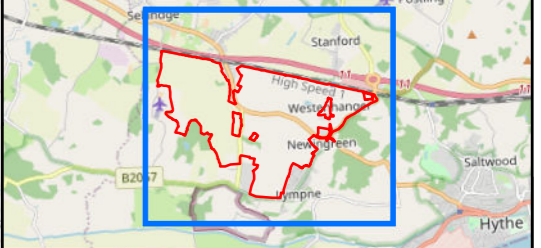


- Legend**
- Outline Planning Application Boundary
 - Framework Masterplan Boundary
 - Long Term Monitoring
 - Short Term Monitoring
 - Vibration Monitoring Points

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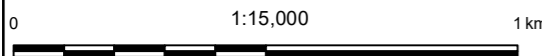


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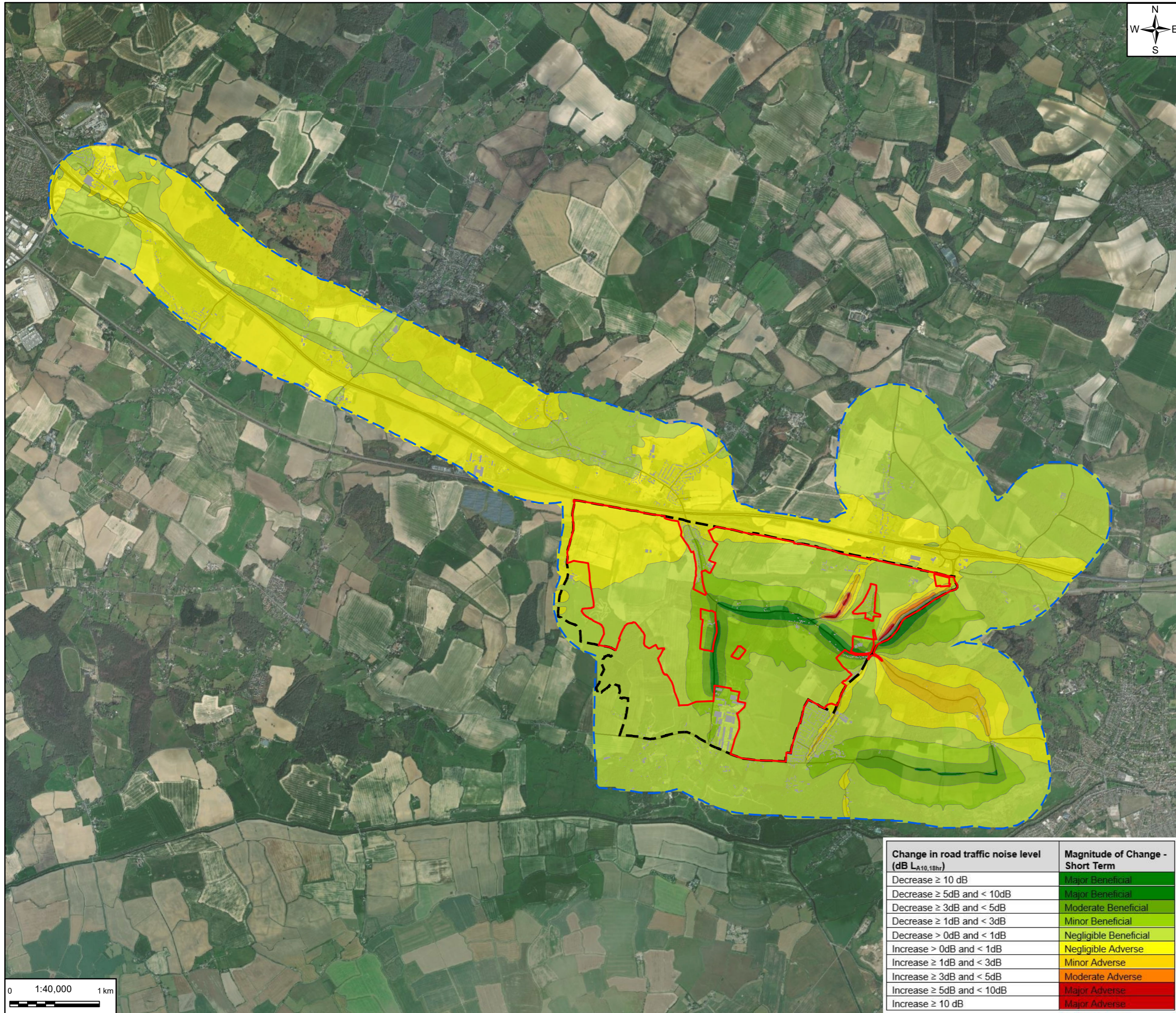
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Figure 13.1
Noise Monitoring Locations

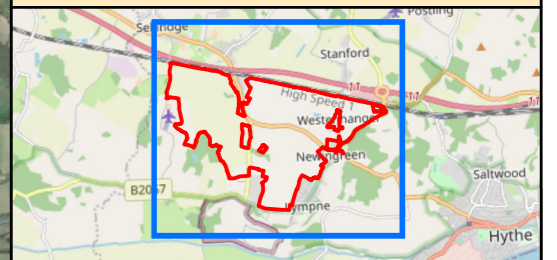


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- Legend**
- Outline Planning Application Boundary
 - Framework Masterplan Boundary
 - Noise Study Area
 - Buildings
 - Road Network

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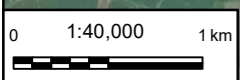
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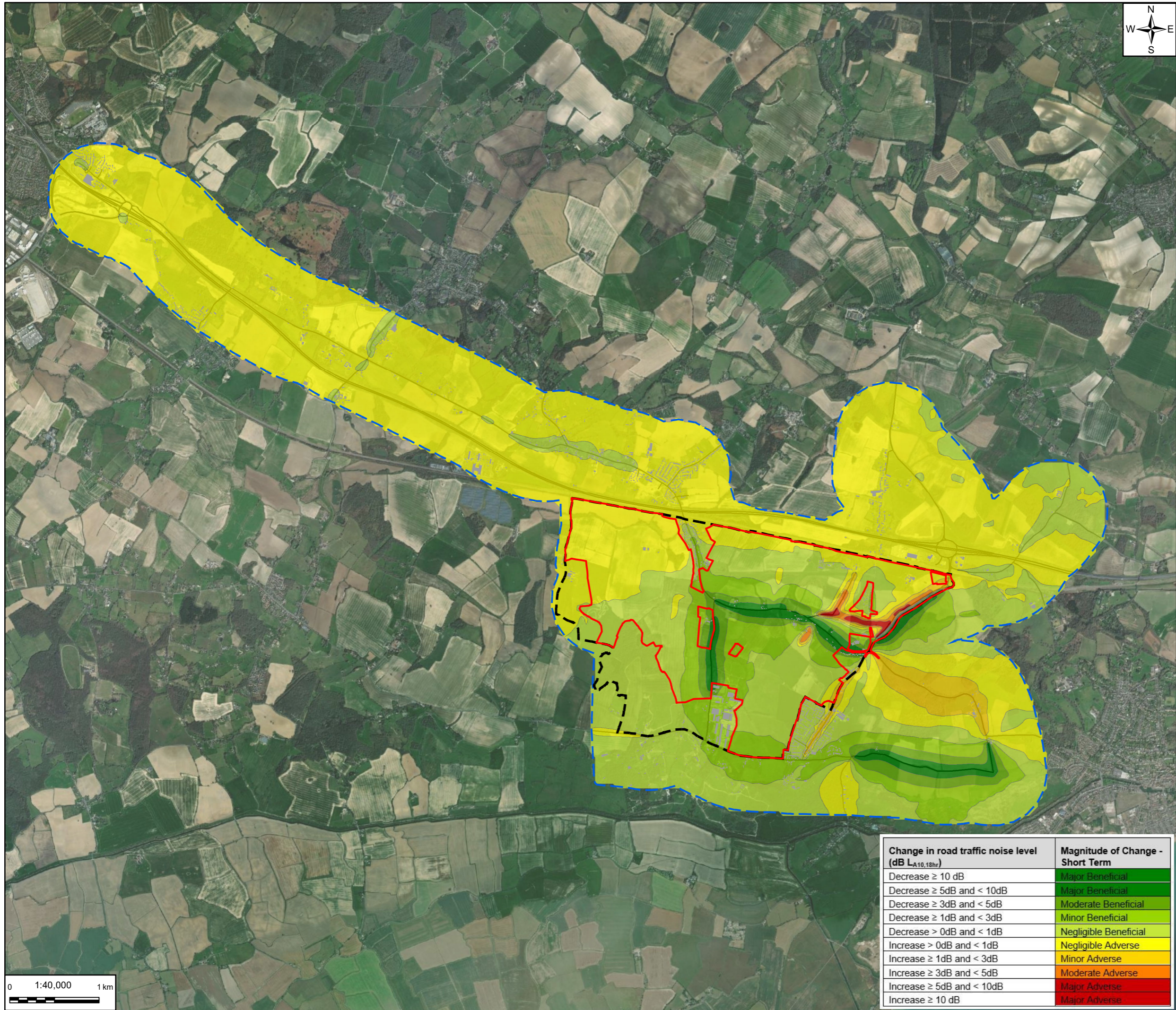

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Figure 13.2
Road Traffic Noise Changes 2024

Change in road traffic noise level (dB LA10,18hr)	Magnitude of Change - Short Term
Decrease ≥ 10 dB	Major Beneficial
Decrease ≥ 5dB and < 10dB	Major Beneficial
Decrease ≥ 3dB and < 5dB	Moderate Beneficial
Decrease ≥ 1dB and < 3dB	Minor Beneficial
Decrease > 0dB and < 1dB	Negligible Beneficial
Increase > 0dB and < 1dB	Negligible Adverse
Increase ≥ 1dB and < 3dB	Minor Adverse
Increase ≥ 3dB and < 5dB	Moderate Adverse
Increase ≥ 5dB and < 10dB	Major Adverse
Increase ≥ 10 dB	Major Adverse

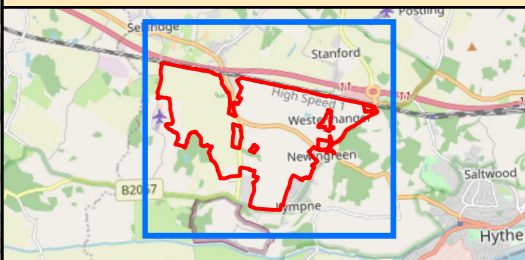


scale	original size	datum	grid
1:40,000	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
 - Framework Masterplan Boundary
 - Noise Study Area
 - Buildings
 - Road Network

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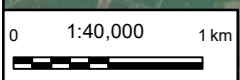
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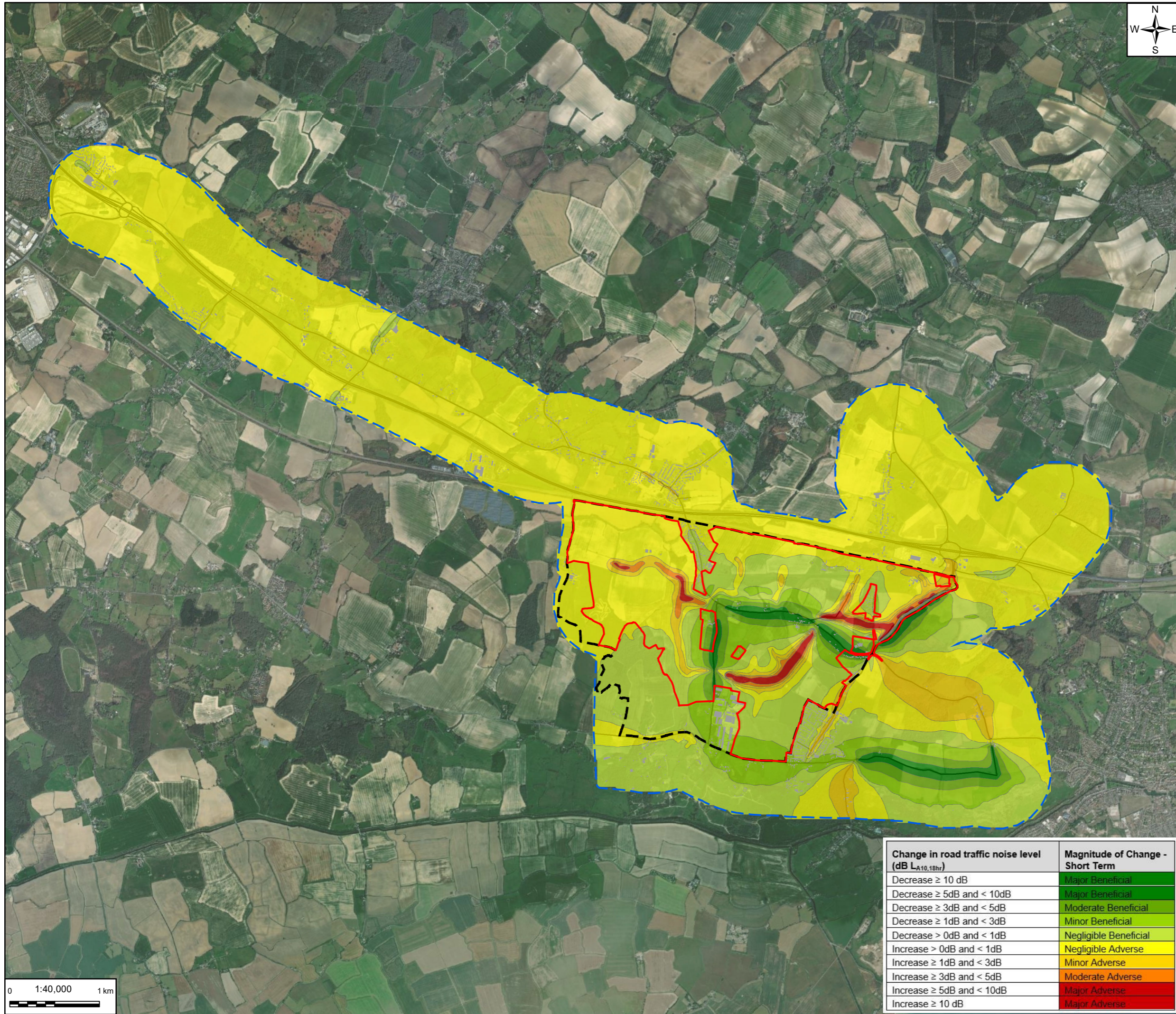

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Figure 13.3
Road Traffic Noise Changes 2030

Change in road traffic noise level (dB LA10,18hr)	Magnitude of Change - Short Term
Decrease ≥ 10 dB	Major Beneficial
Decrease ≥ 5dB and < 10dB	Major Beneficial
Decrease ≥ 3dB and < 5dB	Moderate Beneficial
Decrease ≥ 1dB and < 3dB	Minor Beneficial
Decrease > 0dB and < 1dB	Negligible Beneficial
Increase > 0dB and < 1dB	Negligible Adverse
Increase ≥ 1dB and < 3dB	Minor Adverse
Increase ≥ 3dB and < 5dB	Moderate Adverse
Increase ≥ 5dB and < 10dB	Major Adverse
Increase ≥ 10 dB	Major Adverse

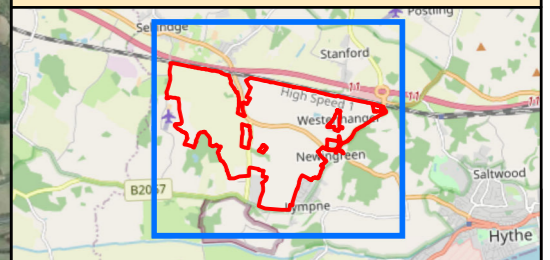


scale	original size	datum	grid
1:40,000	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
 - Framework Masterplan Boundary
 - Noise Study Area
 - Buildings
 - Road Network

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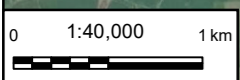
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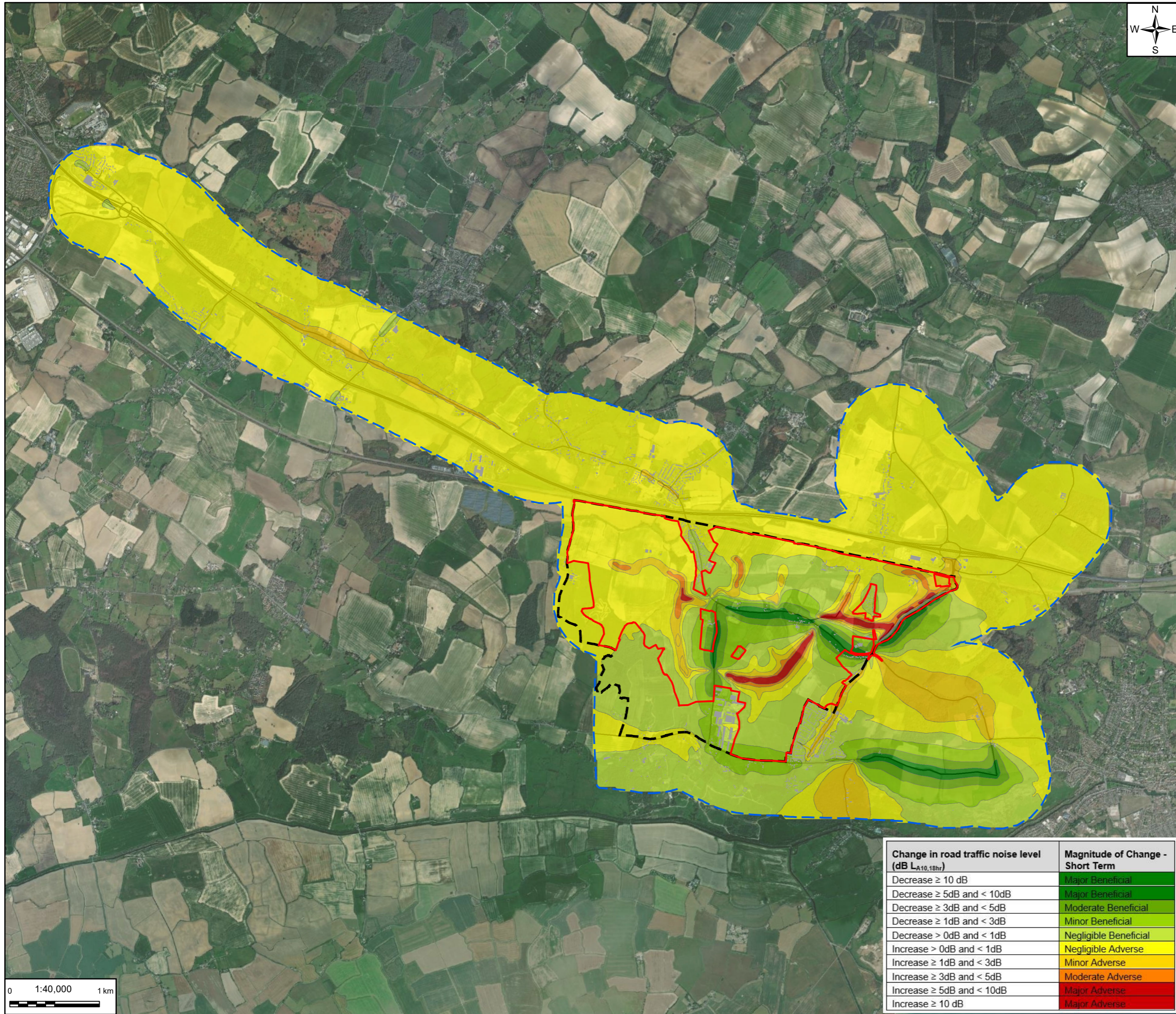

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Figure 13.4
Road Traffic Noise Changes 2037

Change in road traffic noise level (dB LA10,18hr)	Magnitude of Change - Short Term
Decrease ≥ 10 dB	Major Beneficial
Decrease ≥ 5dB and < 10dB	Major Beneficial
Decrease ≥ 3dB and < 5dB	Moderate Beneficial
Decrease ≥ 1dB and < 3dB	Minor Beneficial
Decrease > 0dB and < 1dB	Negligible Beneficial
Increase > 0dB and < 1dB	Negligible Adverse
Increase ≥ 1dB and < 3dB	Minor Adverse
Increase ≥ 3dB and < 5dB	Moderate Adverse
Increase ≥ 5dB and < 10dB	Major Adverse
Increase ≥ 10 dB	Major Adverse

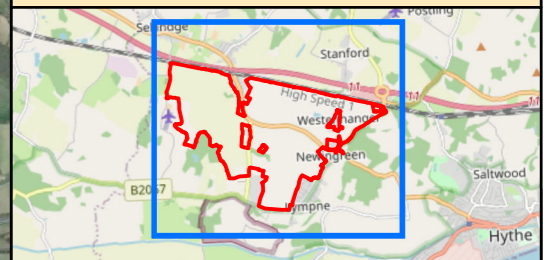


scale	original size	datum	grid
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- Legend**
- Outline Planning Application Boundary
 - Framework Masterplan Boundary
 - Noise Study Area
 - Buildings
 - Road Network

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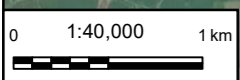
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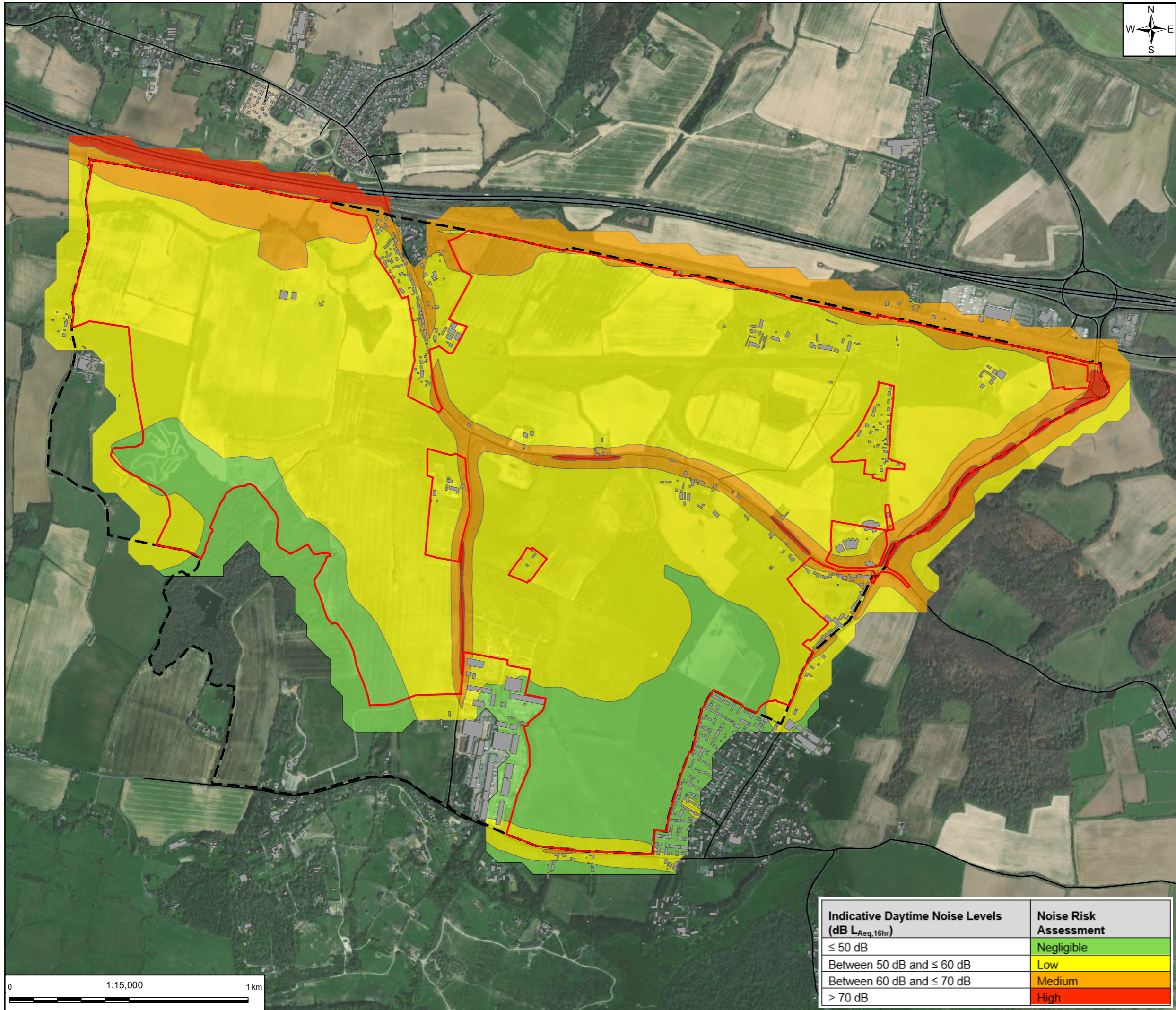

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Figure 13.5
Road Traffic Noise Changes 2044

Change in road traffic noise level (dB LA10,18hr)	Magnitude of Change - Short Term
Decrease ≥ 10 dB	Major Beneficial
Decrease ≥ 5dB and < 10dB	Major Beneficial
Decrease ≥ 3dB and < 5dB	Moderate Beneficial
Decrease ≥ 1dB and < 3dB	Minor Beneficial
Decrease > 0dB and < 1dB	Negligible Beneficial
Increase > 0dB and < 1dB	Negligible Adverse
Increase ≥ 1dB and < 3dB	Minor Adverse
Increase ≥ 3dB and < 5dB	Moderate Adverse
Increase ≥ 5dB and < 10dB	Major Adverse
Increase ≥ 10 dB	Major Adverse

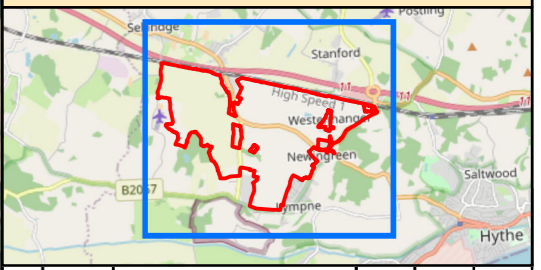


scale	original size	datum	grid
1:40,000	A3	Sx	BNG



- Legend**
- Outline Planning Application Boundary
 - Framework Masterplan Boundary
 - Buildings
 - Road Network

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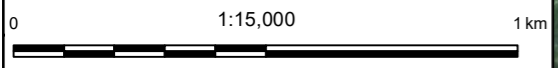
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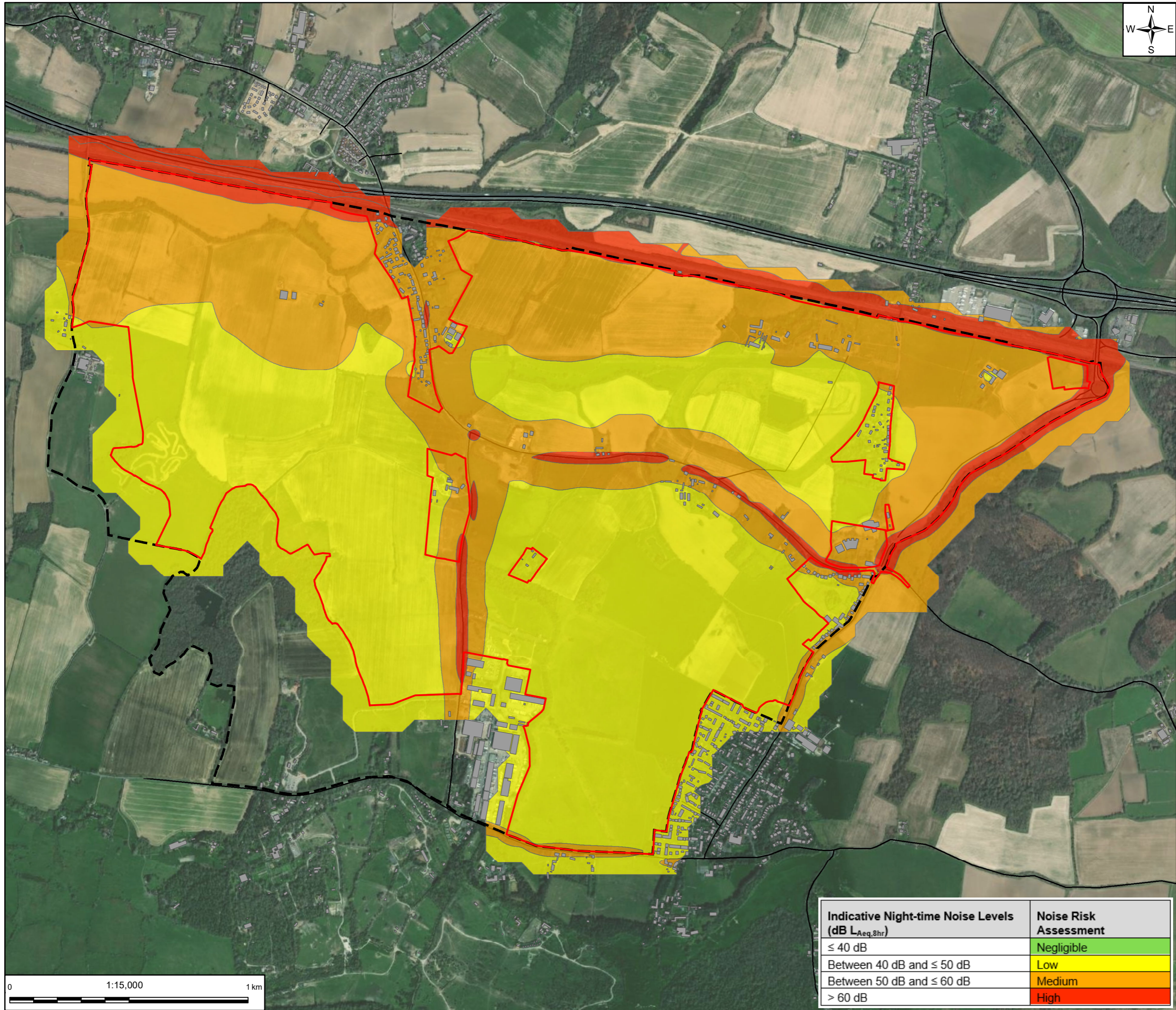

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Figure 13.6
ProPG Residential
Suitability Assessment (Daytime)

Indicative Daytime Noise Levels (dB L _{Aeq,16hr})	Noise Risk Assessment
≤ 50 dB	Negligible
Between 50 dB and ≤ 60 dB	Low
Between 60 dB and ≤ 70 dB	Medium
> 70 dB	High



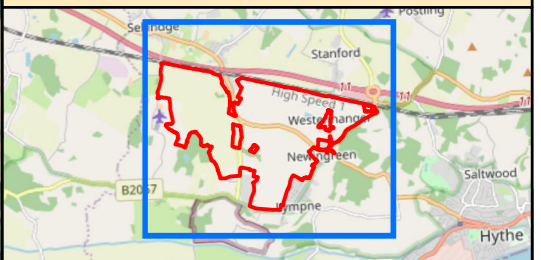
scale	original size	datum	grid
1:15,000	A3	Sx	BNG



Legend

- Outline Planning Application Boundary
- Framework Masterplan Boundary
- Buildings
- Road Network

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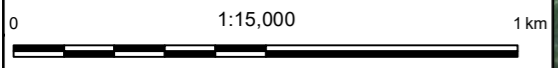
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Indicative Night-time Noise Levels (dB L _{Aeq,8hr})	Noise Risk Assessment
≤ 40 dB	Negligible
Between 40 dB and ≤ 50 dB	Low
Between 50 dB and ≤ 60 dB	Medium
> 60 dB	High

Figure 13.7
 ProPG Residential
 Suitability Assessment (Night-time)



scale	original size	datum	grid
1:15,000	A3	Sx	BNG