

A1 Birtley to Coal House

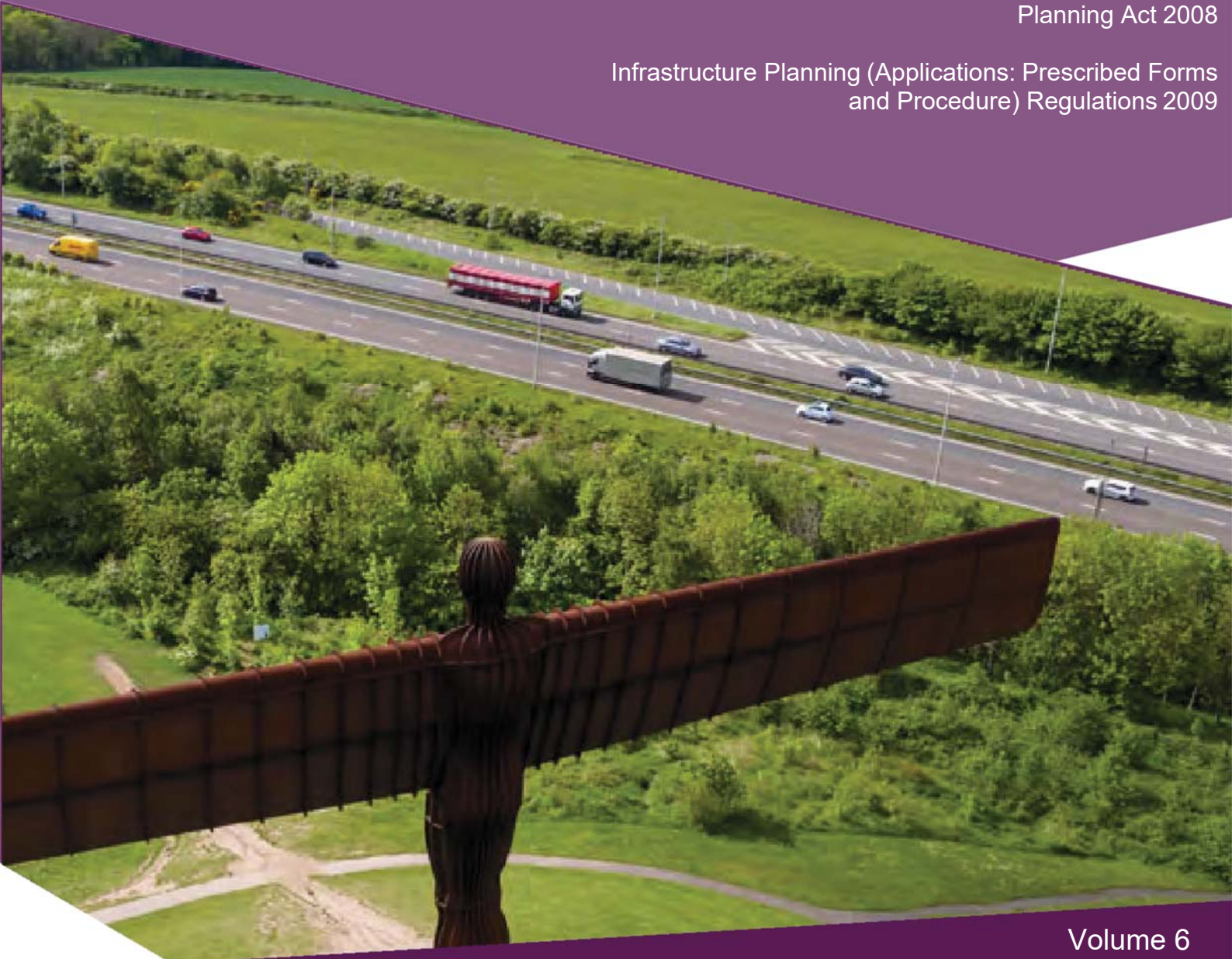
Scheme Number: TR010031

6.3 Environmental Statement – Appendix 11.10 Noise Important Areas

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009



Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedures) Regulations 2009**

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

**Environmental Statement -
Appendix**

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CONTENTS

NOISE IMPORTANT AREAS

1

TABLES

Table 10-1 – NIAs within or overlapping the calculation area	1
Table 10-2 – NIAs within or overlapping the 1km boundary (but not within or overlapping the calculation area)	3
Table 10-3 – NIAs within or overlapping the wider area 50m buffers (but not within or overlapping the 1km or calculation area)	4

NOISE IMPORTANT AREAS

1.1.1. **Table 10-1** below details the Noise Important Areas that are located within or overlap with the Calculation Area.

Table 10-1 – NIAs within or overlapping the calculation area

NIA	Location	Owner	Noise level change – Impact magnitude	Significance of effect
6629	A small section of Coach Road to the south of its junction with Cross Lane encompassing one property	HE	No Change or Negligible in the short term and long term	Not Significant
6630	A small section of Coach Road to the south of NIA 6629 encompassing one property	HE	No Change or Negligible in the short term and long term	Not Significant
2498	In the north of the Scheme on the A1 to the north of Junction 67, also including Coach Road/Banesley Lane to the south of the A1.	HE	No Change or Negligible in the short term and long term	Not Significant
2449	On Durham Road, from the 1km boundary to just north of the junction with Hertford/Harlow Green Lane. This NIA also extends further north outside the 1km boundary.	Gateshead Council	No Change or Negligible in the short term and long term	Not Significant
2450	On Durham Road to the south of its junction with Hertford/Harlow Green Lane to	Gateshead Council	No Change or Negligible in the short term and long term	Not Significant

NIA	Location	Owner	Noise level change – Impact magnitude	Significance of effect
	Smithyford in the south			
6631	On Cowen Gardens off Durham Road.	Gateshead Council	No Change or Negligible in the short term and long term	Not Significant
6632	On Durham Road close to Junction 66 of the A1.	Gateshead Council	No Change or Negligible in the short term and long term	Not Significant
2451	On the A1 between Junctions 65 and 66	HE	Minor to Major Noise level decreases in the short term and long term	Significant (Beneficial)
10048	In the north of Birtley on the A167 Newcastle Bank from the residential edge in the north of Birtley to the A167 junction with Long Bank.	Gateshead Council	No Change or Negligible in the short term and long term	Not Significant
2453	In Birtley on Newcastle Road immediately to the west of Durham Road at its junction with Windsor Road.	Gateshead	No Change or Negligible in the short term and long term	Not Significant
6633	On the A1 to the north of Junction 65 and also encompassing Northside in Birtley, the B1288 in Birtley, the A1231, parts of Beamish View and Brightlea	HE and Gateshead Council	Short term: Minor decreases NW of J65 (Bowes Include) Negligible to Minor decreases West of J65 (Northside and The Brambles). No Change SW of J65 (also Northside)	Significant (Beneficial)

NIA	Location	Owner	Noise level change – Impact magnitude	Significance of effect
			<p>Long term: Negligible decreases NW of J65 (Bowes Include)</p> <p>No Change to Negligible decreases West of J65 (Northside and The Brambles).</p> <p>No Change SW of J65 (also Northside)</p>	
6634	To the east of Birtley at the junction of the A1231 and the B1288,	HE and Gateshead Council	No Change or Negligible in the short term and long term	Not Significant

1.1.2. **Table 10-2** below details the Noise Important Areas that are located within or overlap the 1km boundary, but are not located within or overlap the Calculation Area.

Table 10-2 – NIAs within or overlapping the 1km boundary (but not within or overlapping the calculation area)

NIA	Location	Owner	Noise level change – Impact magnitude	Significance of effect
2454	On Durham Road south of the Scheme, from just north of the junction with Esk Terrace, south to the 1km boundary. This NIA also extends further south outside the 1km boundary.	Gateshead Council	No Change or Negligible in the short term and long term	Not Significant

1.1.3. All of the NIAs presented within **Tables 10-1** and **Table 10-2** are located in relatively close proximity of the scheme. In addition to these NIAs, there are a number that fall within, or overlap with, the wider area 50m buffers. However, due to the scheme traffic data including for the combined effect of both S2NB and the Scheme, many of the wider area 50m buffers

are along the S2NB scheme itself, or included as a result of effects associated with that scheme, not B2CH.

1.1.4. In addition, there are a number of 50m buffers that are remote from both schemes, arising from anomalous issues inherent in traffic flow and noise level predictions (e.g. as a result of the banding the traffic speeds prior to noise level calculation), where in practice no significant noise level change is expected to arise.

1.1.5. **Table 10-3** details all of the Noise Important Areas that are located within, or overlap with wider area 50m buffers, including commentary on those which have the potential to be significantly affected by the Scheme (B2CH), and which have therefore been considered further within the assessment. Basic noise level changes (BNLs) are presented for those NIAs that are potentially affected by the Scheme.

Table 10-3 – NIAs within or overlapping the wider area 50m buffers (but not within or overlapping the 1km or calculation area)

NIA	Location	Owner	Basic noise level change – Impact magnitude		Significance of effect
			Short term	Long term	
6613	On S2NB Scheme	HE	N/A		Potential effects as a result of S2NB, not B2CH.
2481	On S2NB Scheme	HE	N/A		Potential effects as a result of S2NB, not B2CH.
2482	On S2NB Scheme	HE	N/A		Potential effects as a result of S2NB, not B2CH.
2510	On S2NB Scheme	HE and Newcastle	N/A		Potential effects as a result of S2NB, not B2CH.
2493	On and connected to S2NB Scheme	HE and Newcastle	N/A		Potential effects as a result of S2NB, not B2CH.
2504	On S2NB Scheme	HE	N/A		Potential effects as a result of S2NB, not B2CH.
2488	East of	Newcastle	N/A		Potential effects as a result of

NIA	Location	Owner	Basic noise level change – Impact magnitude		Significance of effect
	S2NB				S2NB, not B2CH.
2411	South of S2NB	HE and Gateshead	N/A		Potential effects as a result of S2NB, not B2CH.
2377	East of S2NB	Newcastle & N Tyneside	N/A		Potential effects as a result of S2NB, not B2CH.
2378	East of S2NB	Newcastle	N/A		Potential effects as a result of S2NB, not B2CH.
2369	East of S2NB	Newcastle	N/A		Potential effects as a result of S2NB, not B2CH.
10024	East of S2NB	Newcastle	N/A		Potential effects as a result of S2NB, not B2CH.
2507	East of S2NB	Newcastle	N/A		Potential effects as a result of S2NB, not B2CH.
2436	Between S2NB and B2CH but removed from both	HE and S Tyneside	-0.1dB	-3.1dB	Significant (Beneficial)
2479	Between S2NB Scheme and B2CH Scheme	Gateshead	+0.1dB	-3.3dB	Significant (Beneficial)
			-4.2dB	-3.5dB	
2467	East of B2CH	Sunderland	0.0dB	-3.7dB	Significant (Beneficial)
6653	Southeast but removed from B2CH	HE and Sunderland	-2.4dB	-1.4dB	Significant (Beneficial)

NIA	Location	Owner	Basic noise level change – Impact magnitude	Significance of effect
10223	South but removed from B2CH	Co Durham	N/A	NIA removed from the Scheme (circa 14km).
8179	Southeast but removed from B2CH	HE	N/A	NIA removed from the Scheme (circa 18km).

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