



Cultural Heritage Environmental Impact

Planning Application for the Development of Houghton Main Renewable Energy Park (comprising a Timber Resource Recovery Centre and an Anaerobic Digestion Facility) Including Associated Infrastructure

Land off Houghton Main Colliery Roundabout, Park Spring Road, Houghton Main, Barnsley

Peel Environmental Management (UK) Limited and Houghton Main Waste Limited

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Summary

This Heritage Statement relates to a proposed development located on land close to the former colliery at Houghton Main, 7 km to the east of Barnsley in South Yorkshire. The aims of the statement are (a) to identify and describe the heritage assets within a defined study area, (b) to assess the significance of the assets, (c) to identify the impact of the proposed development on any heritage assets and (d) to make recommendations to mitigate the impact of the proposed development on any such sites.

As a result of a search of national and regional heritage databases 49 cultural heritage assets (archaeological sites, historic buildings and historic landscape features) have been identified within a 2 km radius of the proposed development, nine of which are Listed Buildings. By extending the radius of the study area to a 5 km the number of designated sites increased to 87, five of which are Grade I Listed Buildings, three are Grade II Listed Buildings and six are scheduled monuments.*

It is considered that the proposed development will not have an adverse impact on any designated cultural heritage sites or their setting.

It is also considered that hitherto unknown and hence unrecorded sites may have once been present within the footprint of the proposed development. However it is considered that such sites will either have been damaged or destroyed by the intensive utilisation of the proposed development in the 19th and early 20th centuries and that there is a minimal potential for the development to impact directly on any archaeology that might previously have been present.

In conclusion, the heritage statement has identified sites of national and regional importance in the study area but these are not within the boundary of the proposed development and will not be adversely affected by the proposed development.

13.1 INTRODUCTION

13.2.1 The proposed development is located at NGR SE 4171 0645 (Fig. 1), north of Little Houghton village and west of Great Houghton. A dismantled railway forms the northern boundary and Houghton Main Colliery roundabout is located to the south. The A6195 runs to the east and the River Dearne flows close to the southern extent of the site.

13.3 AIMS AND OBJECTIVES

13.3.1 The principal aims and objectives of the environmental impact assessment are as follows:

- a) to identify and describe any potential cultural heritage sites within the study area;
- b) to assess the significance of the sites within a national, regional or local framework;
- c) to determine the likely impact of the proposed pipeline construction on any such sites; and
- d) to make recommendations to mitigate the impact of the proposed development on any such sites.

13.4 Methodology

13.4.1 Cultural Heritage assets (archaeology, historic buildings and historic landscapes) within a 2 km radius and designated assets (Parks and Gardens, Conservation Areas, Grade I and II* structures, Scheduled Monuments (SMs) within a 5 km radius have been reviewed.

- Records have been reviewed for direct impacts of the proposed development (proposed development site boundary and immediate locality);
- Records have been reviewed for indirect impacts (2 km radius all sites, listed buildings and other designated sites), 2–5 km radius (all designated sites); and
- Documentary, cartographic and air photographic records have been reviewed for in order to identify any assets not listed in the South Yorkshire Historic Environment Record (HER).

13.4.2 A Heritage Gateway search was carried out to obtain data from the following resources:

- The National Heritage List for England: Designated Assets (Scheduled Monuments, Listed Buildings, Registered Battle Sites, Registered Parks and Gardens)
- South Yorkshire HER
- Pastscape

13.4.3 Further searches were made on:

- MAGIC interactive map: DEFRA
- The English Heritage (National Monuments Record) Aerial Photographic Archive
- Barnsley Local Development Framework Core Strategy Document
- Old Maps online
- Google Earth

13.5 PLANNING AND LEGISLATIVE BACKGROUND

National Planning Policy Framework (NPPF)

13.5.1 Chapter 12 of the NPPF relates to conserving and enhancing the historic environment. Paragraph 128 provides that:

In determining applications, local planning authorities should require an applicant to describe the significance of any heritage assets affected, including any contribution made by their setting. The level of detail should be proportionate to the assets' importance and no more than is sufficient to understand the potential impact of the proposal on their significance.

13.5.2 In paragraph 129 it goes on to state:

Local planning authorities should identify and assess the particular significance of any heritage asset that may be affected by a proposal (including by development affecting the setting of a heritage asset) taking account of the available evidence and any necessary expertise. They should take this assessment into account when considering the impact of a proposal on a heritage asset, to avoid or minimise conflict between the heritage asset's conservation and any aspect of the proposal.

Designated heritage assets

13.5.3 With regards Designated Historic assets, The NPPF provides as follows:

132. When considering the impact of a proposed development on the significance of a designated heritage asset, great weight should be given to the asset's conservation. The more important the asset, the greater the weight should be. Significance can be harmed or lost through alteration or destruction of the heritage asset or development within its setting.

Undesignated heritage assets

13.5.4 The NPPF provides as follows.

135. The effect of an application on the significance of a non-designated heritage asset should be taken into account in determining the application. In weighing applications that affect directly or indirectly non-designated heritage assets, a balanced judgment will be required having regard to the scale of any harm or loss and the significance of the heritage asset.

Barnsley Local Development Framework

13.5.5 CSP30 in the Barnsley Local Development Framework states that:

13.5.6 Development which affects the historic environment and Barnsley's heritage assets will be expected to protect or improve:

- the character and/or appearance of Conservation Areas;
- the character and/or appearance of Scheduled Ancient Monuments and their settings;
- the character and/or appearance of Listed Buildings and their settings (including any locally listed buildings);
- archaeological remains of national importance and their settings; and
- the character and/or appearance of historic parks and gardens

13.6 HERITAGE ASSETS WITHIN THE STUDY AREA (2 KM RADIUS) AND OUTER STUDY AREA (5 KM RADIUS)

Historic Environment Record

13.6.1 Forty-nine sites are recorded on the South Yorkshire Historic Environment Record within the 2 km study area (Fig. 1). Of these, nine are listed buildings: the Church of St Michael and All Angels being Grade II* with the remainder being Grade II.

13.6.2 Sixteen of the sites (7, 10-13, 17, 24-29, 35, 37-39) are cropmarks of later prehistoric or Romano-British field systems and there are three Roman period coin hoards from Darfield (Sites 33, 34 and 36). The remaining sites are mainly either medieval or post-medieval structures.

13.6.3 A geophysical survey and topsoil monitoring brief undertaken in the 1990s in advance of open cast mining some 400m to the north-east of the proposed development (Site 40, centred on NGR SE 4185 0695) recorded ridge and furrow and a possible Iron Age ditch. It is possible that the prehistoric feature was associated with cropmark sites 13 and 17.

13.6.4 Within a 5 km radius of the proposed development the number of designated heritage assets increases to 87, 81 of which are listed buildings, and six being Scheduled Monuments

Map regression analysis

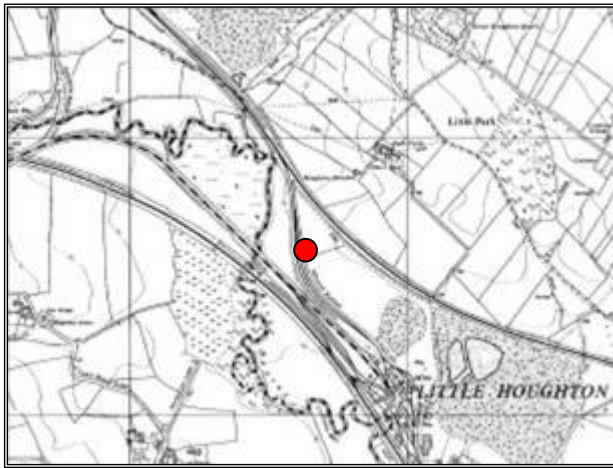
13.6.5 Ordnance Survey maps of the area around the proposed development show the gradual encroachment of infrastructure and industrial development on a largely rural landscape.



OS map 1989-93



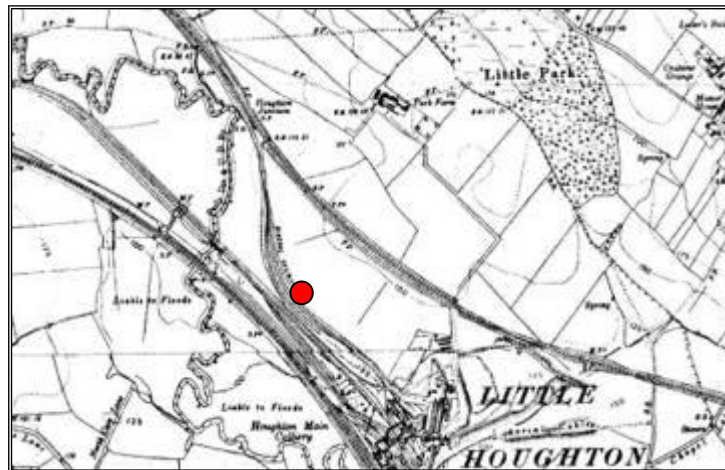
OS map 1974-83



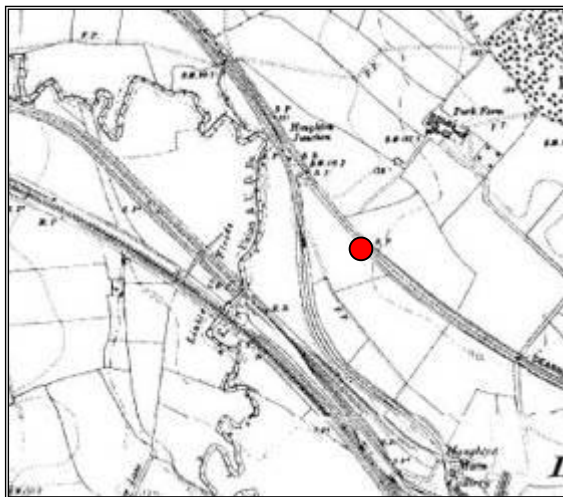
OS map 1955-56



OS map 1966-67



1938-48 OS map



1906-07 OS map



1854 OS map

- 13.6.6 The principal developments are the growth of the railway system and the colliery. A former railway line runs along the boundary of the proposed development in a north to south direction.

Historic environment characterisation

- 13.6.7 Perhaps the most useful information source is the South Yorkshire Historic Environment Characterisation survey which defines the area of the proposed development as 'Post Industrial'.
- 13.6.8 The survey records the immediate area thus: The earliest recorded use of the area comprised open fields which were subsequently enclosed in the mid-18th century. More recently in the 20th century the dominant characteristic of the area is the nearby Houghton Main colliery. The first shafts at Houghton Main Colliery were sunk in 1873 but the extensive spoil heaps didn't develop until the mid-20th century. The colliery closed in late 1993 and some of the spoil heaps were later subject to opencast extraction as part of the clearance of the site. Undeveloped land is shown on 2003 aerial photographs but the area looks to be under redevelopment as new roads are in place. There remains partial legibility of the spoil heaps in surviving disturbed ground but there is no legibility of the former enclosed landscape. The date of the enclosures marked on historic maps is uncertain as there is no record of a parliamentary award for the area but the fields were quite regular. Several of the fields within this polygon are named Park Field on a 1776 map of the area. This may indicate a former deer park in the area although there is no known record of one.
- 13.6.9 The relationship of this landscape character zone to neighbouring zones is identified in the South Yorkshire Historic Environment Characterisation website: <http://sytimescapes.org.uk/zones/barnsley/B26>

13.7 ARCHAEOLOGICAL AND HISTORIC SIGNIFICANCE OF IDENTIFIED HERITAGE ASSETS

- 13.7.1 There are no known designated or undesignated heritage assets within the immediate study area (i.e. the actual area of proposed development site)
- 13.7.2 There are nine designated heritage assets within a 2 km radius of the proposed development. One of these, the Church of St Michael and All Saints, Great Houghton, is Listed Grade II*, while the remaining features are buildings Listed Grade II: all are nationally important.
- 13.7.3 The number of designated heritage assets within 5 km of the proposed development is 87; 81 of which are listed buildings and six being scheduled monuments.
- 13.7.4 The 40 non-designated heritage assets within a 2 km radius of the proposed development comprise cropmarks of later prehistoric/Romano-British date and medieval and post-medieval structures. These are considered to be of regional or significance. NPPF (para 139) states that non-designated heritage assets that are demonstrably of equivalent significance to Scheduled Monuments should be considered subject to the policies for designated heritage assets: it is not considered that any of these sites would be of this value.

13.8 MAGNITUDE OF IMPACTS ON HERITAGE ASSETS

Direct impact of the proposed development on known heritage assets

- 13.8.1 There are no recorded historic assets within the immediate study area, which is defined as the proposed development and constitutes the physical 'footprint' of the proposed development.

Impact on setting

- 13.8.2 The listed buildings situated within a 2 km radius of the proposed development are sufficiently distant for there to be no direct impact on the buildings nor on their settings.

Potential impact of the development on unrecorded heritage assets

- 13.8.3 The map regression exercise and the Historic Environment Characterisation both indicate that the immediate study area has been subject to intensive development as a result of infrastructure and mining developments in the mid-19th and 20th centuries.
- 13.8.4 It is considered highly likely that any features of archaeological significance that might have once been present on the site (e.g. cropmarks of later prehistoric/Romano-British features), will almost certainly have been severely damaged or destroyed by the later intensive industrial developments.

13.9 SUMMARY OF IMPACTS ON HERITAGE ASSETS

- 13.9.1 The searches undertaken for this Heritage Statement have shown that the nearest archaeological features to the proposed development are ridge and furrow and a possible Iron Age ditch recorded during monitoring of topsoil stripping some 400m to the north-east of the proposed development.
- 13.9.2 However, it has been demonstrated that there was intensive utilisation of the site of the proposed development in the 19th and early 20th century for infrastructure and mining.
- 13.9.3 Thus it is considered that the proposed development has minimal potential to adversely affect any archaeological deposits and that there is no archaeological constraint on the proposed development.

References

Barnsley Local Development Framework Core Strategy (February 2010). Historic Environment, p.116

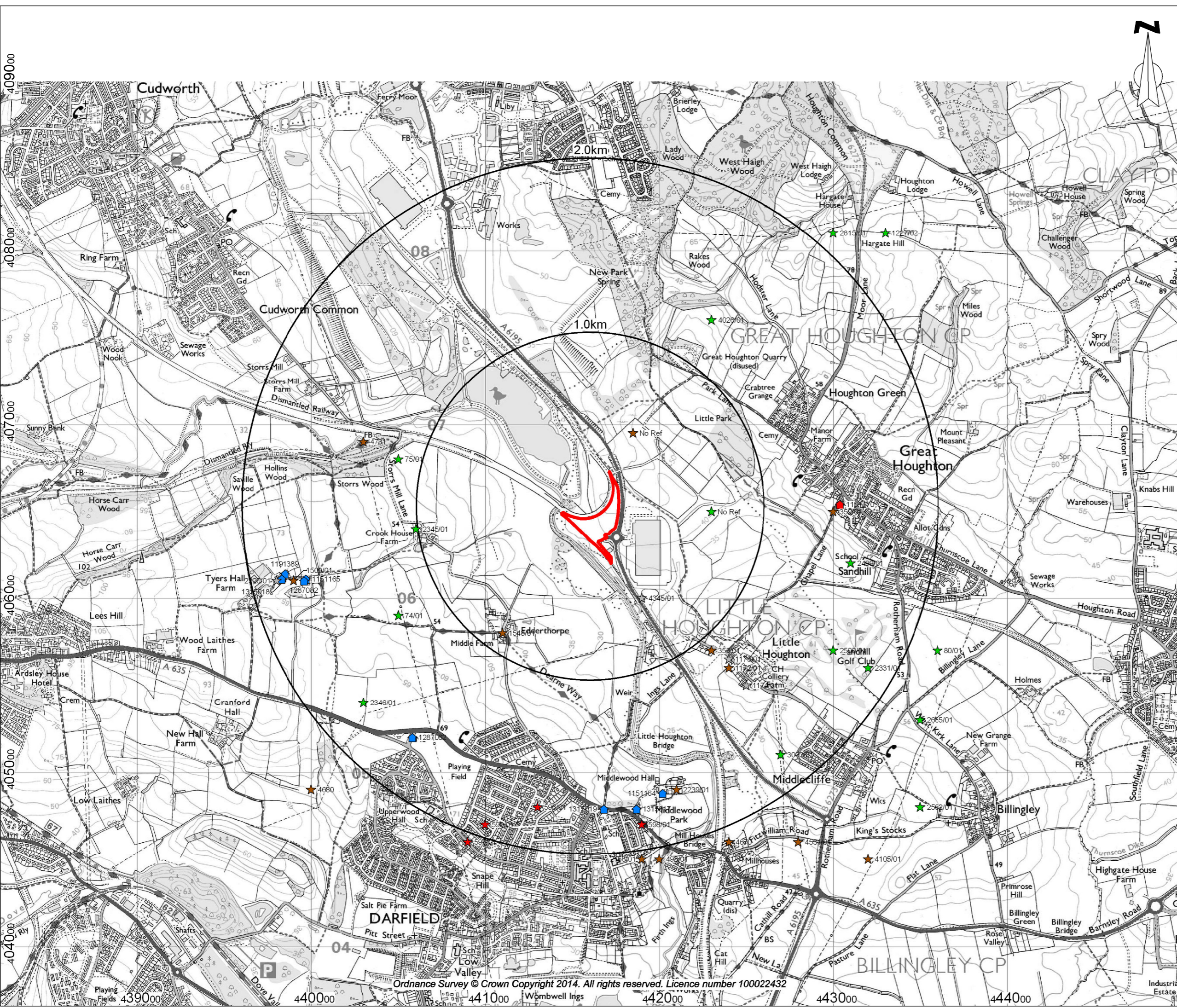
Heritage Gateway: Map based search at

http://www.heritagegateway.org.uk/gateway/advanced_search.aspx








National Planning Policy Framework: Department for Communities and Local Government (2012)

South Yorkshire Historic Environment Characterisation: Interactive map at <http://sytimescapes.org.uk/>

Figure 1: Designated heritage assets within 2 km of the Proposed Development



Key

-  Site Boundary
-  Grade II* Listed Buildings
-  Grade II Listed Buildings
-  Prehistoric or Romano-british Sites
-  Roman Sites
-  Medieval Sites
-  Post-medieval Sites

The following designations have been searched for and were not present within the 2km study area on this map:

- Conservation Areas
- Registered Parks and Gardens
- Scheduled Monuments
- Post-roman Sites



STEP Business Centre, Wortley Rd, Sheffield, S36 2UH

CLIENT:
Peel Environmental Management (UK)
Limited and Houghton Main Waste Limited

SCALE: 1:20,000@A3
PROJECT REF: CRM.066.001.D.015

DRAWN: MG
CHECKED: LK
DATE: Apr 2014

PROJECT:
Houghton Main

TITLE:
Archeology and Cultural Heritage

FIGURE NO:
1

APPENDIX 1 – LIST OF CULTURAL HERITAGE ASSETS WITHIN STUDY AREA (2KM RADIUS OF PROPOSED DEVELOPMENT)

Taken from South Yorkshire Environment Record and English Heritage List of Heritage Assets, the Ordnance Survey NGR is followed by the list number or HER number

CONSERVATION AREAS

None

REGISTERED PARKS AND GARDENS

None

LISTED BUILDINGS (red building symbol)

Grade II*

SE 4304 0653, 1151170, Church of St Michael and All Saints and stone wall to west side

Grade II (blue building symbol)

SE 4202 0488, 1151164, Middlewood Hall, Doncaster Road

SE 3997 0611, 1151165, barn at Tyers Hill Farm

SE 4058 0520, 1287062, milepost

SE 3996 0610, 1287082, Tyers Hill Farmhouse, Doncaster Road

SE 4187 0479, 1315017, Middlewood Lodge, Doncaster Road

SE 3983 0611, 1315018, Barn at Tyers Hall Farm

SE 4168 0479, 1315019, milepost

SE 3985 0614, 1191389, Tyers Hall, Doncaster Road

SCHEDULED MONUMENTS

None

PREHISTORIC OR ROMANO-BRITISH SITES (green star)

SE 430 081, 2815/01, possible enclosures

SE 435 053, 2685/01, cropmark, Billingley

SE 430 081, 2815/01, circular enclosure cropmark

SE 427 051, 3033/01, enclosure and field boundaries

SE 423 065, enclosure and lane cropmark

SE 423 076, 4026/01, enclosure and field boundaries

SE 432 056, 2331/01, enclosure and field system

SE 406 064, 2345/01, field system and enclosure

SE 403 054, 2346/01, field system and enclosure

SE 431 062, 2499/01, cropmark

SE 430 057, 2500/01, linear cropmarks

SE 435 048, 2502/01, cropmark

SE 405 059, 74/01, field boundaries or sub-rectangular enclosures

SE 405 068, 75/01, field Boundaries

SE 436 057, 80/01, field system

SE 433 081, 1227/02, cropmark

ROMAN SITES (red star)

SE 413 048, 596/01, coin hoard of 3rd century date

SE 409 046, 597/01, coin hoard, late 3rd century

SE 419 047, 598/01, ?Roman enclosure

SE 410 047, 599/01, silver coin hoard

POST-ROMAN SITES (blue star)

None

MEDIEVAL SITES (brown star)

SE 424 046, 4670, Darfield Mills

SE 400 049, 4680, boundary fence posts

SE 403 069, 4731, packhorse bridge

SE 424 056, 1172/01, Colliery Farm Barn

SE 399 061, 1509/01, barn

SE 430 065, 352/01, The Hall, Great Houghton

SE 423 057, 353/01, cross (base only)

SE 432 045, 4105/01, linear feature

SE 411 058, 1548/01, farmhouse

SE 419 045, 2156/01, site of house, now the Bridge Inn

SE 421 049, 2239/01, window

SE 428 046, 4531/01, Fitzwilliam Road bell pits

SE 428 046, 4531/01, Fitzwilliam Road bell pits

SE 420 045, 498/01, Darfield Bridge chapel

SE 41850 06950, **, ridge and furrow and ? Iron Age ditch

POST-MEDIEVAL SITES (grey star)

SE 424 056, 1173/01, Beech House, Little Houghton

SE 425 055, 1174/01, farmhouse

SE 419 060, 4345/01, Houghton Main Colliery

SE 398 061, 2320/01, tunnel

SE 423 045, 4361/01, Holly House

APPENDIX 2 – LIST OF CULTURAL HERITAGE ASSETS WITHIN THE STUDY AREA (5 KM RADIUS OF THE PROPOSED DEVELOPMENT)

Listed Buildings Grade 1		
SE 37310 06529	1151178	Monk Bretton Priory remains
SE 45298 11068	1227519	Church of All Saints
SE 37262 06596	1315023	Gatehouse to Monk Bretton Priory
SE 37302 06590	1151179	Administration building at Monk Bretton Priory
Listed Buildings Grade II*		
SE 41036 09639	1151202	Grimethorpe Hall
SE 37230 04098	1286701	Swaithe House
Listed Buildings Grade II		
SE 45269 02529	1109942	Grange Farmhouse and attached farm buildings
SE 45292 02485	1109943	Animal shelter with hay loft and attached stables
SE 45273 02474	1109948	Barn and cartshed
SE 37485 04433	1151077	Cruck barn
SE 37191 06354	1151153	Priory Mill
SE 36944 04896	1151156	Ardsley Church of England cemetery chapel
SE 39506 05183	1151174	Barn and cowhouse at New Hall Farm
SE 40039 02978	1151176	Memorial plaque
SE 43780 04770	1151200	Poplar Farmhouse
SE 43878 04740	1151201	Manor House
SE 41697 04328	1151203	Thornhill House
SE 45371 07798	1151648	Hallbridge Farmhouse
SE 45484 07800	1151649	Manor Farmhouse

SE 41000 11000	1191141	Brierley Manor Farmhouse
SE 41010 11120	1191201	Brierley Hall
SE 41678 04327	1191225	Darfield Council Offices
SE 38465 05730	1191549	Number 726 and attached former barn
SE 45893 01753	1191564	Bolton Mill Bridge
SE 42863 09248	1191579	Burnt Wood Hall
SE 40046 02906	1191688	Church of St Mary
SE 46643 08622	1191785	Garden Cottage and attached coach house and stable block
SE 37464 04430	1192045	Stable block
SE 45298 11068	1227519	Church of All Saints
SE 44608 10831	1227520	Green Lane Farmhouse
SE 39900 01474	1151171	Barn and attached cowhouse
SE 44584 10907	1235140	Barn
SE 44557 10919	1235141	Cart shed and granary
SE 45624 09786	1235352	Barn
SE 45647 09786	1235461	Broad Lane Farm East Farmhouse
SE 43595 10266	1265328	Kirby Common Farmhouse
SE 45019 10593	1265329	Stockingate Farmhouse
SE 38649 04289	1275979	Former Mill building
SE 39414 05189	1286945	Barn at New Hall Farm
SE 36968 04890	1286983	Non-Conformist cemetery chapel

SE 36743 09900	1286987	Manor House
SE 39905 01505	1286996	Farmbuilding
SE 39964 01469	1287001	Cartshed
SE 45504 05227	1287037	Thurnscoe Hall
SE 45481 06046	1287066	Low Grange
SE 39503 05270	1293360	Cranford Hall
SE 41927 04285	1293398	Monument to victims of Lundhill Colliery explosion
SE 41339 09312	1293449	Bridge Farmhouse
SE 43903 04674	1293499	Billingley Hall
SE 41074 11040	1314994	Church of St Paul
SE 41882 04308	1315015	Church of All Saints
SE 41868 04288	1315016	Remains of cross
SE 45472 02461	1315020	Barn
SE 45497 05265	1315021	Stable block and dovecote
SE 45702 05420	1315022	Hall Farmhouse
SE 45515 07738	1393133	War Memorial
SE 3810 108870	1192180	Freestanding chimney
SE 40728 02508	1151094	Old Row and attached front garden walls
SE 41858 04306	1151162	Gravestone to Robert Millthorp
SE 41901 04275	1151163	Grave of Ebenezer Elliot
SE 41755 04289	1151167	2, Vicar Road - House and former shop

SE 45008 05616	1151168	Church of St Helen
SE 39321 03918	1151172	Bradberry Balk Bridge
SE 39604 03155	1151173	Northernmost Chapel
SE 44501 10842	1227521	Arden Farmhouse
SE 37206 02031	1286926	Wood Head Hall Farmhouse
SE 39592 03132	1286977	Southernmost chapel at Wombwell Cemetery
SE 37424 04451	1151076	Swaithe Hall Farmhouse
SE 39624 10598	1151129	Milepost
SE 39464 05247	1151166	Perimeter wall with gateway and attached outbuildings and chimney
SE 38547 05725	1287021	Cartshed
SE4635204559	1151169	Church of St John and St Mary Magdalene
SE3836109417	1255291	Guide Stoop at Oak Tree Avenue
Scheduled Monuments		
SE 37336 03191, SE 37408 02938	1004796	Romano-British settlement
SE 42162 09394	1012457	Hallsteads moated site
SE 41872 04285	1012929	Churchyard cross
SE 46341 02382	1019872	Heavy anti-aircraft gun site
SE 43504 10457	1018818	South Kirby Camp, prehistoric enclosed settlement
SE 37346 06525	1010057	Monk Bretton Priory Cluniac and Benedictine monastery



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BRISTOL OFFICE

The Granary
Woodend Lane
Cromhall
Bristol GL12 8AA
Tel: 01454 269237
Fax: 01454 269760

kevin.parr@enzygo.com

SHEFFIELD OFFICE

STEP Business Centre
Wortley Road
Deepcar
Sheffield S36 2UH
Tel: 0114 2903677
Fax: 0114 2903688

matt.travis@enzygo.com

MONMOUTH OFFICE, WALES

Singleton Court Business Park
Wonastow Road
Monmouth
Monmouthshire NP25 5JA
Tel: 01600 714611
Fax: 01600 716744

chris.formaggia@enzygo.com

Please visit our website for more information.

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