 0.2-0.45
10003	Clayey sandy silt made ground	Trial Pit 1	>2.37 x >0.9 x 0.15-0.2
10004	Concrete casing for modern services	Trial Pit 1	>2.37x >0.9 x 0.6
20001	Concrete footpath	Trial Pit 2	>2.15 x >1 x 0.2
20002	Gravels and sand underlay for concrete	Trial Pit 2	>2.15 x >1 x 0.4
20003	Coarse yellow sand	Trial Pit 2	>2.15 x >1 x 0.2
20004	service trench with plastic pipe	Trial Pit 2	>2.15 x >1 x 0.8
20005	Stony fill of service trench	Trial Pit 2	>2.15 x >1 x 0.8
30001	Topsoil-loamy clayey silt	Trial pit 3	>1.75 x >1 x 0.1
30002	Reddish brown redeposited silty clay	Trial pit 3	>1.75 x >1 x 0.4
30003	Redeposited chalky material	Trial pit 3	>1.75 x >1 x 0.2
30004	Layer of burnt material	Trial pit 3	>1.75 x >1 x 0.1
30005	Concrete slab	Trial pit 3	>1.75 x >1 x 0.8
30006	Sandy gravel support layer for concrete slab	Trial pit 3	>1.75 x >1 x 1
30007	Soft black clayey peat	Trial pit 3	>1.75 x >1 x 1.3
30008	Dark blueish grey clay- natural substrate	Trial pit 3	>1.75 x >1 x >2.3
40001	Tarmac ground level	Trial pit 4	>2 x >0.9 x 0.15
40002	Gravels and sand underlay for tarmac surface	Trial pit 4	>2 x >0.9 x 0.45
40003	Concrete slab/footing	Trial pit 4	>2 x >0.9 x 0.6
40004	Oily demolition rubble- contaminated	Trial pit 4	>2 x >0.9 x >1.2
50001	Tarmac ground level	Trial pit 5	>2.28 x >1 x 0.15
50002	Light pink gravels and sand underlay for tarmac surface	Trial pit 5	>2.28 x >1 x 0.3
50003	Dark pink gravels and sand undelay for tarmac surface	Trial pit 5	>2.28 x >1 x 0.35
50004	Concrete slab or footing	Trial pit 5	>2.28 x >1 x 0.8
60001	Tarmac ground level	Trial pit 6	>2.56 x >0.75 x 0.15
60002	Gravels and sand underlay for tarmac surface	Trial pit 6	>2.56 x >0.75 x 0.3
60003	Red and yellow brick fragments- Rubble	Trial pit 6	>2.56 x >0.75 x >0.7
70001	Tarmac ground level	Trial pit 7	>3.5 x >0.75 x 0.15
70002	Gravels and sand underlay for tarmac surface	Trial pit 7	>3.5 x >0.75 x 0.4
70003	Concrete slab/footing/casing	Trial pit 7	>3.5 x >0.75 x >0.4

70004	Red and yellow brick fragments- Rubble	Trial pit 7	>3.5 x >0.75 x >0.95
80001	Tarmac ground level	Trial pit 8	>2.1 x >0.8 x 0.15
80002	Gravels and sand underlay for tarmac surface	Trial pit 8	>2.1 x >0.8 x 0.15
90001	Tarmac ground level	Trial pit 9	>2.56 x >0.85 x 0.15
90002	Gravels and sand underlay for tarmac surface	Trial pit 9	>2.56 x >0.85 x 0.3
90003	Coarse orange yellow sand	Trial pit 9	>2.56 x >0.85 x 0.25
90004	Mixed made ground- brick fragments /stones/concrete	Trial pit 9	>2.56 x >0.85 x 0.15
90005	Concrete slab/footing/casing	Trial pit 9	0.5 + 0.4 x >0.85 x 0.9
100001	Tarmac ground level	Trial pit 10	>2.48x >0.85 x 0.15
100002	Gravels and sand underlay for tarmac surface	Trial pit 10	>2.48 x >0.85 x 0.35
100003	Coarse orange yellow sand	Trial pit 10	>2.48 x >0.85 x 0.25
100004	Black contaminated oily rubble	Trial pit 10	>2.48 x >0.85 x 1
100005	Dark greyish green clay	Trial pit 10	>2.48 x >0.85 x >1
110001	Tarmac ground level	Trial pit 11	>2.58 x >0.8 x 0.15
110002	Gravels and sand underlay for tarmac surface	Trial pit 11	>2.58 x >0.8 x 0.35
110003	Concrete slab/footing/casing	Trial pit 11	>2.58 x >0.8 x 0.5
110004	Rubble and silty clay nodules	Trial pit 11	>2.58 x >0.8 x 0.8
110005	Concrete slab/footing/casing	Trial pit 11	>2.58 x >0.8 x 1
110006	Black contaminated oily rubble	Trial pit 11	>2.58 x >0.8 x >1
120001	Tarmac ground level	Trial pit 12	>3 x >0.9 x 0.15
120002	Gravels and sand underlay for tarmac surface	Trial pit 12	>3 x >0.9 x 0.25-0.3
120003	Concrete slab/footing/casing	Trial pit 12	>3 x >0.9 x 0.4
120004	Concrete slab/footing/casing	Trial pit 12	>3 x >0.9 x 0.5
120005	Dark grey rubble potentially contaminated	Trial pit 12	>3 x >0.9 x >1.1
130001	Tarmac ground level	Trial pit 13	>2 x >0.63 x 0.15
130002	Gravels and sand underlay for tarmac surface	Trial pit 13	>2 x >0.9 x 0.3
130003	Light to mid yellow clays	Trial pit 13	>2 x >0.9 x 0.15-0.3
130004	Black peat	Trial pit 13	>2 x >0.9 x >1
140001	Concrete footpath and carpark	Trial pit 14	>2.1 x >0.76 x 0.25
140002	Gravels and sand underlay for concrete surface	Trial pit 14	>2.1 x >0.76 x 0.3
140003	Dark grey demolition debris	Trial pit 14	>2.1 x >0.76 x 0.5
140004	Concrete casing	Trial pit 14	>2.1 x >0.76 x 0.71
140005	Coarse yellow sand backfill of service trench	Trial pit 14	>2.1 x >0.76 x >0.76
150001	Gravel footpath around gasholder 1	Trial pit 15	>1.55 x >0.6 x >0.1-0.15
150002	Made ground- mixed- demolition debris and clay nodules	Trial pit 15	>1.55 x >0.6 x >1
160001	Gravel footpath around gasholder 1	Trial pit 16	>2 x >0.66 x 0.1-0.15
160002	Made ground- mixed- demolition debris and clay nodules	Trial pit 16	>2 x >0.66 x 0.25
160003	Black contaminated oily rubble	Trial pit 16	>2 x >0.66 x >1
170001	Gravel footpath around gasholder 1	Trial pit 17	>2.12 x >0.8 x 0.1-0.15

170002	Made ground- mixed- demolition debris and clay nodules	Trial pit 17	>2.12 x >0.8 x >0.6
180001	Tarmac and associated gravels	Trial pit 18	>3.1 x >1.2 x 0.65
180002	Layer of rubble	Trial pit 18	>3.1 x >1.2 x 0.4
180003	Redeposited clay- made ground	Trial pit 18	>3.1 x >1.2 x 0.3
180004	Dark grey clayey peat and demolition residues	Trial pit 18	>3.1 x >1.2 x 0.45
180005	Dark to mid grey clay mottled brown-natural substrate	Trial pit 18	>3.1 x >1.2 x >1.9
190001	Tarmac and associated gravels	Trial pit 19	>2.4 x >1.2 x >0.5
190002	Layer of rubble	Trial pit 19	>2.4 x >1.2 x >0.15
190003	Redeposited clay- made ground containing frequent rubble	Trial pit 19	>2.4 x >1.2 x >0.50
190004	Dark grey clayey peat	Trial pit 19	>2.4 x >1.2 x >1.1
190005	Dark to mid grey clay mottled brown-natural substrate	Trial pit 19	>2.4 x >1.2 x >2.25

## Appendix II – Photographic Register

Photo no.	Direction	Description
1	NNW	General shot of area 2A
2	NE	General shot of area 2A
3	SSE	Tar tank in area 2A
4	ENE	Work shot
5	NNW	Brick foundations in area 2A
6	NE	General shot of area 2B
7	SE	Boundary wall (1889)
8	N	Work shot area 3A
9	ENE	Work shot area 3A
10	N	Work shot area 3A
11	WNW	Area 3A in progress- Concrete piles
12	WNW	Area 3A in progress- Concrete piles
13	N	Area 3A in progress- Concrete piles
14	NNE	Area 3A in progress- Concrete piles
15	N	Contaminated soils in area 3A
16	WNW	Gasholder 2 (0102) -Area 1A in progress
17	NNW	Gasholder 2 (0102)-Area 1A in progress
18	NNW	Gasholder 2 (0102) -Area 1A in progress
19	NNW	Gasholder 2 (0102)-Area 1A in progress
20	NNE	Work shot at gasholder 2 (0102)- area 1A
21	NE	Contamination at area 3B (southeast corner)
22	WNW	View of temporary bridge over culverted Moselle Brook
23	NW	Shot of backfilling of area 2A
24	NE	Corner of area 3A at northern edge of excavation
25	NNE	Corner of area 3A at northern edge of excavation

26	ENE	Decontamination work shot area 3A
27	ENE	Decontamination work shot area 3A
28	WSW	Decontamination work shot area 3A
29	NE	Shot of area 3A- showing foundations
30	NNW	Work shot area 3A
31	N	Work shot area 3A
32	NNE	Northeast edge of excavation of area 3A
33	N	Foundations in area 3A
34	N	Foundations in area 3A
35	SE	View of southern edge of excavation in area 3A
36	WNW	Work shot area 3A
37	W	Work shot area 3A
38	WSW	General shot of southern edge area 3A
39	SE	General shot of southern edge area 3A
40	S	Eastern corner area 3A
41	S	Stratigraphical shot of southern edge area 3A
42	SSW	Oblique shot of baulk at south of area 3A
43	S	Clays in area 3A
44	S	Representative shot of contaminated soils-rubble
45	NNW	Working shot
46	NNW	Working shot
47	NNW	Working shot
48	NNW	Working shot
49	N	Oily waters seeping through at southeast corner of area 3A
50	N	Oily waters seeping through at southeast corner of area 3A
51	SSE	Moselle Brook culvert (outside development remit)
52	NNE	Southwest corner of area 3A (flooded)
53	NNE	General shot of edge of excavation at southwest of area 3A
54	NNE	General shot of edge of excavation at southwest of area 3A
55	NNW	Oily waters seeping through at south of area 3A
56	N	General shot of eastern edge of excavation of area 3A
57	S	Southern edge of excavation
58	S	Southern edge of excavation
59	S	Pipe alongside brick foundation
60	NW	Gravels in area 3A
61	E	Brick foundation and water channel
62	N	Patch of ash deposit
63	N	Work shot in area 3A
64	W	Water channel under brick foundation
65	SE	Working shot area 3A
66	S	General shot of area 3A showing (3006) and (3007)
67	S	Detail (3006)

68	SW	Area 3B southwest edge of excavation
69	x	Objects (frying pan) in contaminated soils in area 3A
70	x	Example of waste
71	NE	Spoil heap of area 3A
72	E	Edge of area 3A and Moselle Brook culvert boundary
73	S	Moselle Brook culvert
74	W	Moselle Brook culvert
75	SW	Moselle Brook culvert
76	SW	Moselle Brook culvert
77	N	Exposing made ground (0304)
78	N	Exposing brick feature
79	N	Exposing brick feature
80	N	Exposing brick feature
81	N	Exposing brick feature
82	E	Gasholder 1
83	NE	Gasholder 1
84	ENE	Gasholder 1
85	W	Structure (0312)
86	N	Structure (0312)
87	W	Structure (0312) and pipe in area 3A
88	E	Representative shot of foundation wall (0316)
89	W	Structure (0309) under rubble
90	E	Structure (0309) under rubble
91	x	Representative shot of brick
92	W	Representative shot of wall
93	S	Shot of lower foundations (0310) and (0311)
94	S	Shot of lower foundations (0310) and (0311)
95	S	View of foundation wall
96	W	Representative shot of wall
97	W	View of wall and pipe in area 3A
98	E	View of gasholder 2 (0102) (looking west)
99	x	Representative shot of concrete base for guide-frame of gasholder 2 (0102)
100	x	Representative shot of concrete base for guide-frame of gasholder 2 (0102)
101	ENE	View of gasholder 2 (0102) (looking west-southwest)
102	x	Edge of gasholder 2 (0102) concrete and brick base for guide-frame
103	NE	Gasholder 2 (0102) and access ramp
104	NE	Gasholder 2 (0102) (looking southwest)
105	NW	Gasholder 2 (0102) (looking southeast)
106	W	Gasholder 2 (0102) northern rim of tank (looking east)
107	W	Gasholder 2 (0102)-Rubble in tank (looking east)
108	W	Gasholder 2 (0102)-Rubble in tank (looking east)

109	S	Gasholder 2 (0102) showing later cable truncation (looking north)
110	S	Gasholder 2 (0102) showing later cable truncation (looking north)
111	W	Gasholder 2 (0102) (looking east)
112	SE	Concrete base for guide-frame in gasholder 2 (0102) (looking northwest)
113	S	Gasholder 2 (looking north)
114	S	Gasholder 2 (looking north)
115	SW	Gasholder 2 (looking northeast)
116	SW	Concrete base guide-frame for gasholder 2 (0102) (looking northeast)
117	S	Gasholder 2 (0102) (looking north)
118	NW	Gasholder 2 (0102) brick tank elevation (looking southeast)
119	NW	Gasholder 2 (0102) brick tank elevation with guide-frame base (looking southeast)
120	NW	Gasholder 2 (0102) brick tank elevation with cable truncation (looking southeast)
121	S	Gasholder 2 (0102) brick tank elevation with guide-frame base (looking north)
122	NNE	Gasholder 2 (0102) brick tank elevation with guide-frame base (looking south-southwest)
123	NNE	Gasholder 2 (0102) brick tank elevation with guide-frame base detail
124	NNW	Gasholder 2 (0102) excavation access ramp
125	NNE	Gasholder 2 (0102) tank wall (looking south-southwest)
126	NNW	Gasholder 2 (0102)
127	E	Gasholder 2 (0102)
128	E	Gasholder 2 (0102)
129	ESE	Gasholder 2 (0102)
130	N	Gasholder 2 (0102)
131	N	Gasholder 2 (0102)
132	E	Gasholder 2 (0102)
133	E	Gasholder 2 (0102)
134	S	Gasholder 2 (0102)
135	SW	Gasholder 2 (0102) cable truncation
136	SSE	Gasholder 2 (0102)
137	SW	Gasholder 2 (0102) and detail of steel guide frame remains
138	x	Gasholder 2 (0102) and truncation detail
139	x	Gasholder 2 (0102) concrete base for guide-frame
140	N	Gasholder 2 (0102) concrete base for guide-frame
141	E	Gasholder 2 (0102)
142	x	Gasholder 2 (0102) concrete base for guide-frame
143	x	Gasholder 2 (0102) concrete base for guide-frame
144	x	Gasholder 2 (0102) brick base for guide-frame
145	x	Gasholder 2 (0102) concrete base for guide-frame
146	x	Gasholder 2 (0102) brick base for guide-frame



147	x	Gasholder 2 (0102) brick base for guide-frame
148	S	Pipe works within foundation in area 3A
149	S	Pipe works within foundation in area 3A
150	S	Contaminated soils at southeast corner of area 3A
151	S	Work shot demolition of foundation in area 3A
152	S	Pipes within foundation in area 3A
153	W	Work shot area 3A
154	W	Contaminated soils in area 3A
155	W	Contaminated soils in area 3A
156	W	Contaminated soils in area 3A
157	W	Contaminated soils in area 3A
158	SW	Brick fragment surface in area 3A
159	SW	Gasholder at Northern Circular road and Station road junction-London
160	N	Pre-excavation shot at area 3B showing (3001)
161	WNW	Pre-excavation shot at area 3B showing (3001)
162	NNE	Cable trench area 3B showing (3001)
163	N	Exposing foundation (3004) area 3B
164	WNW	Exposing foundation (3004) area 3B
165	W	Exposing foundation (3004) area 3B
166	WNW	Work shot area 3B
167	WNW	Work shot area 3B
168	W	Shot of (3005) and [3006] remains
169	W	Exposing (3003)
170	SSW	shot of area 3B showing concrete floors-slabs (3001)
171	SSW	shot of area 3B showing concrete floors-slabs (3001)
172	E	Completed area 3A
173	NNE	Completed area 3A
174	NE	Completed area 3A
175	NE	Detail of gravels in area 3A
176	E	Stratigraphical shot in area 3A
177	SSW	Clays (3003) in area 3B
178	SSW	Clays (3003) in area 3B
179	E	Natural clays showing under contaminated soils
180	NW	Removal of contaminated soils
181	NE	General shot area 3B
182	NW	Removing concrete block in area 3B
183	W	General shot of area 4A
184	SSE	General shot of area 4A
185	N	General shot of area 4A
186	W	Detail of baulk section in area 4B
187	N	General shot of area 4A
188	W	General shot of areas 4A and B

189	NW	Area 4B pipe trench truncation
190	SSW	Pipes in area 4B
191	WSW	Pipes and cables in area 4B
192	W	Asbestos contaminated infill (0104) of gasholder 2
193	SE	General shot of gasholder 1
194	E	Side shot of gasholder 1
195	S	Side shot of gasholder 1
196	SE	Side view of gasholder 3
197	SSE	General shot of gasholder 3
198	SSW	Middle view of gasholder 3
199	x	Gasholder at Northern Circular road and Station road junction-London
200	E	View of cable ad pipe conduit (0103) linking gasholder 2 (0102)
201	S	Shot of water filled gasholder 2 (0102)
202	S	Contaminated infill (0104) in gasholder 2 (0102)
203	S	Foundations and concrete footings (0203) in area 2A
204	NW	Excavating contaminated soils (0202) in area 2A
205	SE	Brick conduit (0205) area 2A- purifier tanks
206	N	Exposing concrete footing (0203) in area 2A
207	NW	Brick foundations and concrete footings (0203)- area 2A
208	S	Area 2A infill and contaminated rubble (0202)
209	NW	Brick foundations and concrete footings(0203)- area 2A
210	NW	Gravels and clays (0210) in area 2A
211	ESE	Work shot area 2A
212	NE	Gravels and clays (0212) in area 2A
213	SW	Area 2A after removal of contaminated soils
214	x	Brick conduit (0205) filled with highly contaminated materials (0202)
215	N	Area 2A completed
216	NE	Area 2A tar tank (0206)
217	N	Area 2A tar tank (0206)
218	N	Area 2A tar tank (0206)
219	NNE	General shot of area 2B showing (2001)
220	NW	Infilling deposits below (2001) in area 2B
221	NE	Deposits (2003) below carpark concrete (2002) in area 2B
222	E	Deposits (2003) below carpark concrete (2002) in area 2B
223	S	Deposits (2003) below carpark concrete in area 2B
224	S	General shot of area 2B with gasholder 1 as backdrop
225	SE	Made grounds (2003) in area 2B
226	ESE	Levelling and demolition deposits (2005) in area 2B
227	NW	Levelling gravels in area 2B
228	SW	Levelling gravels in area 2B
229	SW	Concrete footings and foundation (0203) in area 2A
230	ENE	Area 2A

231	NE	Concrete footings and foundation (0203) in area 2A
232	N	Concrete footings and foundation (0203) in area 2A
233	NE	Purifier pit in area 2A
234	SE	Brick foundation (0203) in area 2A
235	NE	Call centre piles and made ground (3002) in area 3B
236	NNW	Work shot in area 3B
237	SE	Natural substrate in trial pit area 3B
238	NNW	Foundation (0305) in area 3A
239	ENE	Contaminated soils (3002) in 3B
240	ENE	Piles and concrete slabs (3005) in area 3B
241	ENE	Area 3B
242	ENE	Clean clays (3003) in area 3B
243	W	Work shot area 4A
244	E	Area 4A
245	S	Gravels and subsoil in area 4A
246	N	Clays in area 4B
247	W	Clays in area 4B
248	SE	General view of carpark
249	S	General view of carpark
250	NW	General view of carpark
251	WSW	General shot TP1
252	SE	Shot of TP1
253	SE	Shot of TP1
254	NW	Southwest facing section of TP2
255	SW	Southwest facing section of TP2
256	SW	Southwest facing section of TP2
257	ENE	Southwest facing section of TP4
258	WSW	Southwest facing section of TP3
259	ENE	General pre-excavation shot of TP5
260	NW	Northwest facing section of TP5
261	SE	South facing section of TP5
262	ENE	General pre-excavation shot of TP6
263	NW	Northwest facing section of TP6
264	SE	Shot of TP7 detail of concrete footings
265	NE	Shot of TP7
266	SSE	Shot of TP6 southeast facing section
267	NE	Shot of TP9
268	NE	Work shot at TP 10
269	NE	Shot of TP10
270	x	Contaminated soil detail
271	SW	General view of TP11 location
272	SW	Excavations in area 4B

273	NW	Excavations in area 4B
274	NW	Structure in area 4B
275	SE	Work shot at area 4B
276	NE	Moselle Brook culvert
277	NW	Work shot at TP11
278	NW	TP11 extension
279	NW	Old gas work pipes in area 4B
280	NW	Old gas work pipes in area 4B
281	NW	Breaking the concrete at TP1
282	NW	TP11- Showing under the concrete slabs
283	x	TP11- detail
284	N	TP12
285	N	TP12 extension
286	N	TP 12 after breaking the concrete
287	S	TP12 work shot
288	NE	General view of TP 13 location
289	NW	TP13
290	SW	TP13 northeast facing section
291	NW	TP13
292	SW	TP13 southwest facing section
293	x	TP13 detail of fabric on peat-clay interface
294	SW	Area 4B - Northwest facing baulk
295	ENE	TP14
296	ENE	TP14
297	SSE	TP14 south-southeast facing section
298	SW	General view of area of trial pits 16 and 17
299	NW	TP15
300	WNW	Work shot and location of TP15- near Moselle Brook culvert
301	N	Moselle Brook culvert showing connecting pipes
302	W	TP16 contaminated soils- spoil heap
303	NW	TP16
304	NE	General pre-excavation shot of TP17
305	ENE	TP17
306	SE	TP17 northwest facing section
307	SE	TP3 re-opened to reach natural substrate through concrete slab
308	SW	TP3 re-opened to reach natural substrate through concrete slab
309	NE	TP3 re-opened to reach natural substrate through concrete slab
310	SE	TP3 re-opened to reach natural substrate through concrete slab
311	SE	General location shot for TP18 and work shot
312	WSW	TP18 in progress
313	WSW	TP18 in progress
314	NW	TP18 southeast facing section

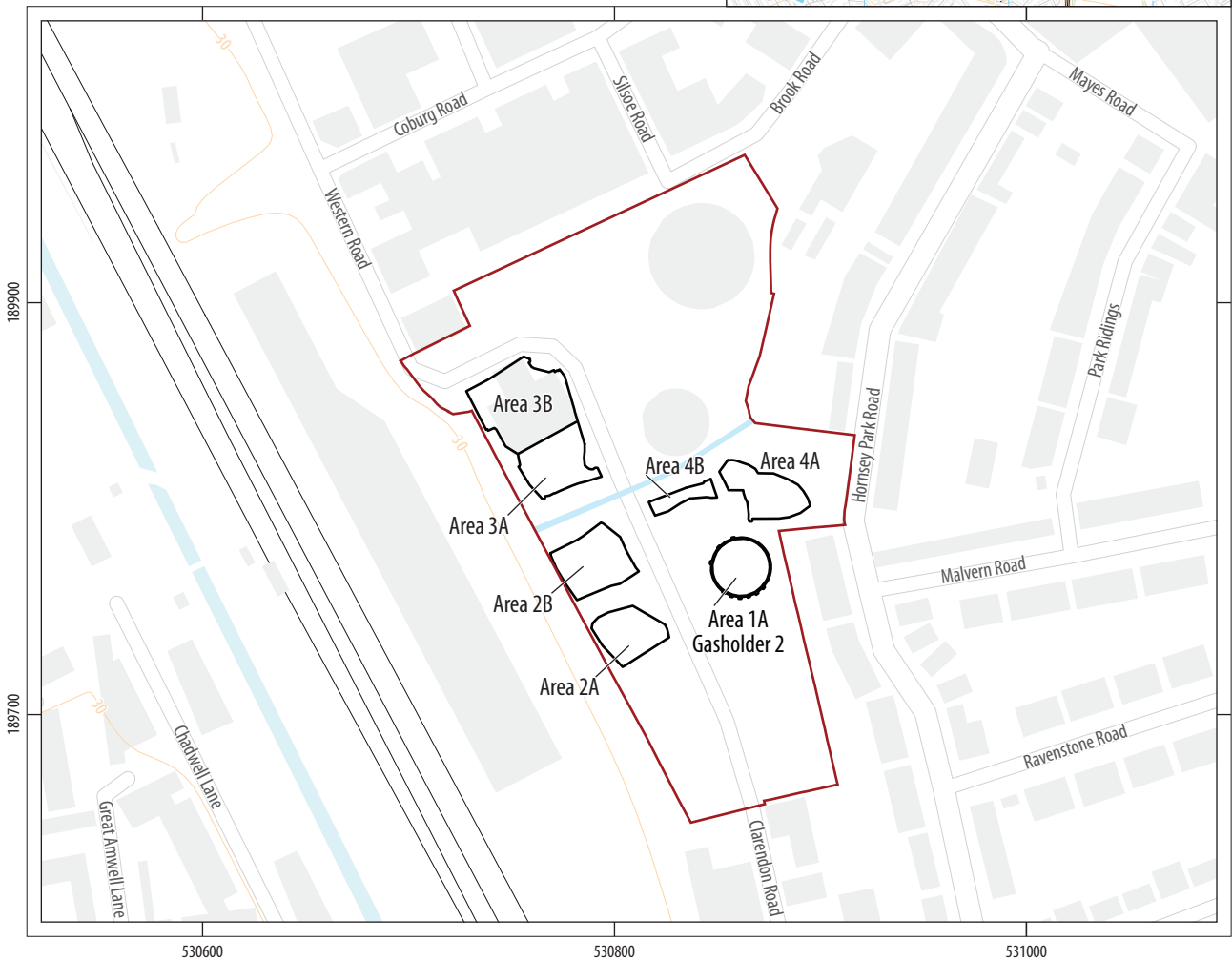
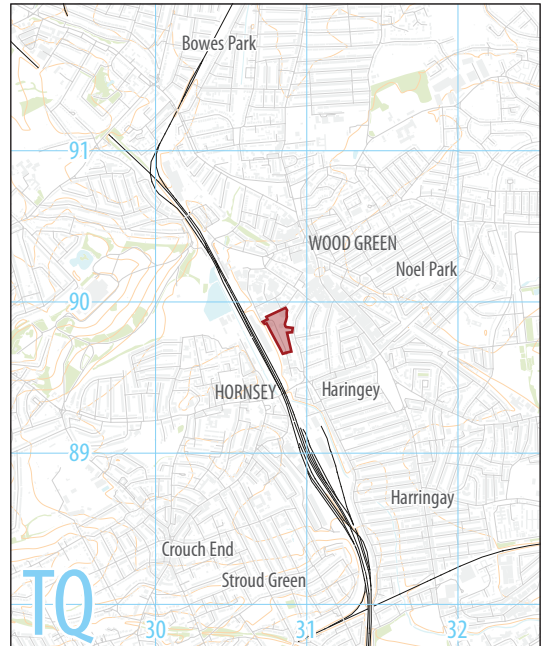
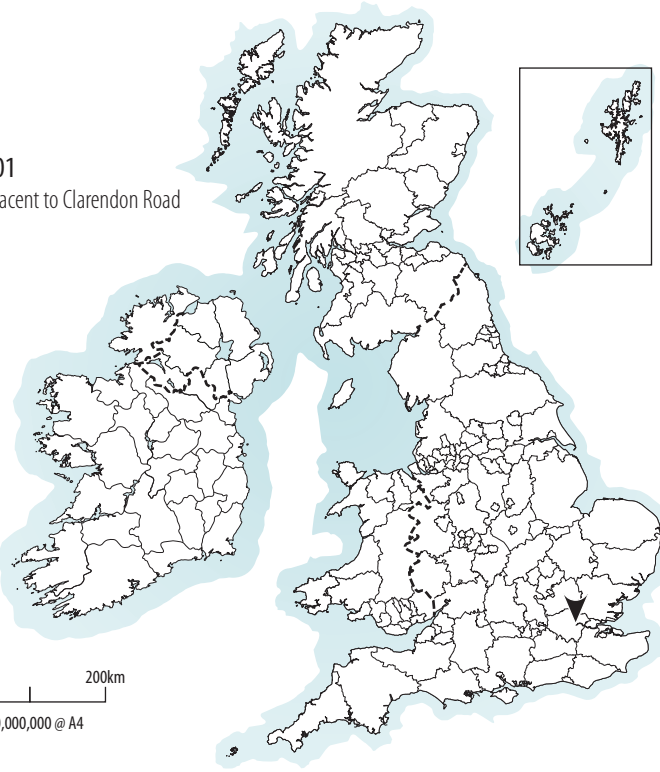
315	NW	TP18 southeast facing section
316	NW	General location shot for TP19 and work shot
317	ESE	Broken grading bucket blade in TP19
318	SE	TP19 southeast corner
319	NW	TP19 southeast facing section

**8. OASIS Form**

<b>OASIS ID: headland4-272829</b>	
<b>Project details</b>	
Project name	Hornsey Gas Works
Short description of the project	Headland Archaeology was commissioned to carry out a watching brief covering the various phases of intrusive works pertaining to the redevelopment of defunct and partially demolished gas works. The work included the monitoring of the remedial phase targeting hydrocarbon contaminated soils and other preparation works.
Project dates	Start: 15-03-2017
Previous/future work	Yes / Not known
Type of project	Recording project
Site status	none
Current Land use	Industry and Commerce 1 - Industrial
<b>Project location</b>	
Country	England
Site location	GREATER LONDON HARINGEY HORNSEY Hornsey Gas Works
Postcode	N22 6US
Study area	3.71 Hectares
Site coordinates	TQ 3081 8979 51.591266069943 -0.111441490833 51 35 28 N 000 06 41 W Point
Height OD/ Depth	Min: 23.09m Max: 25.71m
<b>Project creators</b>	
Name of Organisation	Headland Archaeology Ltd
Project brief originator	Contractor (design and execute)
Project design originator	Headland Archaeology Ltd
Project director/manager	Michael Tierney
Project supervisor	Astrid Lesley Nathan
Type of sponsor/funding body	Developer
Name of sponsor/funding body	National Grid
<b>Project archives</b>	
Physical Archive recipient	London Archaeological Archive and Research Centre (LAARC)

NSEY/01  
land adjacent to Clarendon Road  
Hornsey  
London

0 200km  
1:10,000,000 @ A4

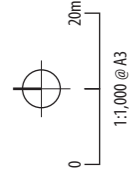


0 70m  
1:3,500 @ A4

planning application boundary  
 areas location



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- planning application boundary
- area location
- archaeological features
- trial pit

ILLUS 2 Detail plan showing areas and trial pit locations





**ILLUS 3** Gasholder 2 (0102) looking NW

**ILLUS 4** Gasholder 2 guide-frame base looking S

**ILLUS 5** Gasholder 2 and guide-frame base





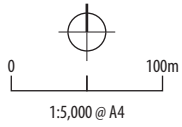
**ILLUS 6** Gasholder 3 looking N    **ILLUS 7** Gasholder 1 looking NW    **ILLUS 8** Foundation (0305) looking NNW    **ILLUS 9** Foundations (0305) and water conduit looking WNW    **ILLUS 10** Tar tank at west of area 2A





**ILLUS 11** S facing section of Trial Pit 5    **ILLUS12** Moselle Brook culvert at W of DA    **ILLUS13** Moselle Brook culvert at SW of gasholder 1    **ILLUS 14** SW facing section of Trial Pit 13    **ILLUS15** Fabric fragments in spoil from Trial Pit 13





planning application boundary

**ILLUS 16** Hornsey gas works OS map 1842–1952



17

**ILLUS 17** The Hornsey Gas Works and environs, Wood Green, 1938 © Historic England



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