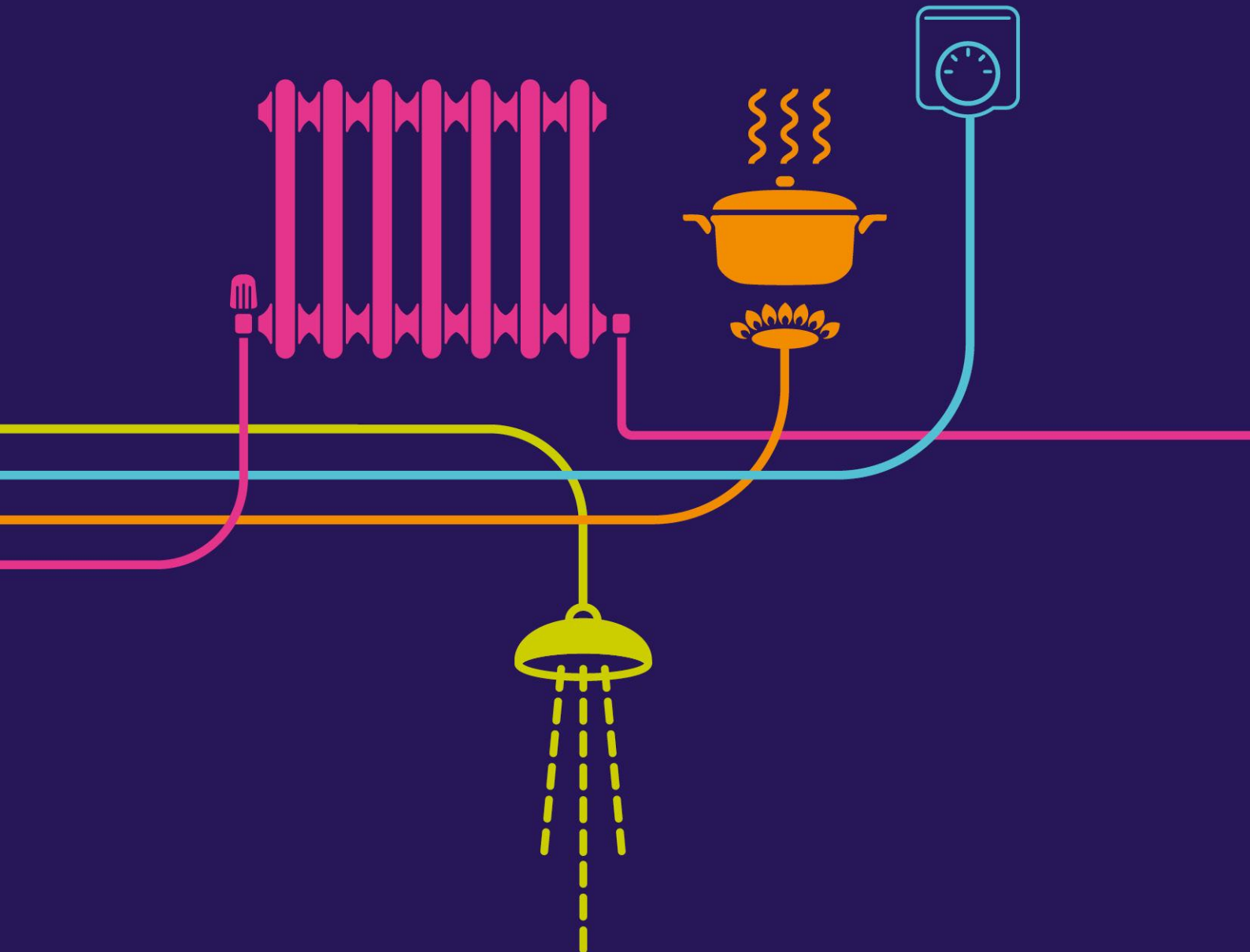


Signed Statement of Common Ground with East Riding of Yorkshire Council

River Humber Gas Pipeline Replacement Project





national**grid**

National Grid Gas

River Humber Gas Pipeline Replacement Project

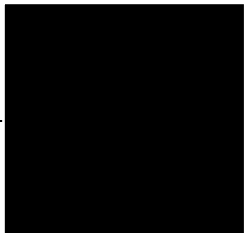
Statement of Common Ground - East Riding of
Yorkshire Council



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Revision Status

Approvals				
	Role	Printed Name	Signed Name	Date
Originated by	Senior Environmental Consultant (Hyder Consulting)	Kate Burrows		14/05/2015
Checked by	Technical Director (Hyder Consulting)	Nicky Hartley		14/05/2015
Approved by				

Revision History				
Date	Rev No.	Summary of Changes	Ref Section	Purpose of Issue
14.05.2015	0	First Issue for Comment to East Riding of Yorkshire Council		First issue
03.09.2015	1	Second issue for comment taking into account comments from HAP		Revised issue
08.10.2015	2	Clean updated version prepared for Deadline 2		Revised issue

Distribution	
To:	Matthew Sunman (Principal Development Management Officer - Minerals and Waste)
cc:	Andy Wainwright

1 Introduction

1.1 Purpose of the Document

1.1.1 This document is a Statement of Common Ground (SoCG) between National Grid Gas (the Applicant) and East Riding of Yorkshire Council (ERYC) for a Development Consent Order (DCO) for the River Humber Gas Pipeline Replacement Project (the Scheme).

1.1.2 This SoCG sets out the main areas of agreement and disagreement regarding the application documents between National Grid Gas and ERYC.

1.2 Matters Addressed within this Document

1.2.1 Discussions and responses to consultation, to date cover the following topics which form the basis of this SoCG:

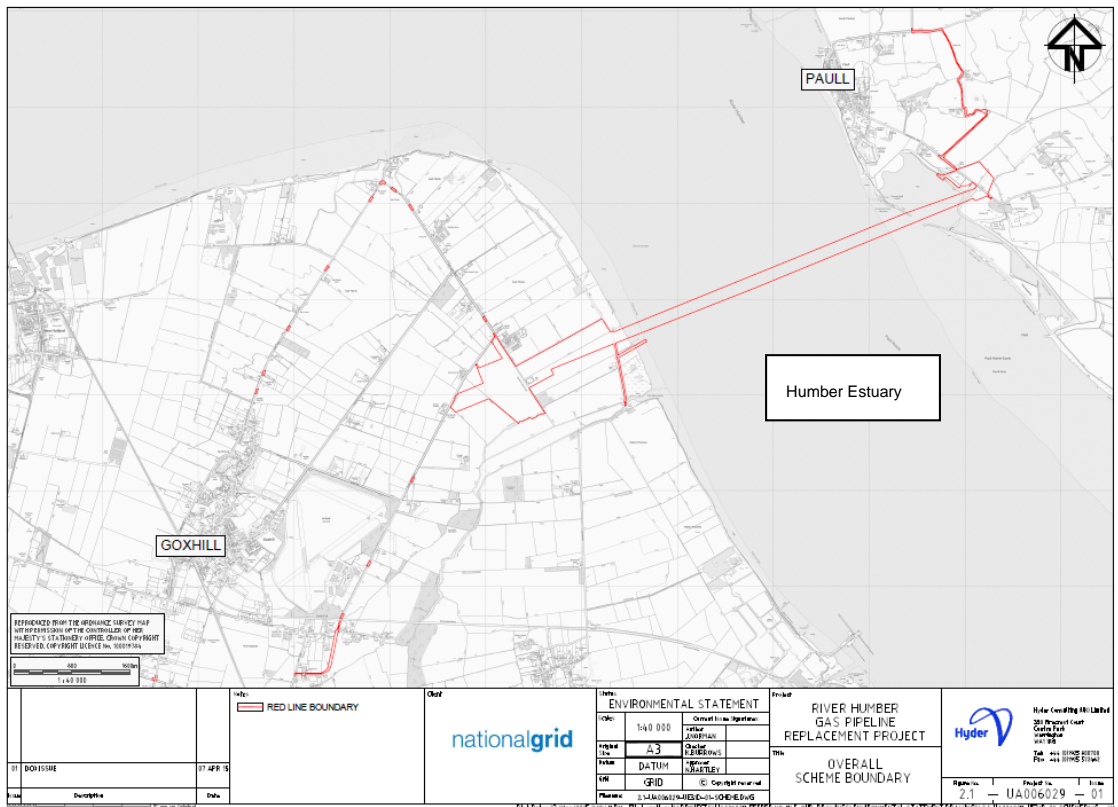
- Air Quality;
- Cultural Heritage;
- Ecology and Nature Conservation;
- Landscape and Visual Amenity;
- Noise and Vibration (including working hours);
- Highways (Traffic and Transport – including traffic routing and working hours);
- Public Rights of Way (PRoW) (Socio-Economics and Land Use); and
- Water Resources and Flood Risk.

1.2.2 ERYC has been consulted regularly by National Grid Gas throughout the development of the Scheme.

2 Scheme Description

- 2.1.1 National Grid Gas is proposing to construct a replacement gas pipeline under the Humber Estuary to ensure the long term security of the Feeder 9 Gas Transmission Pipeline. The river bed cover over the existing No 09 Crossing is currently being eroded by the Humber Estuary. The Feeder 9 pipeline carries a high level of importance within the National Transmission System (NTS) as a strategic pipeline conveying significant volumes of natural gas away from the Easington Importation Terminal south towards the Hatton Compressor Facility.
- 2.1.2 The Scheme would comprise a new high pressure gas pipeline installed within a bored tunnel that would run beneath the Humber Estuary between the existing Above Ground Installation (AGI) at Goxhill on the south bank of the Humber Estuary within North Lincolnshire to the AGI at Paull on the north bank within East Riding of Yorkshire (refer to Figure 1).

Figure 1 Location of the Scheme



- 2.1.3 The total length of the pipeline route would be up to 6 kilometres (km) from the Goxhill AGI to the Paull AGI. The length of the tunnel would be approximately 5.03km based on the provisional drive and reception pit locations with the estuary crossing being 3km. Approximately 120m of new pipeline would be laid onshore at Goxhill from the Goxhill AGI to the start of the tunnelled section and approximately 400m would be laid onshore at Paull to connect the new pipeline into Paull AGI. The bored tunnel would have a minimum internal diameter of 3.65m and a maximum internal diameter of 4m. The pipeline would be laid at a depth of a minimum of 7m below the true bed of the Humber Estuary.
- 2.1.4 As stated above the Scheme lies within the local authorities of North Lincolnshire on the southern side of the Humber Estuary and within the East Riding of Yorkshire on the northern side of the Humber Estuary (refer to Figure 2).

Figure 2 East Riding of Yorkshire and North Lincolnshire Administrative Boundaries with a Wider Context



- 2.1.5 The section of the Scheme on the northern bank of the Humber Estuary lies within an area dominated by industrial land uses including Saltend, which includes chemical and renewable energy industry. The nearest settlement to the application site boundary is Paull. Construction on the Paull side of the Scheme is likely to last for 20 months.
- 2.1.6 Under Section 60 of the Planning Act 2008 the Examining Authority invites the relevant local authority/s to submit a Local Impact Report. The report will set out, in the view of the authority, the likely impact of the Scheme. The Examining Authority will have regard to the report in its examination of the application.

3 Matters of Agreement

3.1.1 Tables 3-1 – 3-8 outline the matters of agreement between National Grid Gas and ERYC.

Table 3-1 Matters of Agreement Air Quality

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Methodology			
<p>The methodology sets out the approach to the air quality assessment, and is presented within Section 5.3 of the chapter. ERYC agrees with the methodology used to undertake the assessment.</p> <p>ERYC agrees that construction traffic effects can be scoped out of this assessment due to the predicted number of Heavy Goods Vehicle (HGV) movements being below 200 per day. It is also agreed that emissions from stationary sources such as site static generators would not have a significant air quality effect and therefore have been scoped out of the assessment.</p>	Chapter 5: Air Quality (DCO Document Reference 6.5)	Agreed	Agreed
<p>Once the pipeline has been installed, there would be no additional emissions to the atmosphere above the existing baseline, as the Scheme is a replacement of an existing facility. Ball valve venting and pig trap venting are two typical maintenance activities that would be undertaken during the 40 year design life of the new pipeline. This is a comparable process to that undertaken for the existing pipeline (which does not cause significant environmental effects). It is therefore considered that operational air quality effects would not be significant, and therefore have been scoped out of the assessment.</p>	Chapter 5: Air Quality (DCO Document Reference 6.5)	Agreed	Agreed
Baseline Information			
<p>Section 5.4 and 5.5 of the chapter present the existing and future baseline information, respectively, that has been considered in relation to air quality.</p> <p>ERYC accepts the baseline information and agrees with the</p>	Chapter 5: Air Quality (DCO Document Reference 6.5) Appendix 5.1: Dust	Agreed	Agreed

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
identified potential receptors considered within the Dust Risk Assessment.	Risk Assessment (DCO Document Reference 6.5.1)		
Construction phase: Air Quality and Dust Mitigation Measures			
<p>Environmental commitments related to air quality and dust during pre-construction and construction are included in Appendix 5.1: Dust Risk Assessment and Table 5.1 and Table 5.2 of the Initial CEMP.</p> <p>ERYC agrees that the mitigation measures set out in Appendix 5.1 and the Initial CEMP are appropriate.</p>	<p>Appendix 5.1: Dust Risk Assessment (DCO Document Reference 6.5.1)</p> <p>Table 5.1 and Table 5.2 of the Initial CEMP (DCO Document Reference 7.3)</p>	Agreed	Agreed
Assessment Findings and Conclusions			
<p>Appendix 5.1: Dust Risk Assessment presents the risk of dust impacts related to dust soiling, human health and ecological impacts.</p> <p>ERYC agrees with the assessment of residual effects on potential receptors on the Paull side of the Humber Estuary.</p>	Appendix 5.1: Dust Risk Assessment (DCO Document Reference 6.5.1)	Agreed	Agreed

Table 3-2 Matters of Agreement Cultural Heritage

Matters of Agreement	DCO Document Reference	National Grid Gas	East Riding of Yorkshire Council
Methodology			
<p>The methodology sets out the approach to the cultural heritage assessment, and is presented within Section 6.3 of the chapter. A Desk Based Assessment (DBA) was undertaken to obtain information relating to heritage assets. In 2014, a draft version of the DBA was issued to ERYC for comment. Comments were received and the DBA was then updated to incorporate those comments.</p> <p>In addition to the DBA, a programme of archaeological investigations has been undertaken. This included a geophysical survey at Paull and aerial photograph analysis at Paull. The approach, methodology and results of each of these investigations are presented within Appendix 6.2 and Appendix 6.3. ERYC agrees with the methods used to obtain baseline information and inform the assessment.</p>	<p>Chapter 6: Cultural Heritage (DCO Document Reference 6.6)</p> <p>Appendix 6.1: DBA (DCO Document Reference 6.6.1)</p> <p>Appendix 6.2: Aerial Photograph Analysis at Paull and</p> <p>Appendix 6.3: Geophysical Surveys Undertaken at Paull (DCO Document Reference 6.6.2 and 6.6.3)</p>	<p>Agreed</p>	<p>Agreed</p>
Baseline Information			
<p>Section 6.4 and 6.5 of the chapter present the existing and future baseline information, respectively, that has been considered in relation to the cultural heritage assessment. Potentially affected receptors have been assigned a value in accordance with guidance to assist in determining those which should be considered within the detailed assessment. ERYC agrees with the evaluation of value of receptors potentially affected by the Scheme.</p> <p>Paull Conservation Area was scoped out of the assessment. The setting of the Conservation Area is inward looking and</p>	<p>Chapter 6: Cultural Heritage (DCO Document Reference 6.6)</p> <p>Appendix 6.1: DBA (DCO Document Reference 6.6.1)</p>	<p>Agreed</p>	<p>Agreed</p>

Matters of Agreement	DCO Document Reference	National Grid Gas	East Riding of Yorkshire Council
<p>does not extend beyond its own boundary. The Scheme does not extend into the Conservation Area so there is no opportunity for impact. ERYC agrees with the decision to scope out Paull Conservation Area from the assessment.</p>			
Environmental Design Measures			
<p>Environmental design measures are identified within section 6.7 of the chapter and clear commitments are listed within the Initial CEMP. Environmental design measures include:</p> <ul style="list-style-type: none"> • Installation of topsoil storage bunds and either close fencing to create partial screening of the construction activities and to reduce the impacts on the settings of heritage receptors; • A palaeoenvironmental assessment of the reception shaft and pipeline trench will be carried out at the earliest opportunity (by quarter three of 2016) in order to further determine the potential for palaeoenvironmental remains to be present; • An archaeological watching brief where soil stripping would take place also if new land is required associated with the Rose Hill access track; • Archaeological trial trench evaluation would be carried out – focussing on the reception shaft, auger-bore pit and pipeline, exact locations are to be agreed with ERYC. Following the completion of the trial trenching further archaeological monitoring will be carried out on these areas. • Ensure all written records of the archaeological investigations are completed and submitted in a timely manner. 	<p>Chapter 6: Cultural Heritage (DCO Document Reference 6.6) Initial CEMP (DCO Document Reference 7.3)</p>	<p>Agreed</p>	<p>Agreed</p>

Matters of Agreement	DCO Document Reference	National Grid Gas	East Riding of Yorkshire Council
<p>ERYC agrees that the approach to further work and archaeological mitigation set out in Chapter 6: Cultural Heritage is appropriate.</p>			
<p>Assessment Findings and Conclusions</p>			
<p>Section 6.8 of the chapter presents the potential residual effects on each receptor i.e. effects which would remain following implantation of the of the environmental design measures.</p> <p>ERYC agrees with the assessment of residual effects on cultural heritage receptors based on currently available information.</p>	<p>Chapter 6: Cultural Heritage (DCO Document Reference 6.6)</p>	<p>Agreed</p>	<p>Agreed</p>

Table 3-3 Matters of Agreement Ecology and Nature Conservation

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Methodology			
<p>A series of ecological surveys were undertaken between September 2013 and October 2014 including Phase 1 Habitat and protected species walkover surveys, reptile, water vole, bird surveys, aquatic invertebrates, and aquatic plant surveys. Details of survey methodologies and survey results are presented in Appendix 7.1: Technical Appendix and Appendix 7.2: Potentially Excepted Information. ERYC considers that appropriate habitat / species surveys using standard methods have been carried out.</p>	<p>Chapter 7: Ecology and Nature Conservation (DCO Document Reference 6.7) Appendix 7.1: Technical Appendix and Appendix 7.2: Potentially Excepted Information (DCO Document Reference 6.7.1 and 6.7.2).</p>	<p>Agreed</p>	<p>Agreed</p>
Baseline Information			
<p>Section 7.4 summarises the existing ecological resources identified during the desk study, consultations and field surveys. Full details of the field survey results and raw data are provided in Appendix 7.1: Technical Appendix and Appendix 7.2: Potentially Excepted Information. ERYC agrees the baseline reported in the chapter and associated appendices clearly present the existing ecological conditions.</p>	<p>Chapter 7: Ecology and Nature Conservation (DCO Document Reference 6.7) Appendix 7.1: Technical Appendix and Appendix 7.2: Potentially Excepted Information (DCO Document Reference 6.7.1 and 6.7.2).</p>	<p>Agreed</p>	<p>Agreed</p>

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Environmental Design Measures			
<p>Environmental design measures are considered in Section 7.7 and the Initial CEMP. ERYC considers the measures set out in Chapter 7: Ecology and Nature Conservation and the Initial CEMP appropriate.</p>	<p>Chapter 7: Ecology and Nature Conservation (DCO Document Reference 6.7) Table 5.1 and 5.3 of the Initial CEMP (DCO Document Reference 7.3)</p>	<p>Agreed</p>	<p>Agreed</p>
Assessment Findings and Conclusions			
<p>The majority of the mitigation measures have already been included in the environmental design (including the retention of the hedges around and within the site, bunding, close board fencing and the lighting design). The likely effects of the Scheme on each of the key ecological receptors have therefore been characterised based on these mitigation measures being in place. The likely effects of the Scheme have been assessed as 'Not Significant' at any geographic level. ERYC agrees with this conclusion.</p>	<p>Chapter 7: Ecology and Nature Conservation (DCO Document Reference 6.7)</p>	<p>Agreed</p>	<p>Agreed</p>

Table 3-4 Matters of Agreement Landscape and Visual Amenity

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Methodology			
<p>ERYC support the methodological approach outlined within the chapter, noting that the assessment follows the guidance outlined in Guidelines for Landscape and Visual Impact Assessment, 3rd edition (2013) and other relevant guidance.</p>	<p>Chapter 9: Landscape and Visual Amenity (DCO Document Reference 6.9)</p>	<p>Agreed</p>	<p>Agreed</p>
Baseline Information			
<p>ERYC is satisfied with the baseline analysis provided in the chapter. The selection of likely receptors is appropriate.</p>	<p>Chapter 9: Landscape and Visual Amenity (DCO Document Reference 6.9)</p>	<p>Agreed</p>	<p>Agreed</p>
Environmental Design Measures			
<p>ERYC considers that the environmental design measures are appropriate. Environmental design measures in terms of bunding would screen the Scheme and soften the boundaries of the site.</p>	<p>Chapter 9: Landscape and Visual Amenity (DCO Document Reference 6.9)</p>	<p>Agreed</p>	<p>Agreed</p>
Assessment Findings and Conclusions			
<p>ERYC agrees the Scheme would primarily have a localised visual impact and any impact would be over a temporary period of time. Alterations to the Scheme in terms of its scale and the opportunities to retain hedgerows and landscape features reduce the Scheme's prominence.</p> <p>ERYC agrees that cumulative impacts with other developments in the area in terms of visual/landscape impact are not</p>	<p>Chapter 9: Landscape and Visual Amenity (DCO Document Reference 6.9)</p>	<p>Agreed</p>	<p>Agreed</p>

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
considered to result in likely significant effects.			

Table 3-5 Matters of Agreement Noise and Vibration

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Methodology			
ERYC agree with National Grid Gas' approach to the assessment of baseline noise levels including noise monitoring locations.	Chapter 10: Noise and Vibration (DCO Document Reference 6.10)	Agreed	Agreed
No residential receptors within the defined study area were scoped out of the noise and vibration assessment. ERYC confirms that the list of potentially affected receptors at Paull is appropriate for the assessment.	Chapter 10: Noise and Vibration (DCO Document Reference 6.10)	Agreed	Agreed
Environmental Design Measures			
Environmental design measures and environmental commitments related to noise and vibration during pre-construction and construction are included in Chapter 10: Noise and Vibration along with Table 5.1 and Table 5.2 of the Initial CEMP. It should be noted that core working hours would be between 0700 -1900 hours Monday to Friday and 0800 -1600 on Saturdays with tunnelling activities undertaken seven days a week, 24 hours a day. There may be a requirement to undertake other construction activities on a Sunday. ERYC agrees that the measures outlined in the Initial CEMP are appropriate for managing noise levels.	Chapter 10: Noise and Vibration (DCO Document Reference 6.10) Table 5.1 and Table 5.2 of the Initial CEMP (DCO Document Reference 7.3)	Agreed	Agreed
Assessment Findings and Conclusions			
ERYC confirms that the assessment of construction noise and operational noise used in the production of Chapter 10: Noise and Vibration and the assessment of residual effects, provides a robust assessment.	Chapter 10 Noise and Vibration (DCO Document Reference 6.10)	Agreed	Agreed

Table 3-6 Matters of Agreement Highways

Matter of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Baseline Information			
Baseline traffic surveys and accident data are included in Chapter 12: Traffic and Transport and the Initial TMP. ERYC agrees the surveys undertaken at strategic survey locations at Paull are appropriate.	Chapter 12: Traffic and Transport (DCO Document Reference 6.12) Initial TMP (DCO Document Reference 7.2.1)	Agreed	Agreed
Construction Traffic Routes			
The private track road for Rose Hill Farm would be used by all construction traffic to avoid impacts on the roads and road users in Paull and Thorngumbald. ERYC has no objections to the proposed construction traffic route included in the Transport Assessment.	Transport Assessment (DCO Document Reference 7.2)	Agreed	Agreed
Environmental Design Measures			
The mitigation measures identified within the Initial TMP to ensure the safe movement of vehicles and all road users will be implemented. These would be in the form of proposed / improved passing places on the Rose Hill Track, planning abnormal deliveries to avoid disruption, speed limit reductions and other traffic management measures. In addition to physical measures, construction drivers would also be provided with a drivers pack identifying how they should behave on the construction route and at what speed. ERYC confirm that the mitigation measures are appropriate and agree they would improve the safe movement of road users.	Initial TMP (DCO Document 7.2.1)	Agreed	Agreed

Table 3-7 Matters of Agreement Public Rights of Way

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Baseline Information			
<p>The baseline information relating to PRoW has been obtained from ERYC and presented in Chapter 11: Socio-Economics and Land Use. ERYC agrees that the list of PRoWs and potentially affected receptors included in the study area is appropriate. ERYC was contacted regarding usage data and confirmed there is currently none available for those identified within the defined study area.</p>	<p>Chapter 11: Socio-Economics and Land Use (DCO Document Reference 6.11)</p>	<p>Agreed</p>	<p>Agreed</p>
Mitigation and Enhancement Measures			
<p>There would be a requirement to temporarily close Footpaths 6 and 1 at Paull to allow for the isolating of the pipeline. These closures would be for a maximum of three days and clear signage would be provided (refer to the Access and Rights of Way Plans). ERYC confirms with the approach above and has no further comments to make.</p>	<p>Chapter 11: Socio-Economics and Land Use (DCO Document Reference 6.11) Access and Rights of Way Plans (DCO Document Reference 2.3).</p>	<p>Agreed</p>	<p>Agreed</p>
Assessment Findings and Conclusions			
<p>During the 20 month construction period on the Paull side of the Scheme Footpath 6 and Footpath 1 would be required to be closed to allow for the isolation of the Existing No 09 Crossing. The closure would be for a maximum of three days and no diversion would be provided. On completion of the works the footpaths would be re-opened and there would be no long-term effects. Residual effects were predicted to be minor negative as the closures would only affect a small number of people for a</p>	<p>Chapter 11: Socio-Economics and Land Use (DCO Document Reference 6.11)</p>	<p>Agreed</p>	<p>Agreed</p>

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
<p>very small period of time. ERYC confirms with the assessment results and has no further comments to make.</p>			
<p>There is likely to be a temporary loss of amenity for users of all PRow within the study area during construction as a result of temporary elevated noise levels and visual intrusion resulting from construction at Paull. These effects would be relatively short-lived and transient effects for the user as they travel along PRow. However, following the 20 month construction phase at Paull there would be no effects.</p>	<p>Chapter 11: Socio-Economics and Land Use (DCO Document Reference 6.11)</p>	<p>Agreed</p>	<p>Agreed</p>

Table 3-8 Matters of Agreement Water Resources and Flood Risk

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
Methodology			
The assessment of potential effects on the water environment follows the assessment criteria drawn from Part 10 of Volume 11 of the Design Manual for Roads and Bridges, with reference to the paper Practical Methodology for Determining the Significance of Impacts on the Water Environment (Mustow <i>et al</i> , 2005). ERYC support the methodological approach outlined within the chapter.	Chapter 13: Water Resources (DCO Document Reference 6.13)	Agreed	Agreed
Baseline Information			
ERYC is satisfied with the baseline analysis provided in the chapter under the headings water quality, flood risk and hydrogeology. The selection of likely receptors is considered appropriate.	Chapter 13: Water Resources (DCO Document Reference 6.13)	Agreed	Agreed
Environmental Design Measures			
ERYC considers that the environmental design measures are appropriate outlined within section 13.7 of the chapter. Examples include groundwater control, appropriate tunnel design, adopting a Flood Incidence Response Plan (draft is appended to the FRA).	Chapter 13: Water Resources (DCO Document Reference 6.13) Flood Risk Assessment (DCO Document Reference 5.2)	Agreed	Agreed
Assessment Findings and Conclusions			
ERYC agrees with the assessment findings and conclusions of the chapter which state that there are considered to be no effects on surface water receptors considered to be significant	Chapter 13: Water Resources (DCO Document Reference	Agreed	Agreed

Matters of Agreement	DCO Document Reference	National Grid Gas in Agreement	East Riding of Yorkshire Council in Agreement
during the construction or operational phases of the Scheme.	6.13)		
A Stage 1 Flood Risk Assessment was undertaken in accordance with the requirements of the National Planning Policy Framework (NPPF) and in line with guidance provided by the Environment Agency. ERYC agrees with the conclusions reached.	Flood Risk Assessment (DCO Document Reference 5.2)	Agreed	Agreed

4 Matters Not Concluded

4.1.1 This section covers matters raised and unresolved / un-concluded in respect of each identified DCO submission document / topic discussed. Where there has not been agreement National Grid Gas has endeavoured to address all the points raised by ERYC. This section, therefore sets out the outstanding issues and provides a summary of the discussions held and why there has been no resolution (refer to Table 4-1).

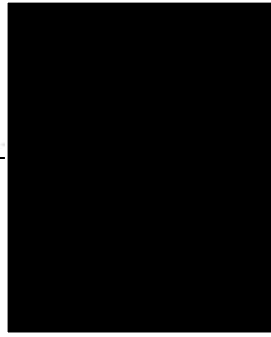
Table 4-1 Matters Not Concluded

Matters Not Concluded	DCO Document Reference	Action and Timescale for Resolution

5 Signed Statement of Common Ground

5.1.1 This Statement of Common Ground has been prepared by Hyder Consulting on behalf of National Grid Gas and agreed by ERYC.

Table 5-1 Signatures

Organisation	Name and Title	Signature	Date
East Riding of Yorkshire Council	Andy Wainwright		8 October, 15.
National Grid	Carl Simms, Consents Officer		08/10/15