

A1 Birtley to Coal House

Scheme Number: TR010031

Addendum 1 to Volume 1 of the Environmental Statement

AFPP Regulations 5(2)(a)



Infrastructure Planning

Planning Act 2008

AFPP Regulations 5(2)(a)

The A1 Birtley to Coal House
Development Consent Order 20[xx]

Addendum 1 to Volume 1 of the Environmental Statement

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1 INTRODUCTION

1.1 Purpose of the Environmental Statement Addendum

- 1.1.1 An Environmental Statement (ES) (**Application Document Reference: TR010031/APP/6.1**) was submitted to the Planning Inspectorate in 14 August 2019 as part of a Development Consent Order (DCO) application for the A1 Birtley to Coal House Scheme (the Scheme). The ES (**Application Document Reference: TR010031/APP/6.1**) sets out the findings of the Environmental Impact Assessment (EIA) that was carried out for the Scheme.
- 1.1.2 The Application was accepted for Examination in September 2019.
- 1.1.3 New information has come to light on Local Wildlife Sites (LWSs) within the Scheme Footprint and a 2km buffer, since the submission of the ES (**Application Document Reference: TR010031/APP/6.1**). This ES Addendum has been produced to update the findings of the ES in relation to these changes. Two new LWSs (New LWSs) have been identified and the boundaries of two LWSs have been amended (Amended LWSs). The updated details of the New LWSs and Amended LWSs are described in Section 2: The Scheme, of this ES Addendum and the boundaries of the New LWSs and Amended LWSs are shown on **Figure 8.1: Statutory and Non-Statutory Sites (Application Document Reference: TR010031/APP/6.2)** and at **Appendix A**, of this ES Addendum. The assessment of significance of these changes are detailed in Section 3: Biodiversity, of this ES Addendum.
- 1.1.4 The purpose of this ES Addendum is to ensure that the environmental impacts of these changes have been appropriately assessed with any likely significant environmental effects identified and to satisfy the requirements of the Infrastructure Planning (EIA) Regulations 2017.
- 1.1.5 It should be noted that this ES Addendum is not a duplication of the ES (**Application Document Reference: TR010031/APP/6.1**) and should be read in conjunction with the ES. For further information regarding the structure of this ES Addendum, please see Section 1.3 below.

1.2 Overview of the Scheme

- 1.2.1 The A1 Birtley to Coal House Scheme is located between junction 67 (Coal House) and junction 65 (Birtley) of the A1 in Gateshead. It aims to increase capacity and reduce congestion along this section of the A1 trunk road. Most of the work would take place within the existing highway boundary. However, some permanent and temporary land-take would be required alongside the A1 at certain points to enable additional carriageway to be constructed and for the construction of an offline replacement for Allerdene Bridge. Section 2.5 of Chapter 2: The Scheme of the ES (**Application Document Reference: TR010031/APP/6.1**) describes the Scheme in full detail.

1.3 Scope of the ES Addendum

- 1.3.1 This ES Addendum only reports new assessment work where the updated information on the New LWSs and Amended LWSs is considered to have resulted in a change to the EIA reported in the ES (**Application Document Reference: TR010031/APP/6.1**).

Where the changes to the LWSs do not affect a discipline topic, no further assessment is required and the original conclusions in the ES are still valid.

1.3.2 In summary, the changes to the LWSs are as follows (refer to **Figure 2.2 Environmental Constraints Plan** and **Figure 8.1: Statutory and Non-Statutory Sites**) (**Application Document Reference: TR010031/APP/6.2**) and at **Appendix A**, of this ES Addendum.

- a. Addition of the new site River Team Extension LWS
- b. Addition of the new site Twenty Pound Close Wood LWS
- c. Amended boundary for Lamesley Meadows LWS
- d. Amended boundary for Dunkirk Pond (Fox’s Pond) LWS

1.3.3 A summary of the changes to the ES (**Application Document Reference: TR010031/APP/6.1**) is provided in **Table 1-1**. Figures from the ES have been superseded where a direct reference to them have been made in this ES Addendum.

Table 1-1 - Summary of the changes made in this ES Addendum

Document	Summary of changes included in this ES Addendum, where required
6.1 ES Chapters (Application Document Reference: TR010031/APP/6.1)	
Chapter 1: Introduction	Chapter 1 of this ES Addendum sets out the purpose of the document, outlines the approach taken, and this ES Addendum structure.
Chapter 2: The Scheme	Changes are as follows: Section 2.3 Scheme Location: updates to “Overview of the Surrounding Area” (paragraphs 2.3.3 to 2.3.12) only.
Chapter 3: Assessment of Alternatives	No change required, and this chapter of the ES remains valid.
Chapter 4: Environmental Assessment Methodology	No change required, and this chapter of the ES remains valid.
Chapter 5: Air Quality	No change required, and this chapter of the ES remains valid.
Chapter 6: Cultural Heritage	No change required, and this chapter of the ES remains valid.
Chapter 7: Landscape and Visual	No change required, and this chapter of the ES remains valid.

Document	Summary of changes included in this ES Addendum, where required
Chapter 8: Biodiversity	<p>Changes are as follows:</p> <ul style="list-style-type: none"> - Section 3.8 Potential Impacts - Section 3.12 Conclusions <p>No change to the overall significant of effects are reported.</p>
Chapter 9: Geology and Soils	No change required, and this chapter of the ES remains valid.
Chapter 10: Material Resources	No change required, and this chapter of the ES remains valid.
Chapter 11: Noise and Vibration	No change required, and this chapter of the ES remains valid.
Chapter 12: Population and Health	No change required, and this chapter of the ES remains valid.
Chapter 13: Road Drainage and the Water Environment	No change required, and this chapter of the ES remains valid.
Chapter 14: Climate	No change required, and this chapter of the ES remains valid.
Chapter 15: Cumulative and Combined Assessment	No change required, and this chapter of the ES remains valid.
Chapter 16: Summary	No change required, and this chapter of the ES remains valid.
6.2 ES Figures (Application Document Reference: TR010031/APP/6.2)	
Figure 2.2: Environmental Constraints Plan	<p>Changes are as follows:</p> <ul style="list-style-type: none"> - Addition of two LWSs - Amended boundaries of two LWSs
Figure 8.1: Statutory and Non-Statutory Sites	<p>Changes are as follows:</p> <ul style="list-style-type: none"> - Addition of two LWSs

Document	Summary of changes included in this ES Addendum, where required
	- Amended boundaries of two LWSs
6.3 ES Appendices (Application Document Reference: TR010031/APP/6.3)	
All ES Appendices	No change required.

2 The Scheme

2.1 Introduction

- 2.1.1 The contents of Chapter 2: The Scheme of the ES (**Application Document Reference: TR010031/APP/6.1**) remain unchanged and valid, with the exception of the additions and changes outlined in Section 2.2 below. The text below is derived from paragraphs 2.3.3 to 2.3.12 of the ES.

2.2 Overview of the Surrounding Area

- 2.2.1 The area within a 1km buffer from the Scheme Footprint, as shown on **Figure 2.2: Environmental Constraints Plan (Application Document Reference: TR010031/APP/6.2)** and at **Appendix A**, of this ES Addendum is characterised by a combination of land uses (residential, rural, industrial, recreational, open space and urban fringe). Much of the area falls within designated Green Belt land, namely the Tyne and Wear Green Belt. The A1 and East Coast Main Line (ECML) sever the area and form strong visual and audible elements of the landscape.
- 2.2.2 The area to the north of junction 67 (Coal House) is characterised by Team Valley Trading Estate. Twenty Pound Close Wood LWS is located to the north east of the Scheme. To the west and north-west of junction 67 (Coal House) lies Ravensworth Conservation Area, which includes several listed buildings, and Ravensworth Pond and Woods LWS. This area also includes Lady Park which is made up of a small number of residential properties.
- 2.2.3 To the east of junction 67 (Coal House) lies Allerdene Bridge which carries the A1 over the ECML. This is an engineering constraint to the Scheme due to the vertical and the horizontal clearance requirements for the ECML.
- 2.2.4 The central area between junction 67 (Coal House) and junction 66 (Eighton Lodge) is dominated by the A1. Areas to the north and south of the A1 are designated Green Belt. Longacre Wood LWS lies directly south of the A1. Lamesley Meadows, Lamesley Reedbeds, Hagg Wood/Mitcheson's Gill and Lamesley Reedbeds LWSs are also located to the south of the A1. Smithy Lane Overbridge crosses the A1 in this location, north of Longacre Wood LWS. Other land uses include Lamesley Conservation Area (and listed buildings) and large areas of agricultural land. Longacre Dene ancient woodland and Longacre Dene LWS lies close to junction 66 (Eighton Lodge) to the south.
- 2.2.5 The main watercourse in the Scheme location is the River Team. This runs underneath junction 67 (Coal House) and continues to flow in a northerly direction through Team Valley Trading Estate where it is heavily modified and onward to the River Tyne at Dunston. The River Team floodplain occupies areas from the outskirts of Birtley in the south, through Lamesley and around the Coal House roundabout, and continues through Team Valley. The River Team Extension LWS stretches from immediately south of Coal House roundabout to Urpeth Morge further south (outside the 2km buffer). The River Team wildlife corridor, largely to the south of, but also crossing, the A1, is made up of Lamesley Pastures LWS, Tyne Marshalling Yard, Lamesley reed beds mine water treatment area, Bowes Railway Scheduled Monument (SM), LWS and bridleway and Longacre Wood LWS.
- 2.2.6 To the north of the central section between junction 67 (Coal House) and 66 (Eighton Lodge) lie the residential areas of Chowdene, Allerdene, Harlow Green and Eighton.

Two schools (Harlow Green Primary School and St Anne's Catholic Primary School) lie to the north east of the A1 at this location. To the east lie the Angel of the North, Ravensworth golf course, Angel View Inn public house, Eighton Lodge Care Home and residential properties. Team Colliery LWS is located to the north of junction 66 (Eighton Lodge).

- 2.2.7 Bowes Railway SM is one of the earliest and Area-preserved examples of a rope haulage system. Bowes Railway LWS, crosses the 1km buffer from the north-east to the south-west just south of junction 66 (Eighton Lodge). This route is also a bridleway, known as Longbank Bridleway, for most of its length.
- 2.2.8 The area to the south of junction 66 (Eighton Lodge) is dominated by residential properties in Birtley. Residential properties immediately adjacent to the A1 in this location include North Dene, Crathie, Lockwood Avenue and Birtley Northside. The existing North Dene Footbridge crosses over the A1, adjacent to Crathie. Birtley Conservation Area lies on the edge of the 1km buffer to the south-west.
- 2.2.9 The area to the east and south-east of junction 66 (Eighton Lodge) is designated Green Belt and is dominated by agricultural and recreational land uses. Several footpaths and bridleways cross this area. The Follingsby wildlife corridor, consisting of Sheddons Hill, Dunkirk Pond, Dunkirk Farm west and Bowes Railway, lies largely to the north-east of the A1.
- 2.2.10 The area to the south-west of junction 65 (Birtley) is dominated by Portobello industrial estate and residential land uses. There are also four primary schools to the south west of the A1 at this location (Birtley East Community Primary School, St Joseph's Catholic Infant School, St Joseph's RC Junior School and Ravensworth Terrace Primary School). The area to the south-east of junction 65 (Birtley) comprises industrial land uses, residential areas of Ayton, Blackfell and Oxclose. To the north east of Junction 65 (Birtley) lies Dunkirk Farm West, Dunkirk Pond (Fox's Pond) and Sheddons Hill LWSs, and to the south west of Junction 65 (Birtley) lies Birtley Northside LWS.

3 BIODIVERSITY

3.1 Introduction

3.1.1 This ES Addendum reports the outcome of the biodiversity assessment of the Scheme in relation to the New LWSs and the Amended LWSs. Liaison with Gateshead Council confirmed that the new sites and site boundaries were ratified during 2018. However, data regarding the New LWSs and Amended LWSs was not issued by Environmental Records Information Centre (ERIC) North East until November 2019. These sites are:

a. New Sites:

- i. Twenty Pound Close Wood LWS
- ii. River Team Extension LWS

b. Amended Boundaries:

- i. Lamesley Meadows LWS (closer to the Scheme)
- ii. Dunkirk Pond LWS (further away from the Scheme)

3.1.2 The New LWSs and the Amended LWSs are detailed on **Figure 8.1: Statutory and Non-Statutory Sites (Application Document Reference: TR010031/APP/6.2)** and at **Appendix A**, of this ES Addendum.

3.1.3 This ES Addendum is intended to be read as part of the wider ES (**Application Document Reference: TR010031/APP/6.1**) and in conjunction with the Chapter 8: Biodiversity of the ES (**Application Document Reference: TR010031/APP/6.1**) and its associated figures and appendices.

3.2 Expert Advice

3.2.1 The competent expert advice for biodiversity has not changed as a result of the updated LWS information. The text within Chapter 8: Biodiversity, Section 8.2 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid. **Table 3-1** below details the professional that reviewed this document, contributing to this ES Addendum. Detailing sufficient expertise to ensure the completeness and quality of this ES Addendum.

Table 3-1 – Relevant experience

Name	Role	Qualifications and Professional Membership	Experience
Andy Bascombe	Reviewer	<ul style="list-style-type: none"> – BSc (Hons) – MSc – PhD – Member of the Chartered Institute of 	28 years' experience in ecological consultancy. Andy is an experienced project manager who manages Environmental Statements and EIAs and has wide experience of the delivery of numerous road projects

Name	Role	Qualifications and Professional Membership	Experience
		Ecology & Environmental Management (MCIEEM) – Member of Chartered Institute Water and Environmental Management – Chartered Scientist – Chartered Environmentalist	including the M1, M4, M6, M9, M18, M25, M27, M42, A249, A27, A5 Northern Ireland and other major infrastructure schemes.

3.3 Legislative and Policy Framework

3.3.1 The applicable legislative framework for biodiversity has not changed as a result of the New LWSs and the Amended LWSs information. The text within Chapter 8: Biodiversity, Section 8.3 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid.

3.4 Assessment Methodology

3.4.1 The assessment methodology for biodiversity has not changed as a result of the New LWSs and Amended LWSs information. The text within Chapter 8: Biodiversity, Section 8.4 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid.

3.5 Assessment Assumptions and Limitations

3.5.1 The assessment assumptions and limitations for biodiversity have not changed as a result of the New LWSs and Amended LWSs information. The text within Chapter 8: Biodiversity, Section 8.5 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid.

3.6 Study Area

3.6.1 The Study Area for biodiversity has not changed as a result of the New LWSs and Amended LWSs information. The text within Chapter 8: Biodiversity, Section 8.6 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid.

3.7 Baseline Conditions

3.7.1 Baseline conditions described within Chapter 8: Biodiversity, Section 8.7 of the ES (**Application Document Reference: TR010031/APP/6.1**) remain unchanged and valid. Changes associated with the New LWSs and Amended LWSs information are summarised within **Table 3-2** below.

3.7.2 Local wildlife sites are of **County** importance, as they form a network of sites within

Tyne and Wear that represent sites for animals and plants.

Table 3-2 – Summary of New LWSs and Amended LWSs identified in November 2019

Site Name	Distance from Study Area	Designation Criteria
River Team Extension LWS	Within Scheme Footprint	Multiple sections of a five kilometre stretch of the River Team between south of Coal House roundabout and Urpeth Morge. The LWS includes the river and adjacent areas of woodland and grassland. Otter <i>Lutra lutra</i> have also occasionally been recorded in the River Team.
Lamesley Meadows LWS	270m south	A site containing permanent pasture, riverbank, ponds and reed beds. The site supports breeding waders including lapwing <i>Vanellus vanellus</i> , redshank <i>Tringa tetanus</i> and snipe <i>Gallinago gallinago</i> . Otter have also occasionally been recorded in the River Team. Other species recorded include dunnock <i>Prunella modularis</i> , song thrush <i>Turdus philomelos</i> and hedgehog <i>Erinaceus europaeus</i> .
Dunkirk Pond LWS	500m south	Described as an important component of the “Windy Nook” Wildlife Corridor, which connects the River Team to the River Tyne at Bill Quay, via a number of green spaces including this site. The pond supports breeding common toad <i>Bufo bufo</i> . Other species recorded include dunnock, song thrush and hedgehog.
Twenty Pound Close Wood LWS	550m east	An area of ancient semi-natural woodland, measuring approximately 2.62 hectares, located adjacent to the River Team within the built-up highly urbanised area within the Team Valley Trading Estate.

3.8 Potential Impacts

- 3.8.1 The amended boundary extension for Dunkirk Pond LWS extends away from the Scheme Footprint and does not alter the distance between the LWS and the Scheme. The designation criteria has not altered within the update. It is therefore considered that the conclusions within the ES (**Application Document Reference: TR010031/APP/6.1**) for Dunkirk Pond LWS remain unchanged.
- 3.8.2 The amended boundary for the Lamesley Meadows LWS falls approximately 200m closer to the Scheme Footprint. ~~However, as there~~ There would be no direct loss of habitats and construction impacts are sufficiently mitigated within the ES (**Application Document Reference: TR010031/APP/6.1**). The designation criteria has not altered within the update. Therefore, the conclusions within the ES (**Application Document Reference: TR010031/APP/6.1**) for Lamesley Meadows LWS remain unchanged.
- 3.8.3 **Table 3-3** below summarises the potential construction and operational impacts on the ~~River Team Extension~~ New LWSs, which are to be taken forward in the assessment.

Table 3-3 – Potential construction and operational impacts on the River Team Extension LWS and Twenty Pound Close Wood New LWSs

Phase	Description of impact
Construction	<ul style="list-style-type: none"> – Alteration (degradation or improvement) through hydrological changes or changes in management practices during the construction phase. – Accidental killing or injury of otter during works to the River Team and at Coal House roundabout, regarding the River Team Extension LWS.
Operational	<ul style="list-style-type: none"> – Degradation resulting from airborne pollution during the operational phases to the River Team Extension LWS. – Alteration (degradation or improvement) through hydrological changes or changes in management practices during the operational phase.

3.9 Design, Mitigation and Enhancement Measures

- 3.9.1 Given the design and mitigation measures already in place for the River Team and associated ecological features, no additional measures are required in relation to the River Team Extension LWS and Twenty Pound Close Wood LWS.
- 3.9.2 All other measures detailed within Chapter 8: Biodiversity, Section 8.9 of the ES (**Application Document Reference: TR010031/APP/6.1**) remain unchanged and valid.

3.10 Assessment of Likely Significant Effects

- 3.10.1 This ES Addendum assessment of residual effects during construction and operation for the River Team Extension LWS and Twenty Pound Close Wood LWS is provided below. This assessment assumes the adoption of the mitigation measures described within Chapter 8: Biodiversity, Section 8.9 of the ES (**Application Document Reference: TR010031/APP/6.1**).
- 3.10.2 The assessment of likely significant effects detailed within Chapter 8: Biodiversity, Section 8.10 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid for the remainder of the ecological receptors, as these are not impacted by the New LWSs and Amended LWS information.

Construction

River Team Extension LWS and Twenty Pound Close Wood LWS

- 3.10.3 The Scheme would result in an indirect effect due to the temporary extension of the existing underground culvert adjacent to the River Team Extension LWS at junction 67 Coal House Roundabout during the construction period (Winter 2020/21 to Winter 2023/24). Additionally, indirect effects would arise during construction from dust deposition, spillage of hazardous substances, surface water run off and increased levels of disturbance via noise and vibration. Indirect effects from spillage of hazardous substances and surface water run off may also occur at Twenty Pound Close LWS. Species that use the River Team may be temporarily disturbed by the works. Following the implementation of mitigation, the impact of direct and indirect effects during construction would be of **neutral** significance (not significant). This

would be equally applicable to Allerdene embankment option and Allerdene viaduct option.

Operation

River Team Extension LWS and Twenty Pound Close Wood LWS

- 3.10.4 Chapter 5: Air Quality of the ES (**Application Document Reference: TR010031/APP/6.1**) concludes that no modelled receptors have annual mean concentrations of NO_x above 30µg/m³ and that no changes in NO_x concentrations are greater than 0.4µg/m³, which are below air quality significance thresholds.
- 3.10.5 The inclusion of oil interceptors, silt control, creation of attenuation ponds and reduction of rate of surface water runoff, detailed within Chapter 13 Road Drainage and the Water Environment of the ES (**Application Document Reference: TR010031/APP/6.1**) have been designed to mitigate hydrological impacts. However, these designs would have additional benefits, including a reduction of impacts on the retained habitats across and adjacent to the Scheme.
- 3.10.6 Following the successful implementation of the mitigation requirements detailed within this and each of the Chapter 5: Air Quality and Chapter 13: Road Drainage and the Water Environment of the ES (**Application Document Reference: TR010031/APP/6.1**), it is considered that the impacts associated with the Scheme would result in effects of **neutral** significance (not significant). This would be equally applicable to Allerdene embankment option and Allerdene viaduct option.

3.11 Monitoring

- 3.11.1 The monitoring requirements for biodiversity have not changed as a result of the New LWSs and Amended LWSs information. The text within Chapter 8: Biodiversity, Section 8.11 of the ES (**Application Document Reference: TR010031/APP/6.1**) remains unchanged and valid.

4 SUMMARY

4.1 Introduction

- 4.1.1 New information has come to light on LWSs within the Scheme Footprint and a 2km buffer, since the submission of the ES (**Application Document Reference: TR010031/APP/6.1**). The ES Addendum has been produced to update the findings of the ES in relation to these changes.
- 4.1.2 Two new LWSs have been identified – the River Team Extension LWS and Twenty Pound Close Wood LWS, and two LWSs have amended boundaries – Lamesley Meadows LWS and Dunkirk Pond LWS. These changes are detailed on **Figure 2.2: Environmental Constraints Plan** and **Figure 8.1: Statutory and Non-Statutory Sites (Application Document Reference: TR010031/APP/6.2)** and at **Appendix A**, of this ES Addendum.

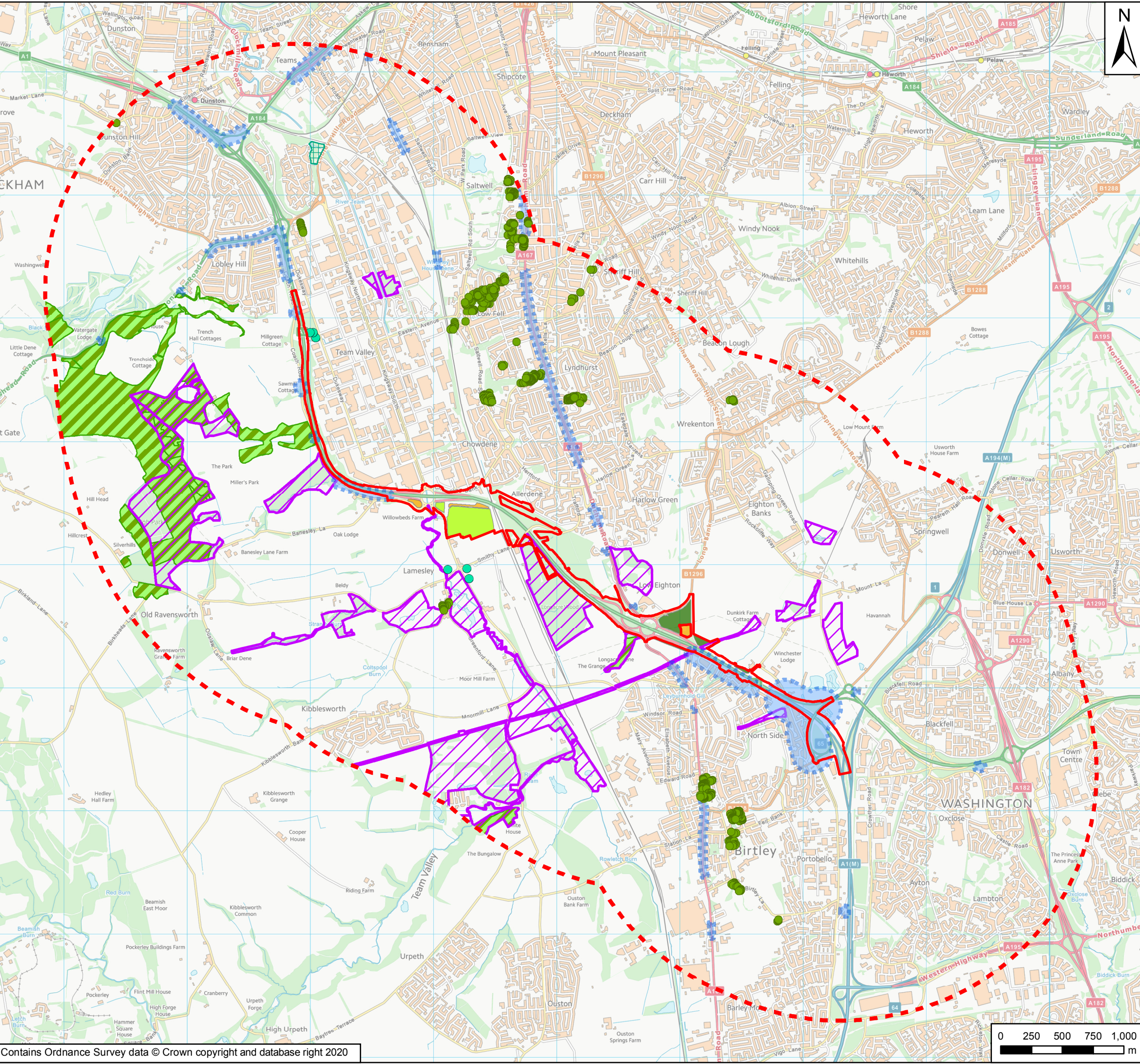
4.2 Summary of Likely Significant Effects

- 4.2.1 Potential construction and operational impacts were identified for the River Team Extension LWS and Twenty Pound Close Wood LWS and these were assessed. These impacts are the same as those identified in the ES (**Application Document Reference: TR010031/APP/6.1**).
- 4.2.2 Given the design and mitigation measures detailed within Chapter 8: Biodiversity, Section 8.9 of the ES (**Application Document Reference: TR010031/APP/6.1**) are adequate to mitigate effects during construction and operation on the River Team Extension LWS and Twenty Pound Close Wood LWS, no further mitigation measures have been deemed necessary.
- 4.2.3 The environmental effects would be of **neutral** significance (not significant) to the River Team Extension LWS and Twenty Pound Close Wood LWS during both construction and operation.
- 4.2.4 The significance of the Biodiversity effects therefore remains unchanged.

5 GLOSSARY

Acronym	Definition
CIEEM	Chartered Institute of Ecology and Environmental Management
DCO	Development Consent Order
DMRB	Design Manual for Roads and Bridges
ECML	East Coast Main Line
EIA	Environmental Impact Assessment
ERIC	Environmental Records Information Centre
ES	Environmental Statement
IAN	Interim Advice Note
LWS	Local Wildlife Site
SM	Scheduled Monument

Appendix A



Key

- Scheme Footprint
- 2km Study Area
- Veteran Trees
- Tree Preservation Orders
- Noise Important Areas (NIA)
- Local Nature Reserve
- Local Wildlife Sites
- Ancient Woodland Inventory

Agricultural Land Classification

- Grade 3a
- Grade 3b
- Other Land Predominantly in Non-Agricultural Use

P05	Jan 2020	Local Wildlife Sites Updated	GH	JR	KS
P04	Apr 2019	Fourth Issue	GH	JR	KS
P03	Apr 2019	Third Issue	GH	JR	KS
P02	Mar 2019	Second Issue	GH	JR	KS
P01	Dec 2018	First Issue	GH	JR	NJA
Rev	Date	Description	By	Chk'd	App'd
Suitability					Status

PINS Reference Number **TR010031**

Client

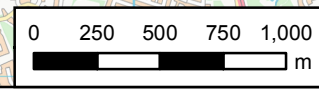
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Drawing Title **Figure 2.2 Environmental Constraints Plan Page 1 of 4 Ecological and Environmental Constraints**

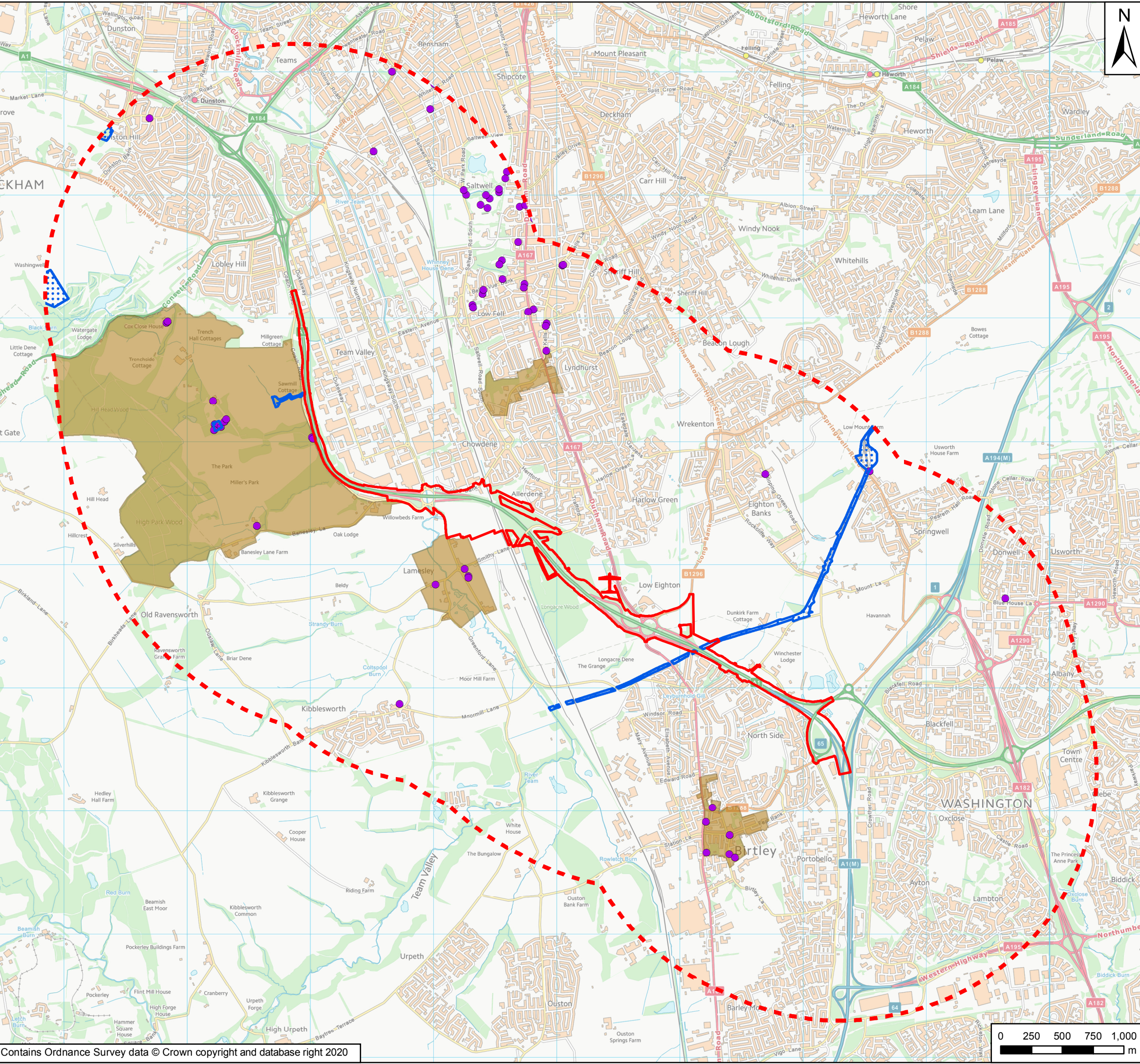
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Original Size	A3	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018

Drawing Number	HE551462	Originator	WSP	Volume	6.2	Revision	P05
HE PIN						PW Stage Code	

B2CH	Section	Type	ID	Direction	Type	Role	Number
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User Name: ulgh001 Date Saved: 15/04/2019 17:10:11
 Document Path: \\uk.wspgroup.com\central\data\Projects\700419\A1BCH\PCF Stage 3 and 4\03 Shared\EI EIA and flood risk\01 Model\GIS\MXD\Environmental Statements\Addendum\Figure 2.2 - Environmental Constraints Plan Page 2 of 4.mxd



Key

- Scheme Footprint
- 2km Study Area
- + Angel of the North
- Listed Building
- Scheduled Monument
- Conservation Areas

P03	Apr 2019	Third Issue	GH	JR	KS
P02	Mar 2019	Second Issue	GH	JR	KS
P01	Dec 2018	First Issue	GH	JR	NJA
Rev	Date	Description	By	Chk'd	App'd

Suitability: **Suitable for Information** Status: **S2**

PINS Reference Number: **TR010031**

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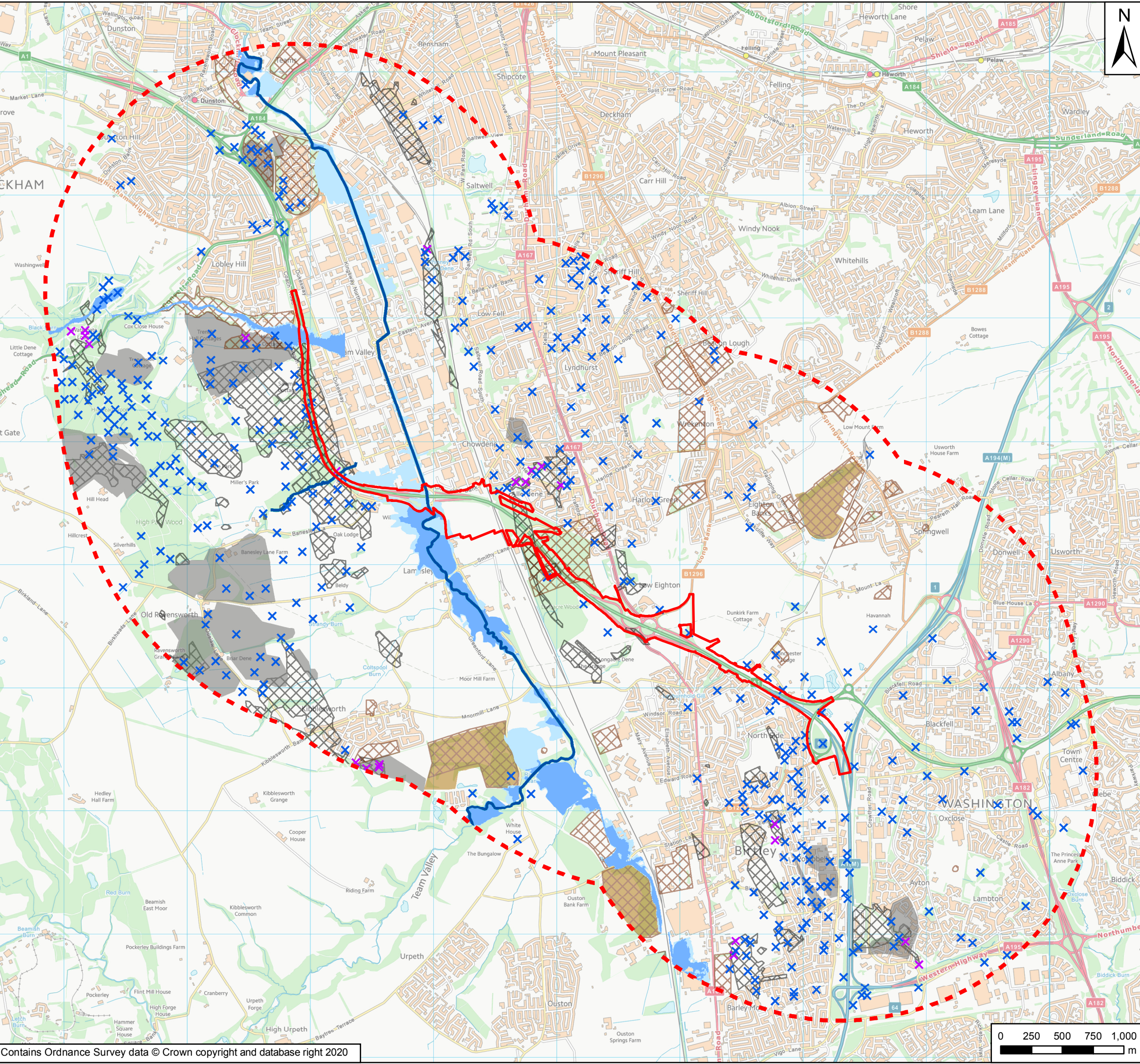
Project Title: **A1 Birtley to Coal House Scheme**

Drawing Title: **Figure 2.2 Environmental Constraints Plan Page 2 of 4 Cultural Heritage Constraints**

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Drawing Number	HE551462	Originator	WSP	Volume	6.2	Revision	P03
HE PIN						PW Stage Code	

Section	Type	ID	Direction	Type	Role	Number
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Key

- Scheme Footprint
- 2km Study Area
- X Adit
- X Shaft
- Statutory Main Rivers
- Flood Zone 2
- Flood Zone 3
- Historic Landfill
- Authorised Landfill
- Past Shallow Coal Mining Workings
- Surface Mining (Past and Present)

P03	Apr 2019	Third Issue	GH	JR	KS
P02	Mar 2019	Second Issue	GH	JR	KS
P01	Dec 2018	First Issue	GH	JR	NJA
Rev	Date	Description	By	Chk'd	App'd
Suitability					Status

PINS Reference Number **TR010031**

Client

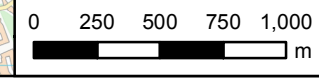
Project Title **A1 Birtley to Coal House Scheme**

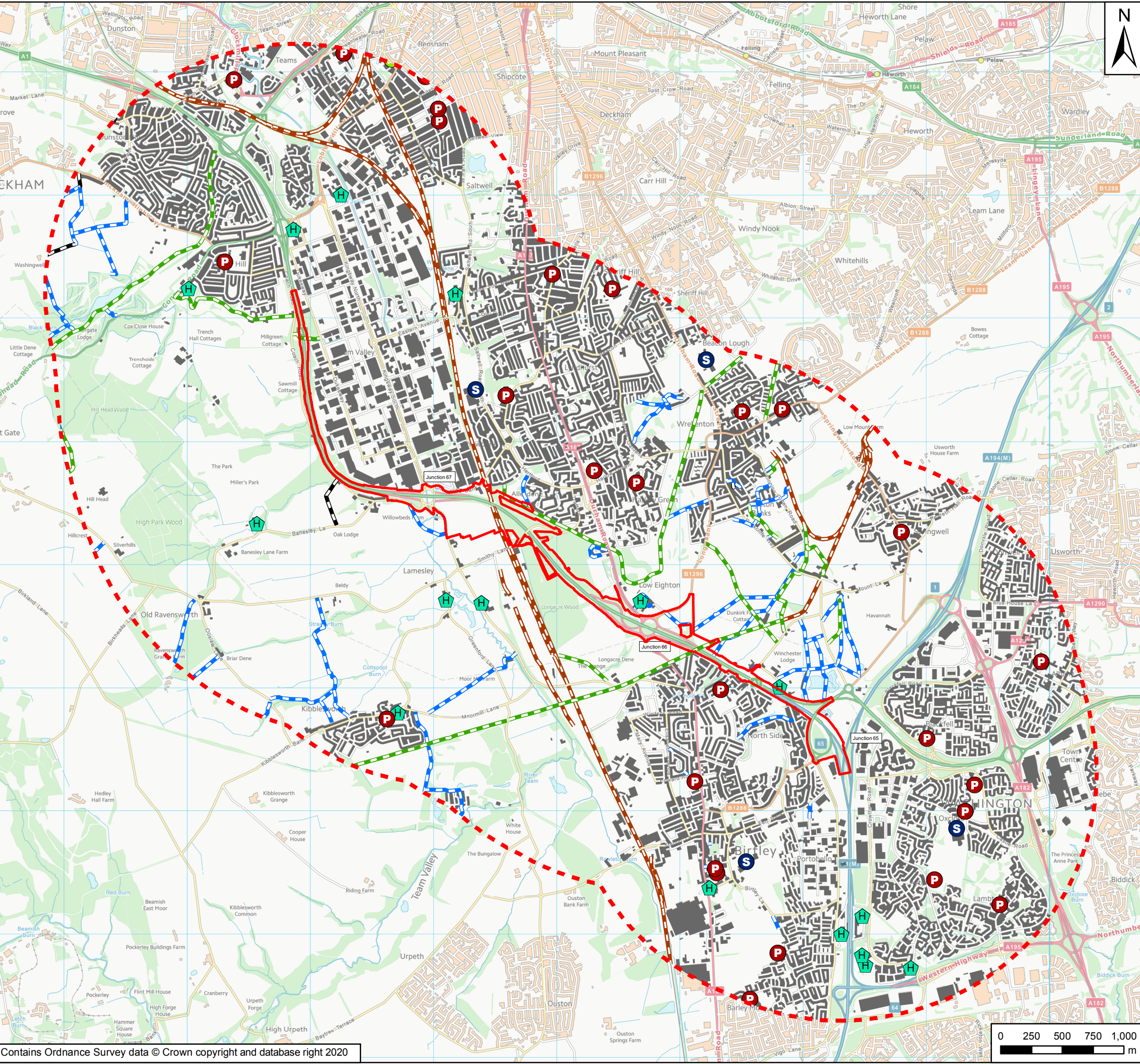
Drawing Title **Figure 2.2 Environmental Constraints Plan Page 3 of 4
Water Environment and Geological Constraints**

Scale	1:30,000	Drawn	GH	Checked	JR	Approved	KS	Authorised	NJJA
Original Size	A3	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018

Drawing Number	HE551462	Originator	WSP	Volume	6.2
Revision	P03				
PW Stage Code					

Section	Type	ID	Direction	Type	Role	Number
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Key

- Scheme Footprint
- 2km Study Area
- N Nursery
- P Primary School
- S Secondary School
- H Hotels
- Bridleway
- Footpath
- Restricted Byway
- Railway Line
- Residential and Industrial Properties

P03	Apr 2019	Third Issue	GH	JR	KS
P02	Mar 2019	Second Issue	GH	JR	KS
P01	Dec 2018	First Issue	GH	JR	NJA
Rev	Date	Description	By	Chk'd	App'd
Suitability					Status

PINS Reference Number: **TR010031**

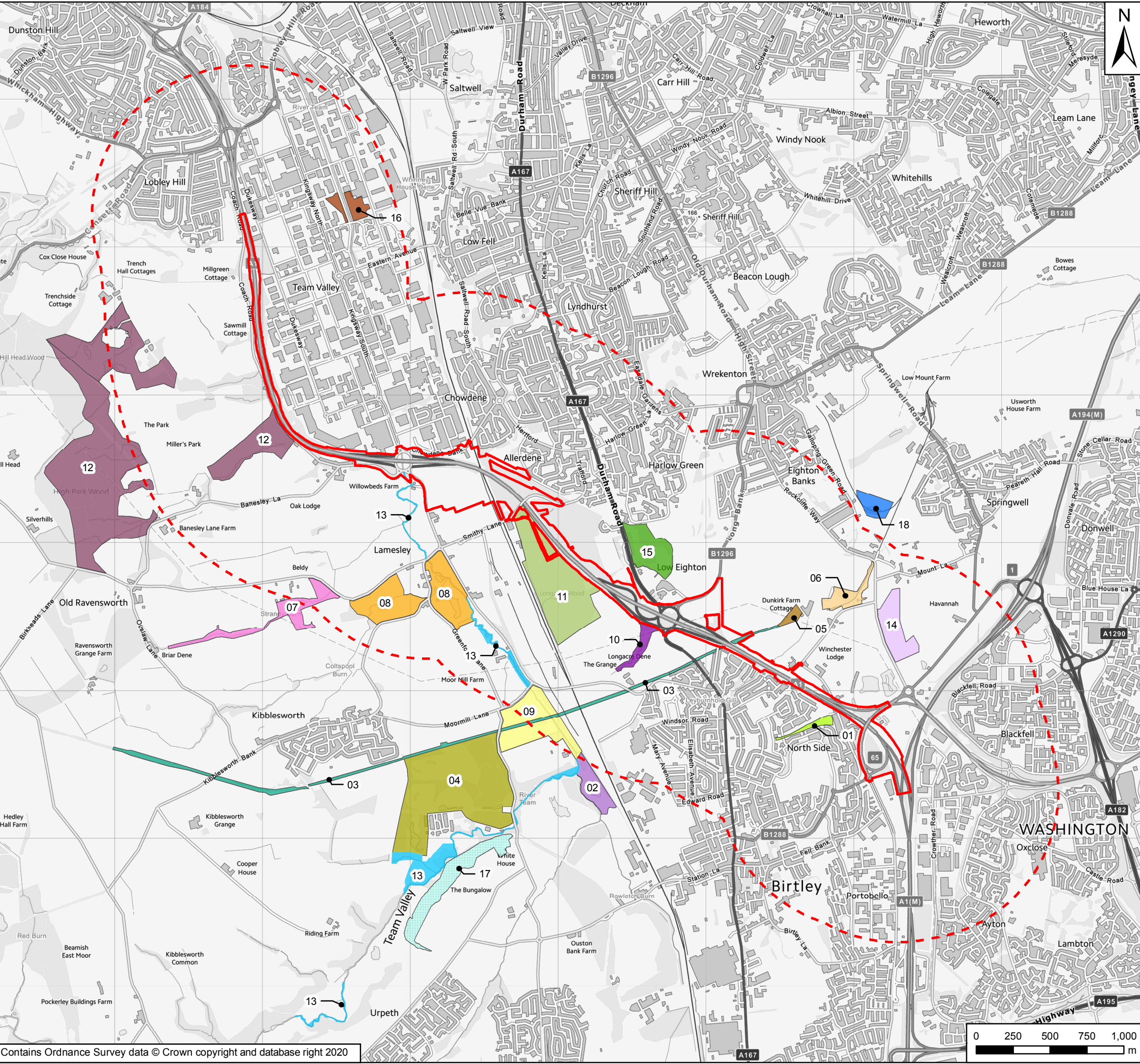
Client

Project Title: **A1 Birtley to Coal House Scheme**

Drawing Title: **Figure 2.2 Environmental Constraints Plan Page 4 of 4
Community and Recreational Constraints**

Scale	1:30,000	Drawn	GH	Checked	JR	Approved	KS	Authorised	NJJA
Original Size	A3	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018
Drawing Number	HE551462	Originator	WSP	Volume	6.2			Revision	P03
PW Stage Code									

User Name: ulghoh001 Date Saved: 14/01/2020 10:40:13
 Document Path: \\uk.wsgroup.com\central\data\Projects\700419\A70041947 - A1BCH PCF Stage 3 and 4\03 Shared\EI EIA and flood risk\01 Model\GIS\MXD\Environmental Statements\Addendum\Figure 8.1 - Statutory and Non-Statutory Sites P06.mxd



Key

- Scheme Footprint
- 1km Study Area

Gateshead Local Wildlife Sites

- 01 Birtley Northside
- 02 Birtley Union Brickworks
- 03 Bowes Railway
- 04 Bowes Valley Nature Reserve
- 05 Dunkirk Farm West
- 06 Dunkirk Pond (Fox's Pond)
- 07 Hagg Wood/Mitcheson's Gill
- 08 Lamesley Meadows
- 09 Lamesley Reedbeds
- 10 Longacre Dene
- 11 Longacre Wood
- 12 Ravensworth Pond & Woods
- 13 River Team Extension
- 14 Sheddon's Hill
- 15 Team Colliery
- 16 Twenty Pound Close Wood

Durham Local Wildlife Sites

- 17 River Team Woodland

Sunderland Local Wildlife Sites

- 18 Springwell Ponds

P06	Jan 2020	Sixth Issue	GH	SP	KS
P05	Nov 2019	Fifth Issue	GH	SP	KS
P04	Sept 2019	Fourth Issue	GH	SP	KS
P03	Apr 2019	Third Issue	GH	SP	KS
P02	Mar 2019	Second Issue	GH	SP	KS
P01	Dec 2018	First Issue	GH	SP	NJA
Rev	Date	Description	By	Chk'd	App'd
Suitability					Status

PINS Reference Number: TR010031

Client:

Project Title: A1 Birtley to Coal House Scheme

Drawing Title: Figure 8.1 Statutory and Non-Statutory Designated Sites Regulation 5(2)(I)

Scale	1:25,000	Drawn	GH	Checked	SP	Approved	KS	Authorised	NJA
Original Size	A3	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018	Date	Dec 2018
Drawing Number	HE551462	Originator	WSP	Volume	6.2	Revision		P06	
HE PN		PW Stage Code							

