

Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Monitoring Location

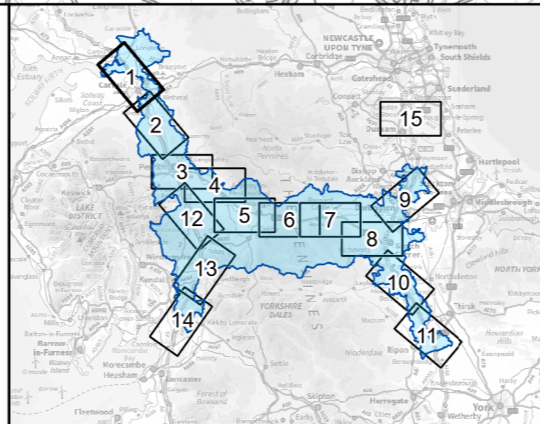
- Local Authority and National Highways
- Scheme Specific

Designated Site

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transect



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P02	First Issue	JBAR	PKEL	JLIN	AMIT	KWHA
		18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name
A66 Northern Trans-Pennine Project

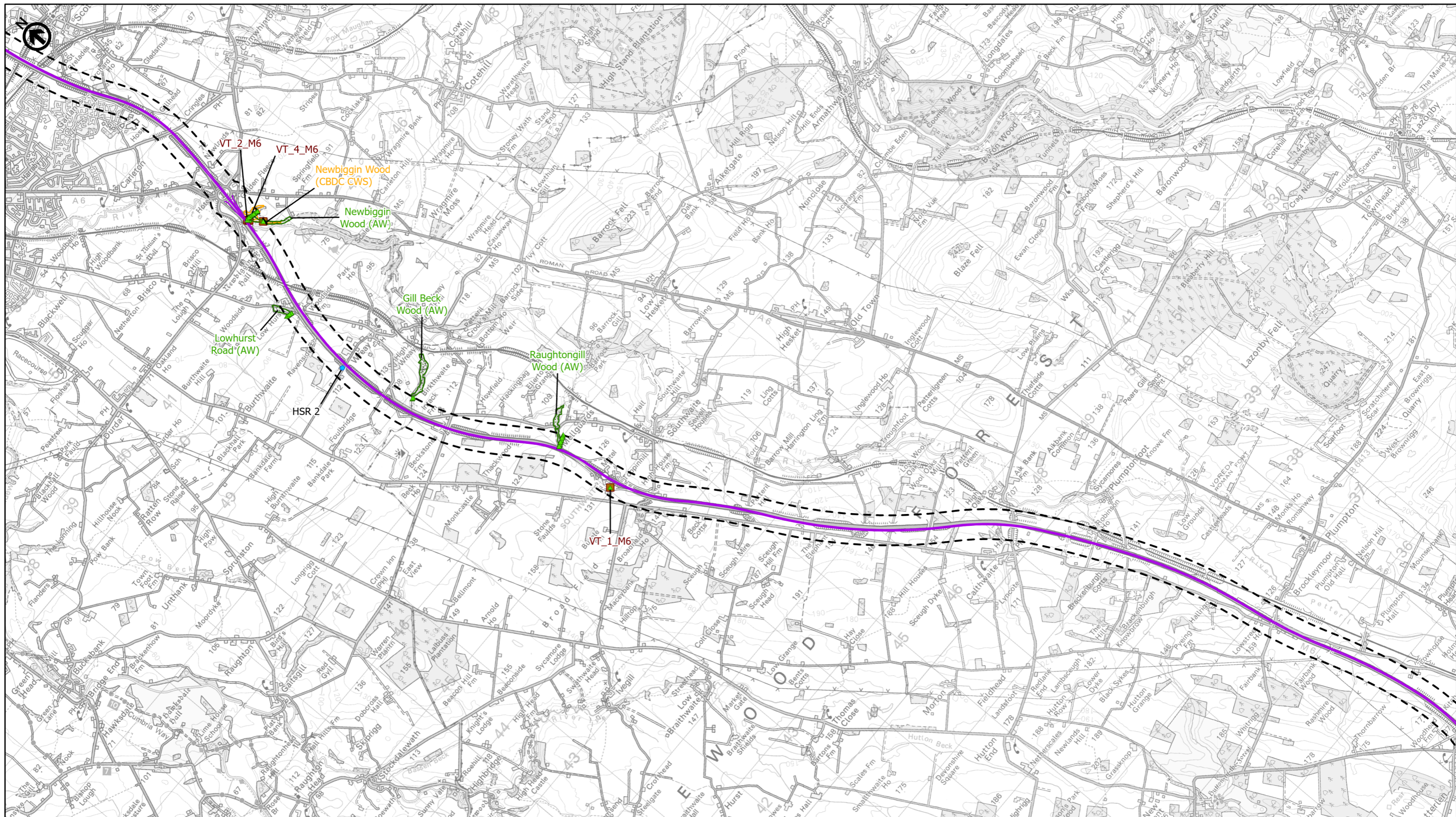
Map Title
Figure 5.1

Air Quality Study Area and Constraints

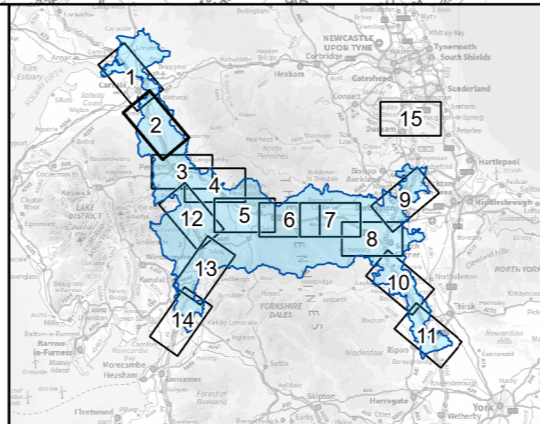
Sheet 1 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002013
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



<ul style="list-style-type: none"> Route Alignment Order Limits 200m Operational Air Quality Study Area Traffic Reliability Area (TRA) (shown on inset map) Air Quality Management Area (AQMA) Affected Road Network (ARN) 	<p>Designated Site</p> <ul style="list-style-type: none"> Special Protection Area (SPA) Special Area of Conservation (SAC) Site of Special Scientific Interest (SSSI) Nature Improvement Area Ancient Woodland (AW) County Wildlife Site (CWS) Local Wildlife Site (LWS) Ancient and Veteran Tree 	<p>Receptor</p> <ul style="list-style-type: none"> Human Sensitive Receptor (HSR) Designated Ecological Site Receptor Designated Ecological Site Receptor Transect
<p>Monitoring Location</p> <ul style="list-style-type: none"> Local Authority and National Highways Scheme Specific 		



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P02	First Issue				
	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

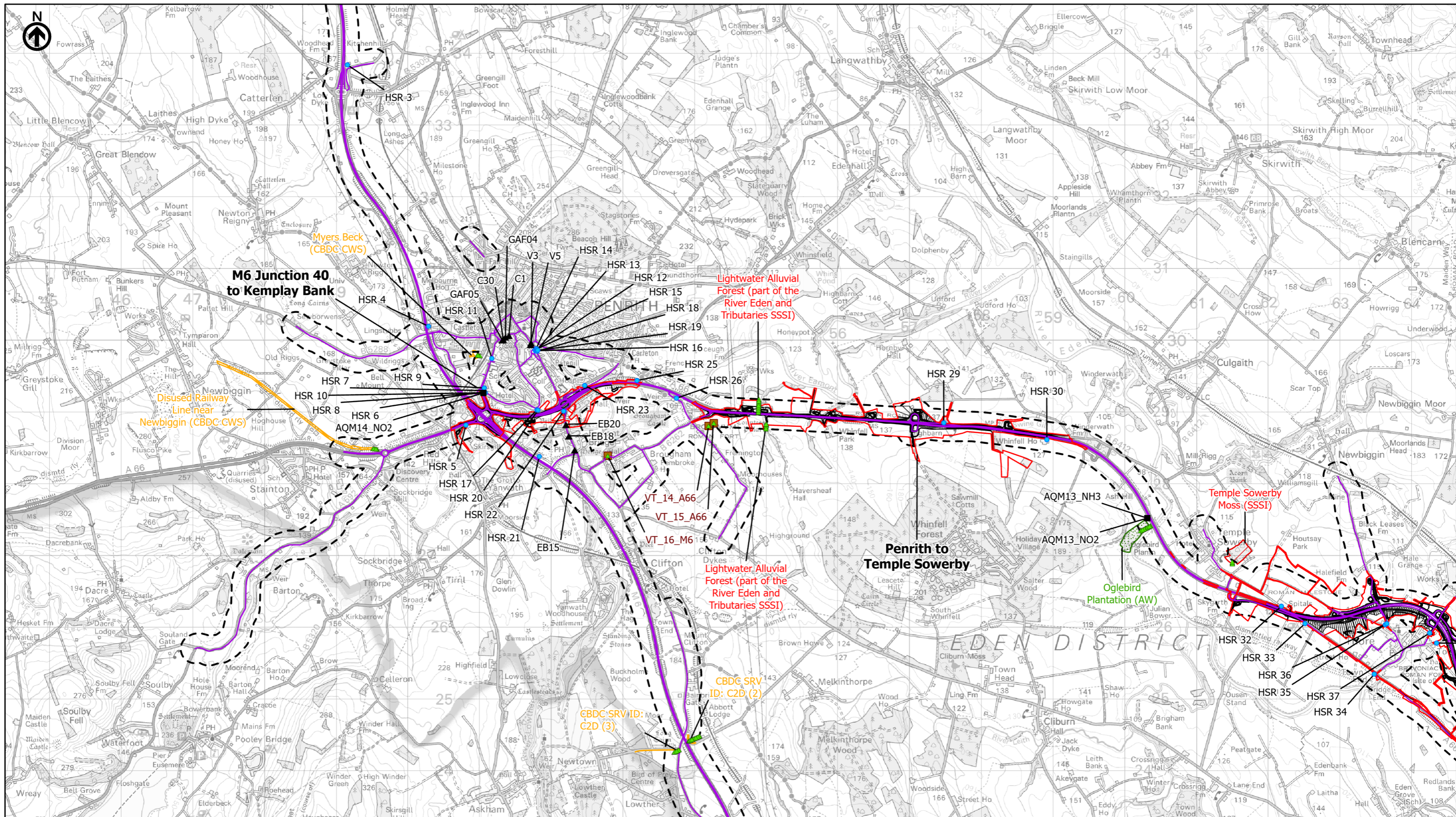
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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 5.1			
Air Quality Study Area and Constraints Sheet 2 of 15			
Map Number Project	Originator	Volume	
HE565627	AMY	EAQ	
S00 Location	MP - LA	002014	
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P02	



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Monitoring Location

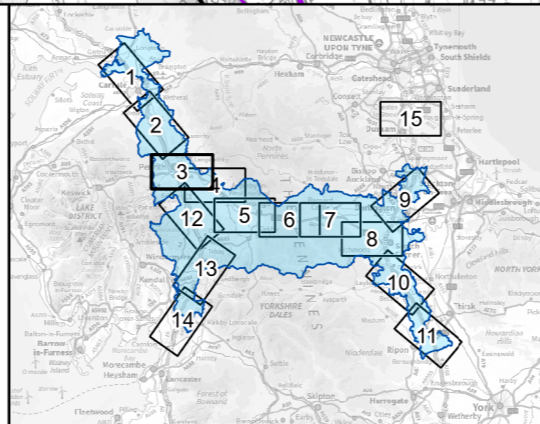
- Local Authority and National Highways
- Scheme Specific

Designated Site

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
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- County Wildlife Site (CWS)
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Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transect



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P02	First Issue				
	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name
A66 Northern Trans-Pennine Project

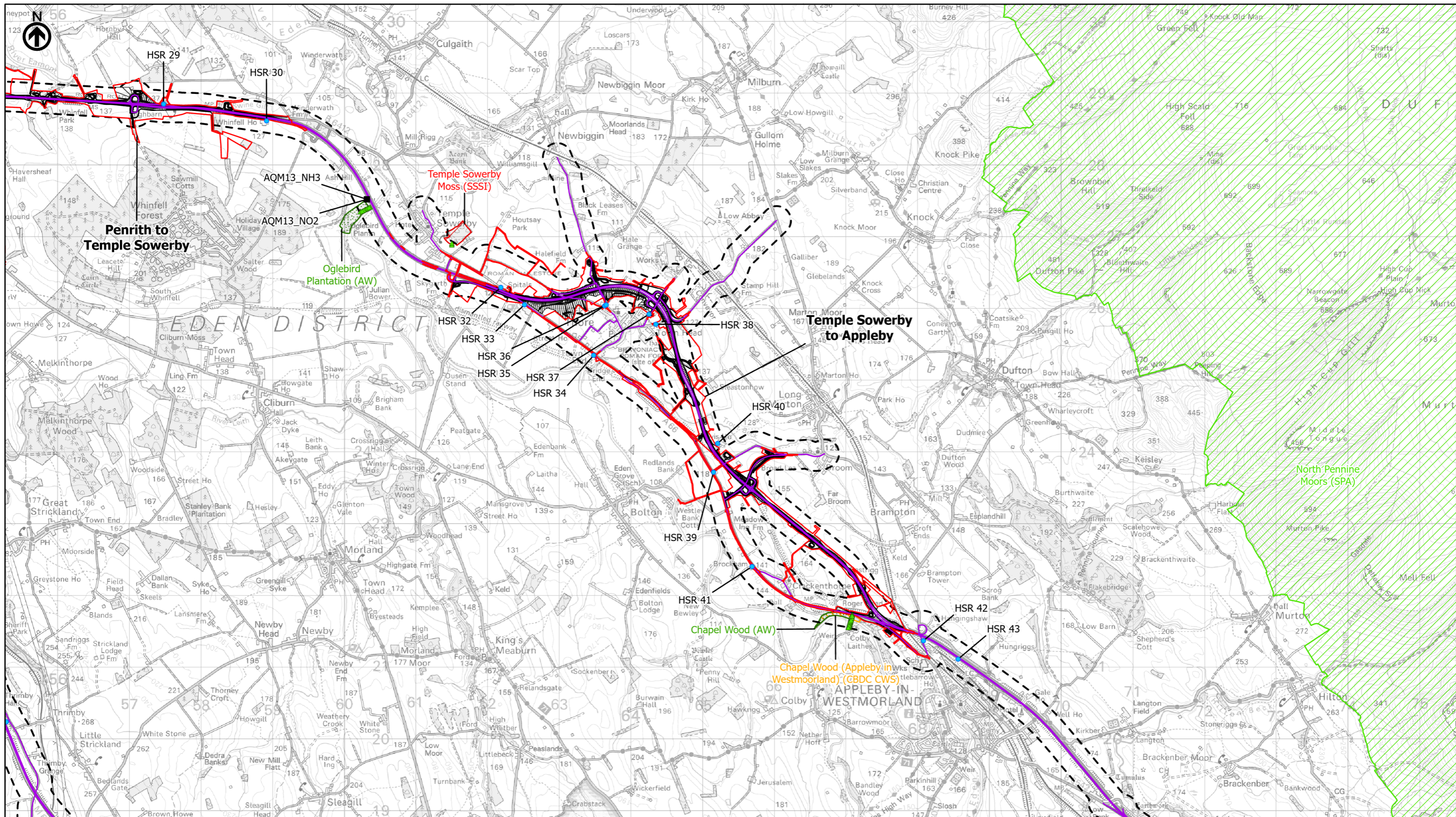
Map Title
Figure 5.1

Air Quality Study Area and Constraints

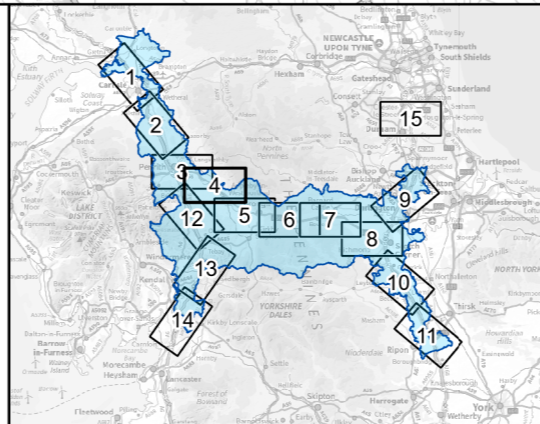
Sheet 3 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002015
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



<ul style="list-style-type: none"> Route Alignment Order Limits 200m Operational Air Quality Study Area Traffic Reliability Area (TRA) (shown on inset map) Air Quality Management Area (AQMA) Affected Road Network (ARN) 	<p>Designated Site</p> <ul style="list-style-type: none"> Special Protection Area (SPA) Special Area of Conservation (SAC) Site of Special Scientific Interest (SSSI) Nature Improvement Area Ancient Woodland (AW) County Wildlife Site (CWS) Local Wildlife Site (LWS) Ancient and Veteran Tree 	<p>Receptor</p> <ul style="list-style-type: none"> Human Sensitive Receptor (HSR) Designated Ecological Site Receptor Designated Ecological Site Receptor Transect
<p>Monitoring Location</p> <ul style="list-style-type: none"> Local Authority and National Highways Scheme Specific 		



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P02	First Issue	JKAR	PKEL	JLIN	AMIT	KWHA
		18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name
A66 Northern Trans-Pennine Project

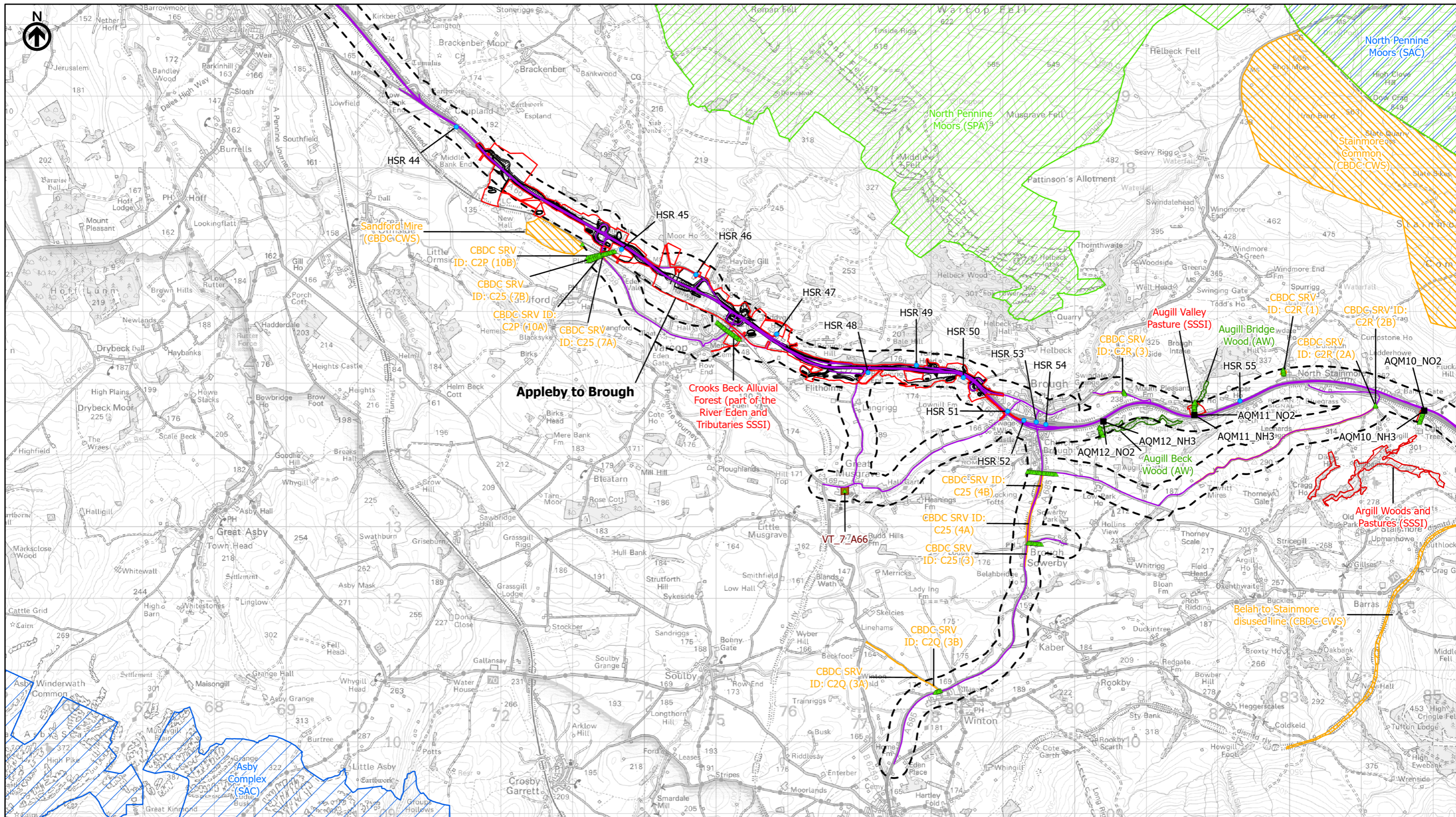
Map Title
Figure 5.1

Air Quality Study Area and Constraints

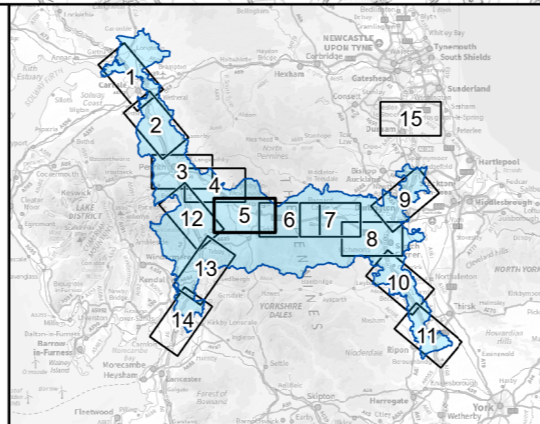
Sheet 4 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002016
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



<ul style="list-style-type: none"> Route Alignment Order Limits 200m Operational Air Quality Study Area Traffic Reliability Area (TRA) (shown on inset map) Air Quality Management Area (AQMA) Affected Road Network (ARN) 	Designated Site <ul style="list-style-type: none"> Special Protection Area (SPA) Special Area of Conservation (SAC) Site of Special Scientific Interest (SSSI) Nature Improvement Area Ancient Woodland (AW) County Wildlife Site (CWS) Local Wildlife Site (LWS) Ancient and Veteran Tree 	Receptor <ul style="list-style-type: none"> Human Sensitive Receptor (HSR) Designated Ecological Site Receptor Designated Ecological Site Receptor Transect
Monitoring Location <ul style="list-style-type: none"> Local Authority and National Highways Scheme Specific 		



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P03	Second Issue: Revised Order Limits				
	PKEL	CESL	JHOD	AWAR	KWHA
	19/04/23	19/04/23	19/04/23	16/05/23	16/05/23
Revision	Created	Checked	Reviewed	Approved	Authorised

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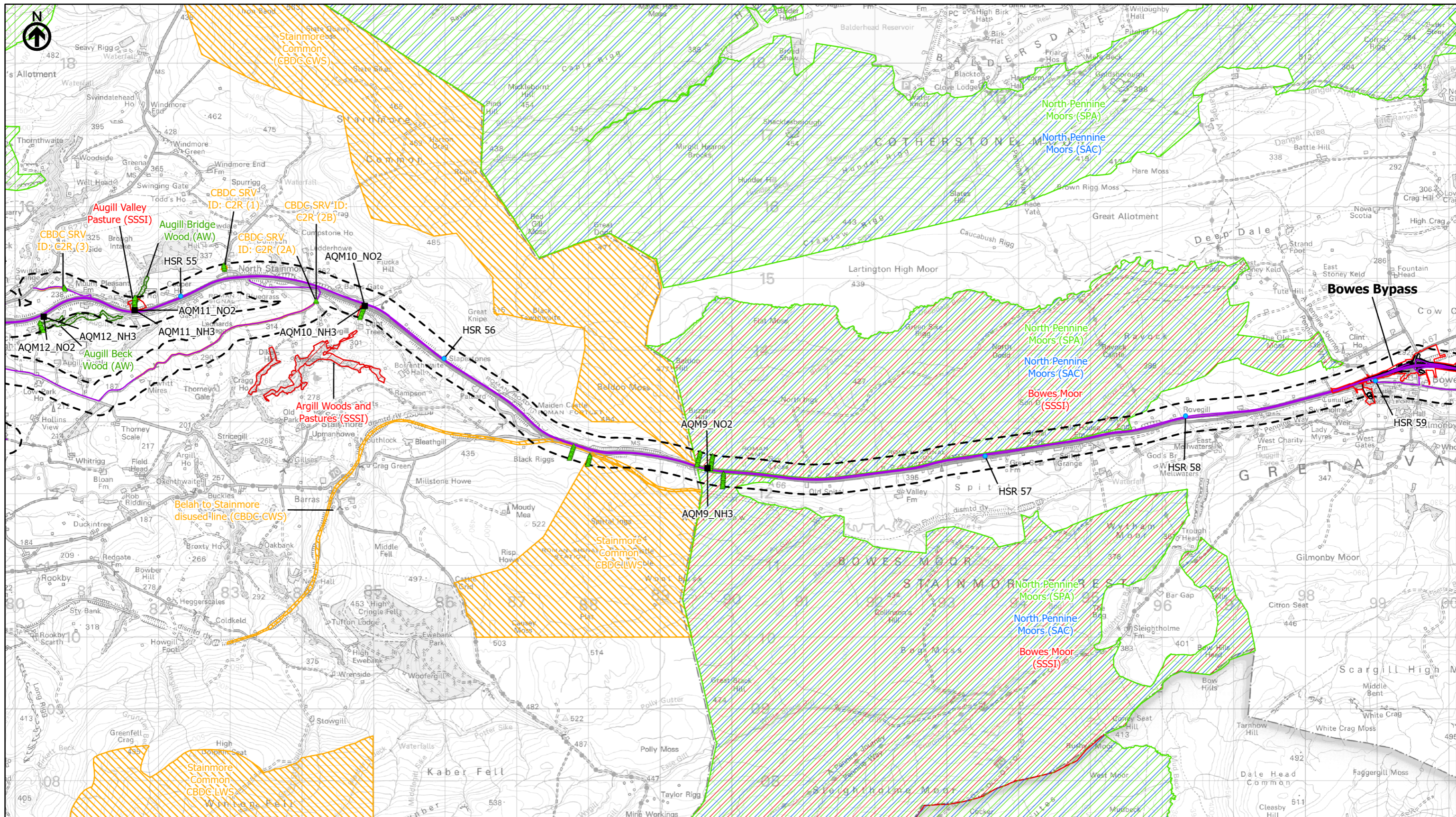
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.1

Air Quality Study Area and Constraints

Sheet 5 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002017
Location		Type	Role
Suitability	S4	Suitability Description	Revision
		FIT FOR STAGE APPROVAL	P03



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Monitoring Location

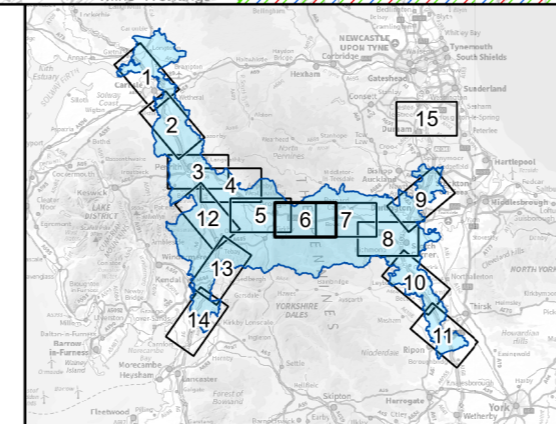
- Local Authority and National Highways
- Scheme Specific

Designated Site

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transect



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P02	First Issue	JBAR	PKEL	JLIN	AMIT	KWHA
		18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name
A66 Northern Trans-Pennine Project

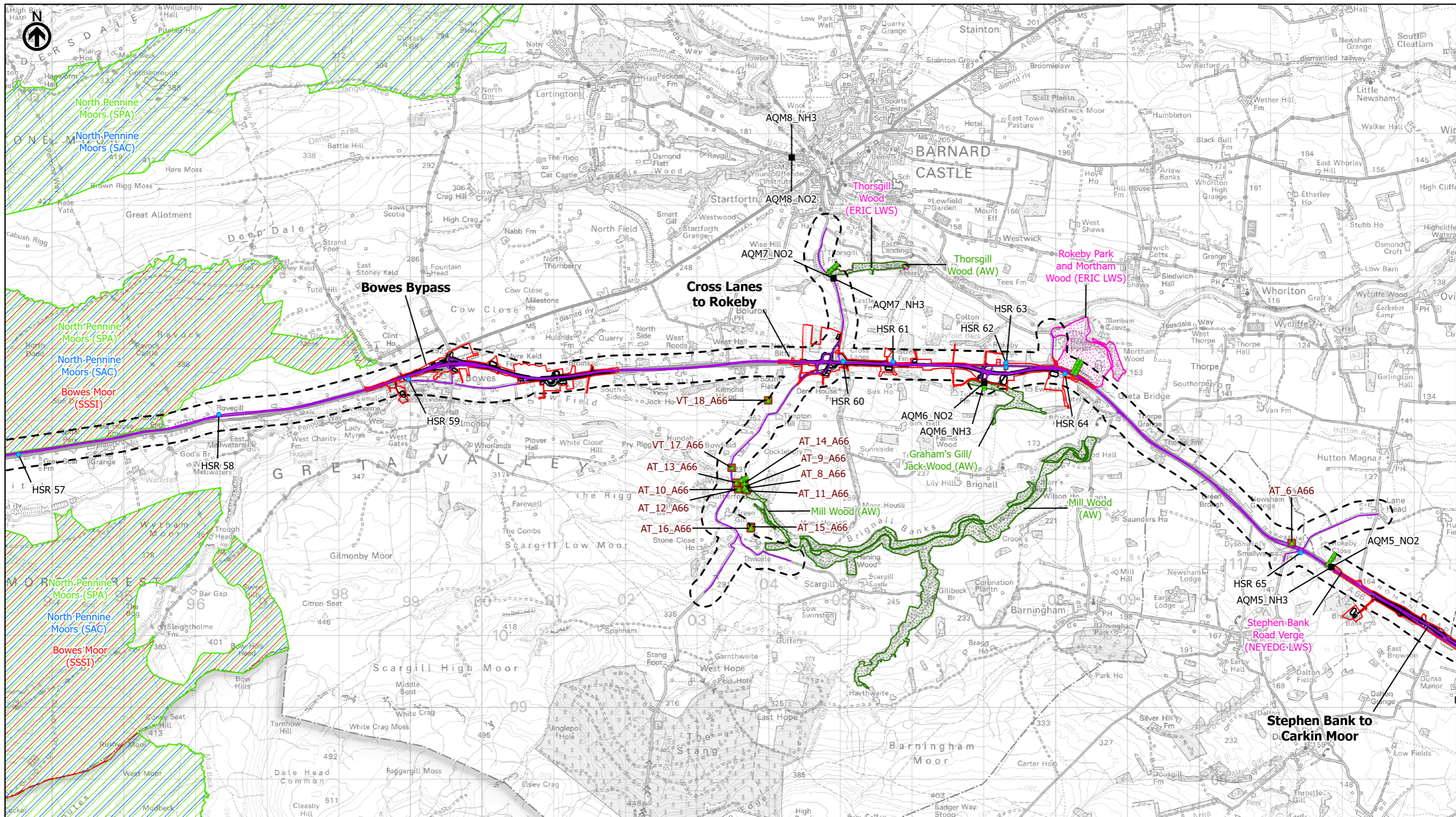
Map Title
Figure 5.1

Air Quality Study Area and Constraints

Sheet 6 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002018
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Monitoring Location

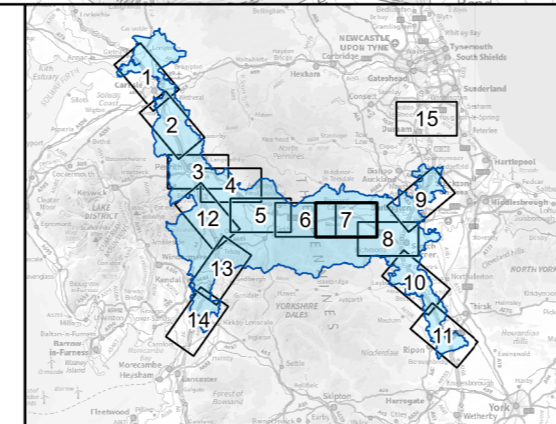
- Local Authority and National Highways
- Scheme Specific

Designated Site

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transect



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P02	First Issue	JBAR	PKEL	JLIN	AMIT	KWAH
		18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name
A66 Northern Trans-Pennine Project

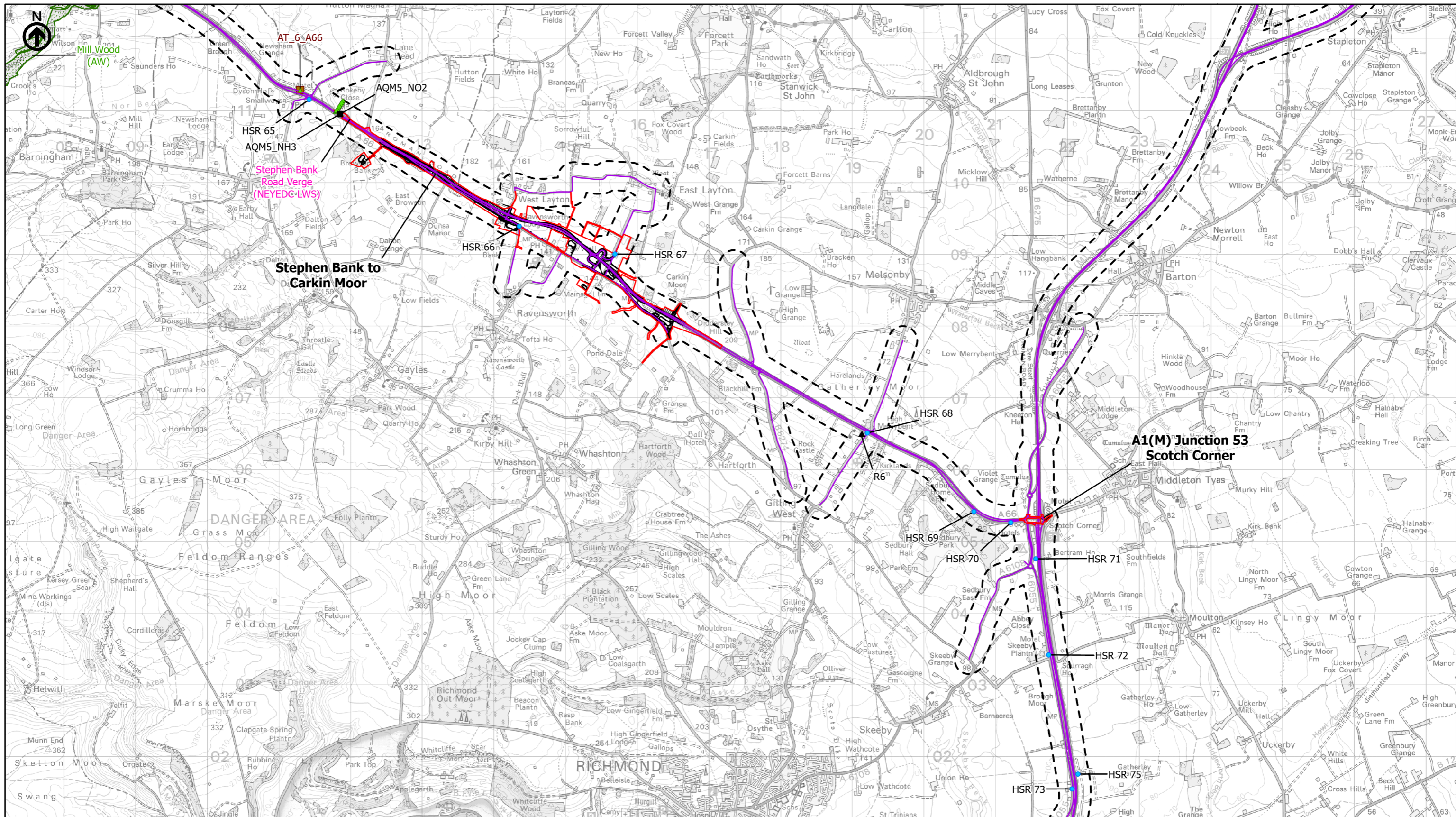
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Figure 5.1

Air Quality Study Area and Constraints

Sheet 7 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	Location	- MP - LA -	002019
		Type Role	Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Designated Site

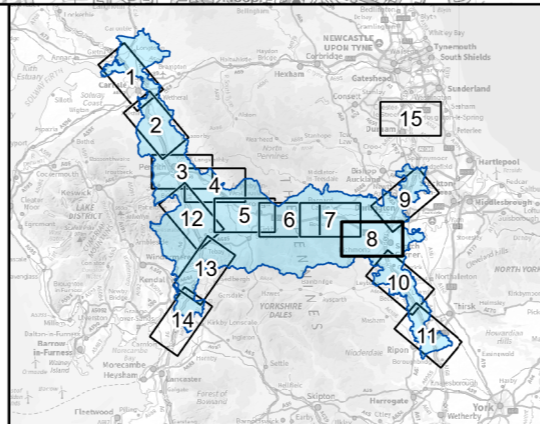
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transect

Monitoring Location

- Local Authority and National Highways
- Scheme Specific



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P02	First Issue				
	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name
A66 Northern Trans-Pennine Project

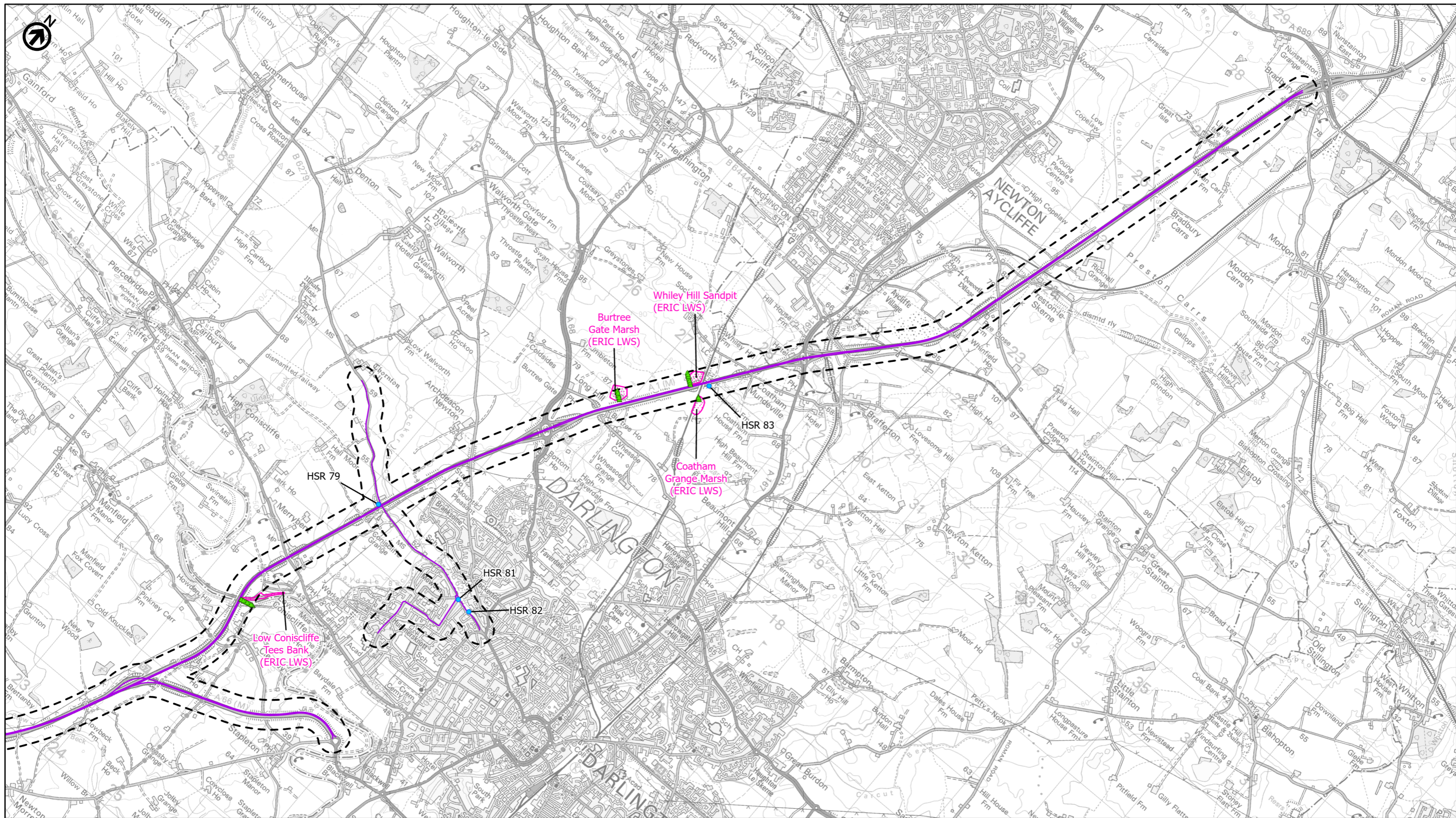
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Figure 5.1

Air Quality Study Area and Constraints

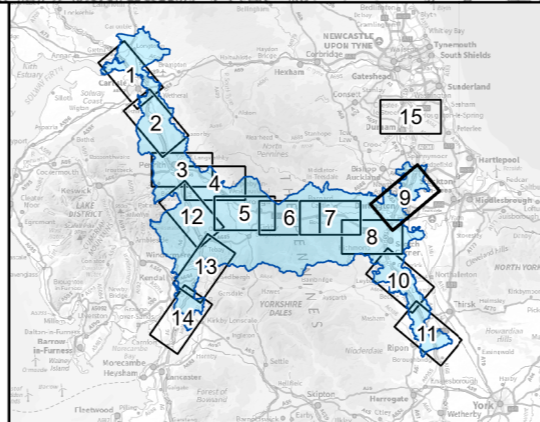
Sheet 8 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00		-	MP - LA - 002020
Location		Type	Role Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



<ul style="list-style-type: none"> Route Alignment Order Limits 200m Operational Air Quality Study Area Traffic Reliability Area (TRA) (shown on inset map) Air Quality Management Area (AQMA) Affected Road Network (ARN) 	Designated Site <ul style="list-style-type: none"> Special Protection Area (SPA) Special Area of Conservation (SAC) Site of Special Scientific Interest (SSSI) Nature Improvement Area Ancient Woodland (AW) County Wildlife Site (CWS) Local Wildlife Site (LWS) Ancient and Veteran Tree 	Receptor <ul style="list-style-type: none"> Human Sensitive Receptor (HSR) Designated Ecological Site Receptor Designated Ecological Site Receptor Transect
Monitoring Location <ul style="list-style-type: none"> Local Authority and National Highways Scheme Specific 		



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P02	First Issue				
	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

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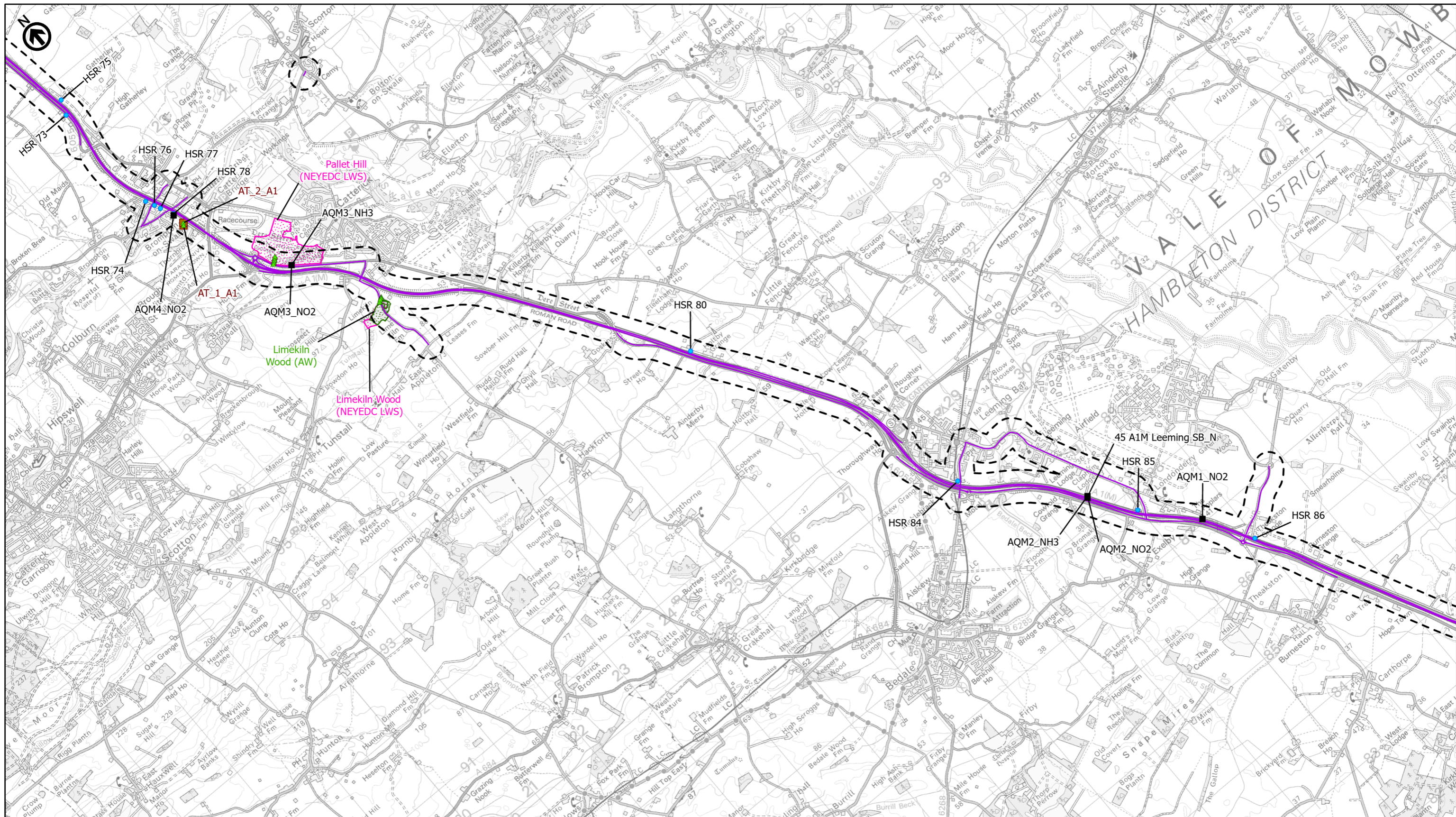
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.1

Air Quality Study Area and Constraints

Sheet 9 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002021
Location		Type	Role
Suitability	S4	Location Description	Revision
		FIT FOR STAGE APPROVAL	P02



Route Alignment

- Route Alignment
- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Designated Site

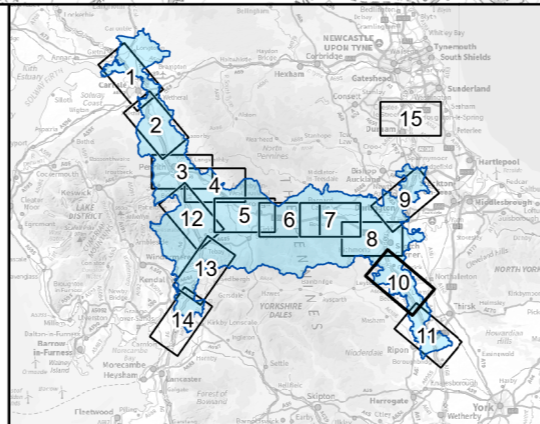
- Special Protection Area (SPA)
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- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Monitoring Location

- Local Authority and National Highways
- Scheme Specific

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
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P02	First Issue				
	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
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Project Name
A66 Northern Trans-Pennine Project

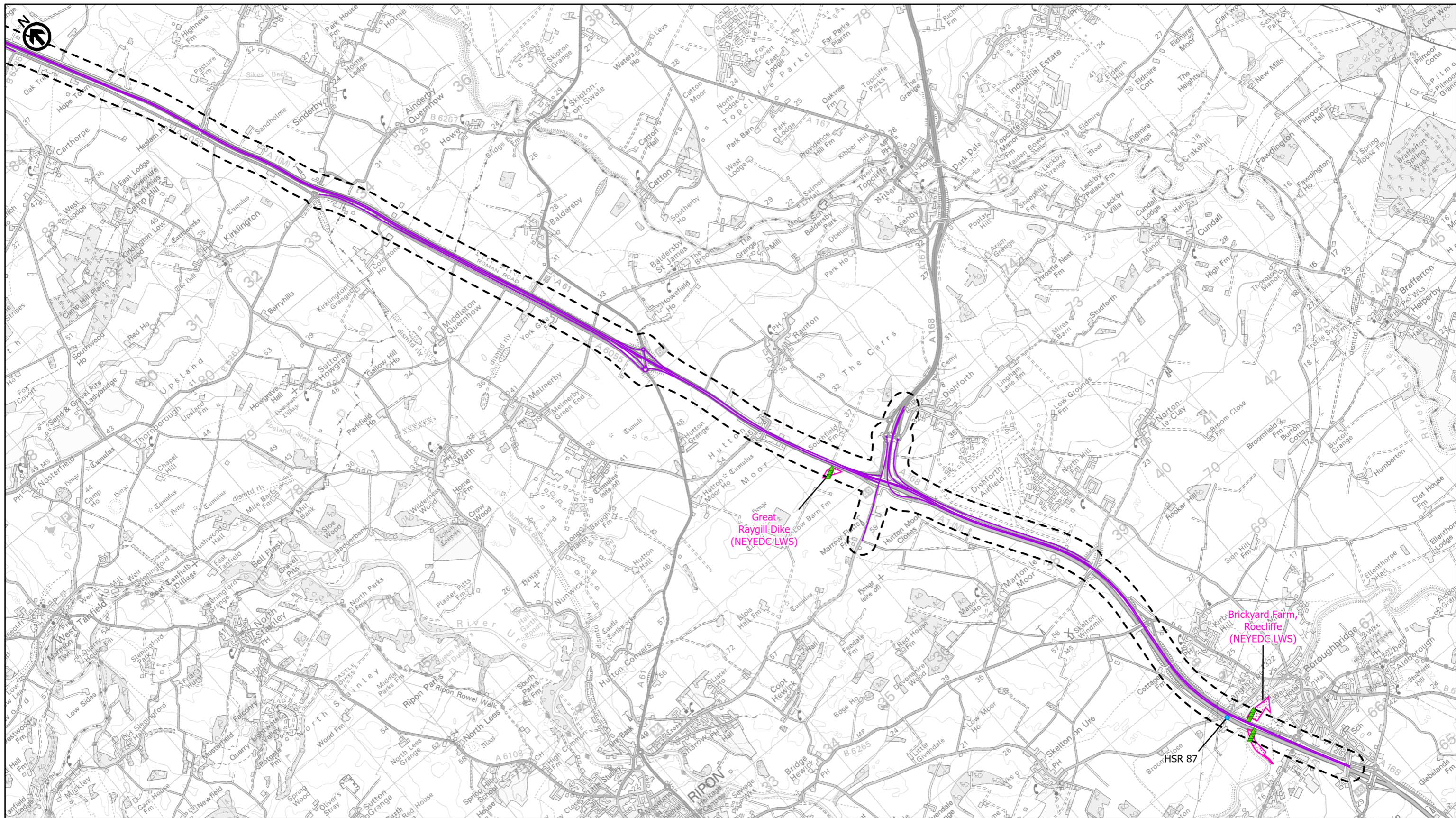
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Figure 5.1

Air Quality Study Area and Constraints

Sheet 10 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002022
Location	-	Type Role	Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
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- Affected Road Network (ARN)

Monitoring Location

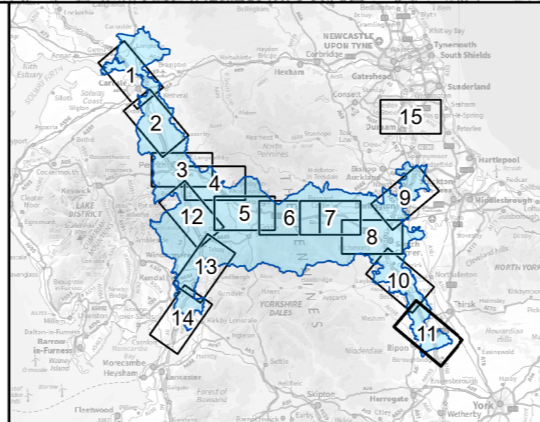
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Designated Site

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	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
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Project Name
A66 Northern Trans-Pennine Project

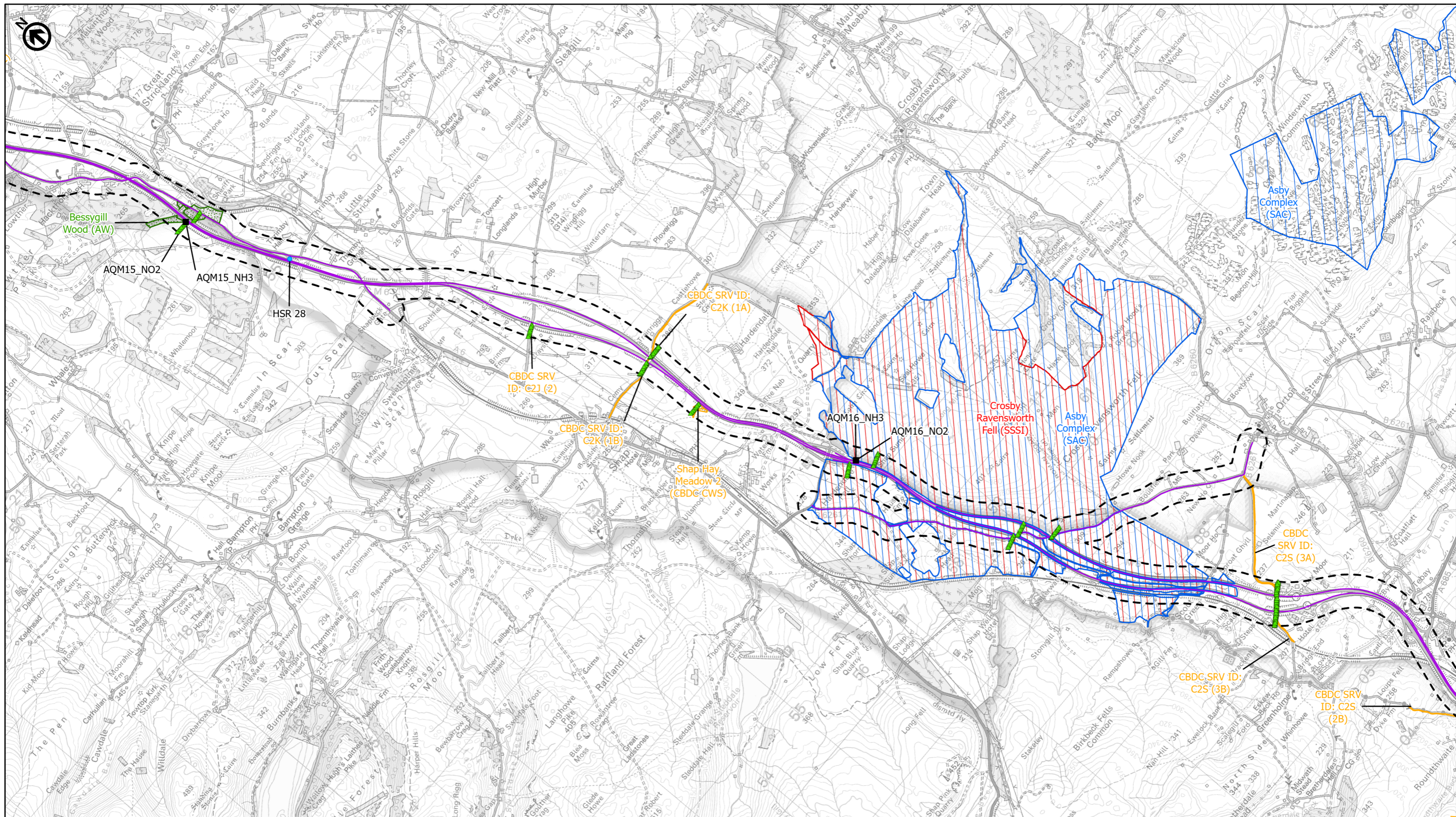
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Figure 5.1

Air Quality Study Area and Constraints

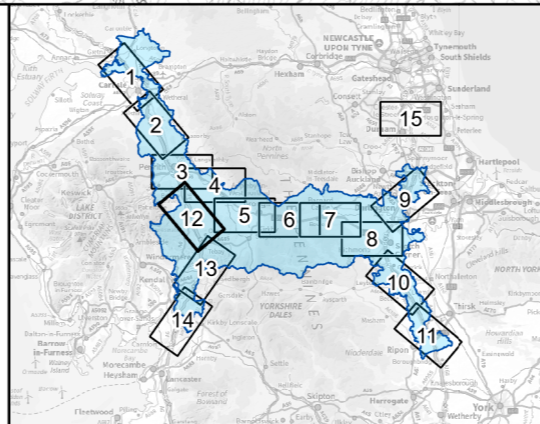
Sheet 11 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	00203
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



<ul style="list-style-type: none"> Route Alignment Order Limits 200m Operational Air Quality Study Area Traffic Reliability Area (TRA) (shown on inset map) Air Quality Management Area (AQMA) Affected Road Network (ARN) 	<p>Designated Site</p> <ul style="list-style-type: none"> Special Protection Area (SPA) Special Area of Conservation (SAC) Site of Special Scientific Interest (SSSI) Nature Improvement Area Ancient Woodland (AW) County Wildlife Site (CWS) Local Wildlife Site (LWS) Ancient and Veteran Tree 	<p>Receptor</p> <ul style="list-style-type: none"> Human Sensitive Receptor (HSR) Designated Ecological Site Receptor Designated Ecological Site Receptor Transect
<p>Monitoring Location</p> <ul style="list-style-type: none"> Local Authority and National Highways Scheme Specific 		



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	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

Scale @ A3: 1:50,000 | Project Ref No HE565627 | Stage: Stage 3

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Project Name
A66 Northern Trans-Pennine Project

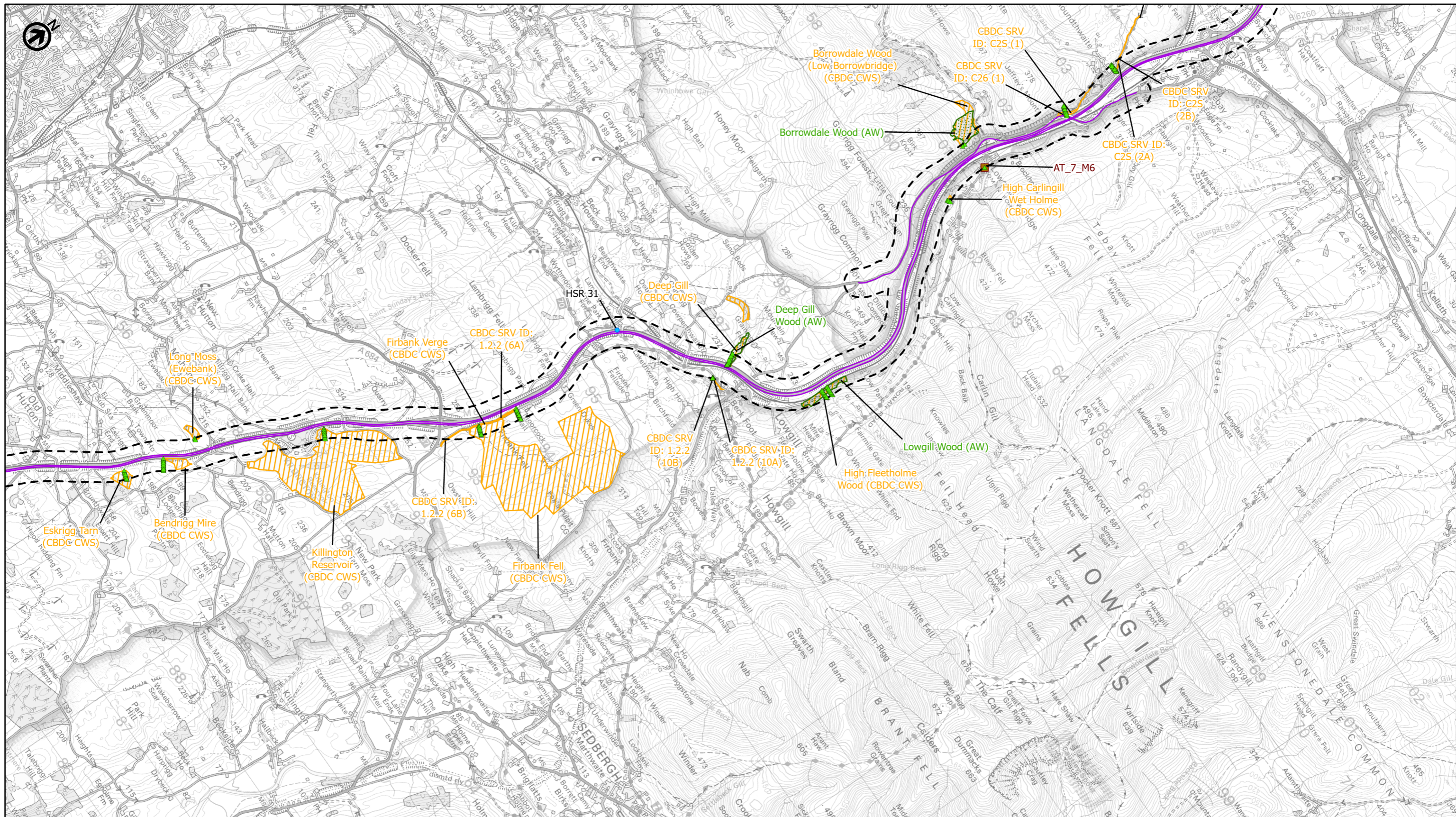
Map Title
Figure 5.1

Air Quality Study Area and Constraints

Sheet 12 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002024
Location		Type	Role
Suitability	S4	Location	Number
		Revision	
		P02	

Suitability Description
FIT FOR STAGE APPROVAL



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Designated Site

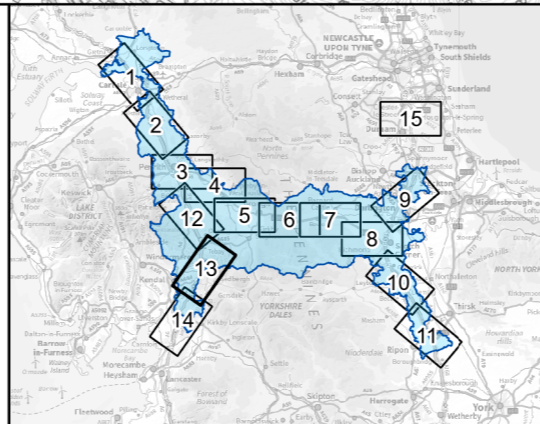
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transsect

Monitoring Location

- Local Authority and National Highways
- Scheme Specific



national highways

3 Piccadilly Place
Manchester
M1 3BN

P02	First Issue				
	JBAR	PKEL	JLIN	AMIT	KWHA
	18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

Kilometres

0 2 4

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Project Name
A66 Northern Trans-Pennine Project

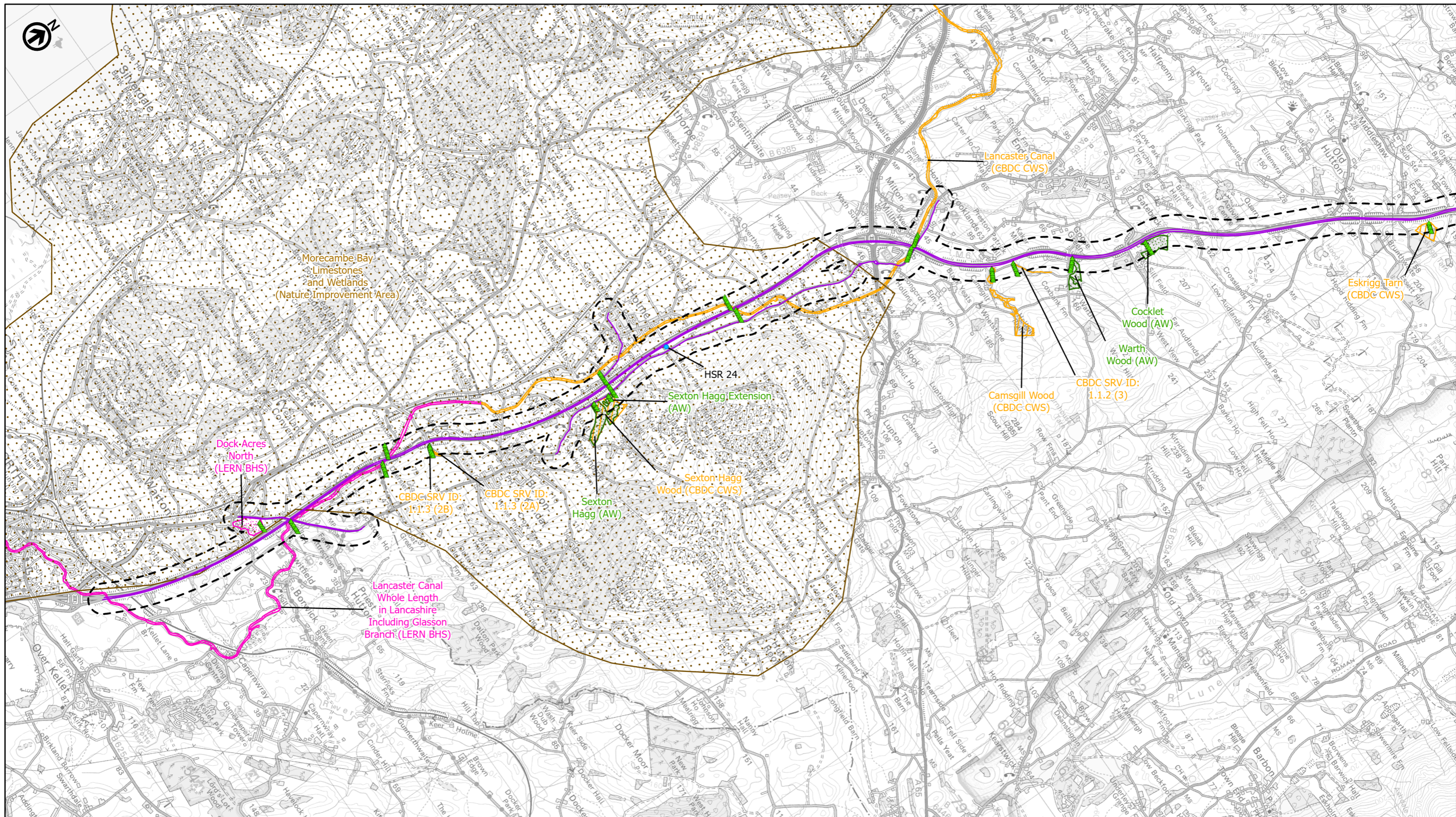
Map Title
Figure 5.1

Air Quality Study Area and Constraints

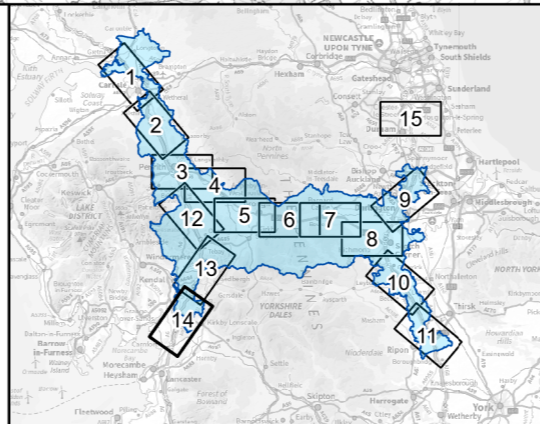
Sheet 13 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LA	-
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



<ul style="list-style-type: none"> Route Alignment Order Limits 200m Operational Air Quality Study Area Traffic Reliability Area (TRA) (shown on inset map) Air Quality Management Area (AQMA) Affected Road Network (ARN) 	Designated Site <ul style="list-style-type: none"> Special Protection Area (SPA) Special Area of Conservation (SAC) Site of Special Scientific Interest (SSSI) Nature Improvement Area Ancient Woodland (AW) County Wildlife Site (CWS) Local Wildlife Site (LWS) Ancient and Veteran Tree 	Receptor <ul style="list-style-type: none"> Human Sensitive Receptor (HSR) Designated Ecological Site Receptor Designated Ecological Site Receptor Transect
Monitoring Location <ul style="list-style-type: none"> Local Authority and National Highways Scheme Specific 		



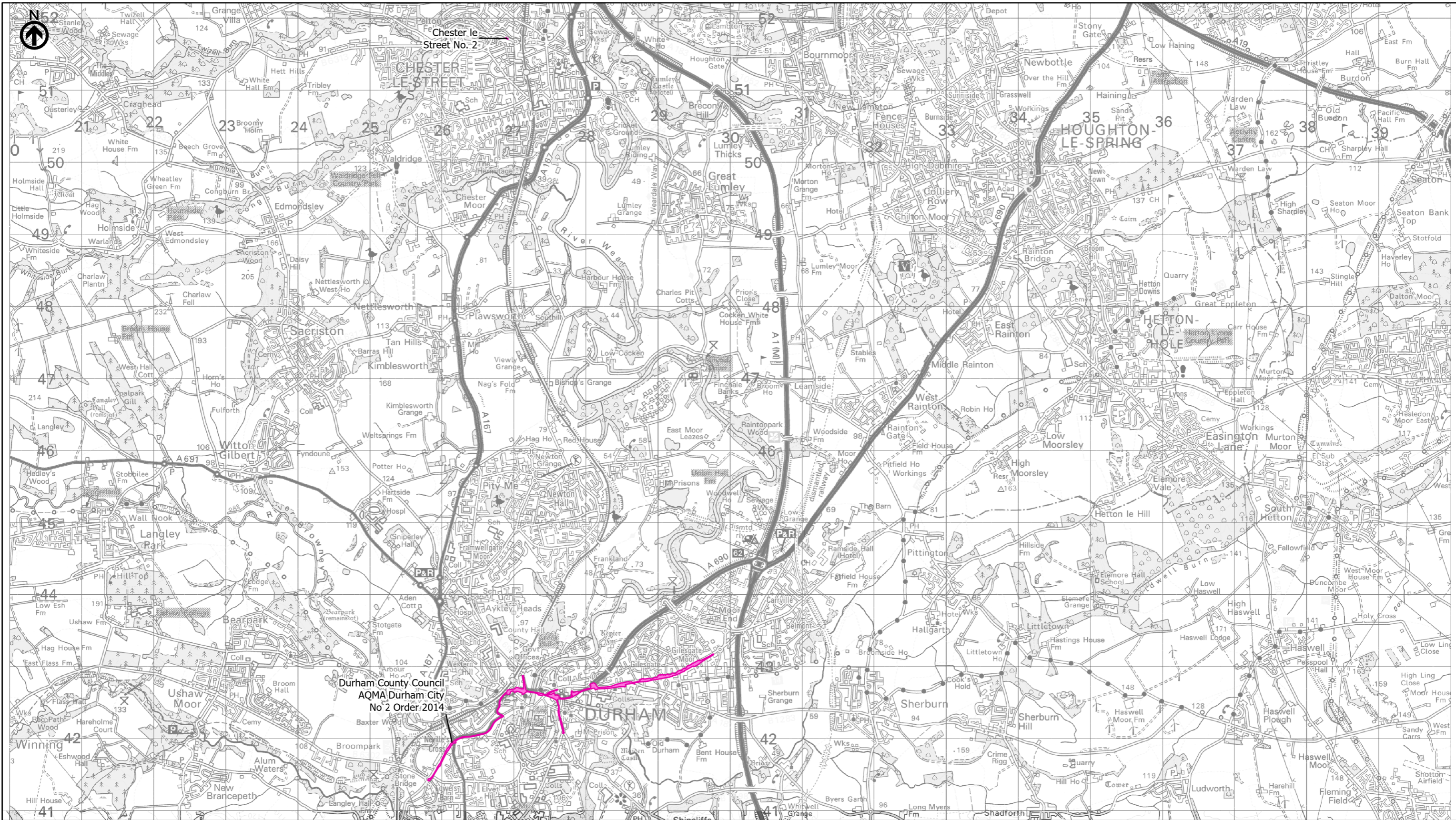
national highways 3 Piccadilly Place Manchester M1 3BN

P02	First Issue	JBAR	PKEL	JLIN	AMIT	KWHA
		18/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 5.1			
Air Quality Study Area and Constraints			
Sheet 14 of 15			
Map Number Project	Originator	Volume	
HE565627	AMY	EAQ	
S00 Location	MP - LA	002026	
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P02	



Route Alignment

- Order Limits
- 200m Operational Air Quality Study Area
- Traffic Reliability Area (TRA) (shown on inset map)
- Air Quality Management Area (AQMA)
- Affected Road Network (ARN)

Monitoring Location

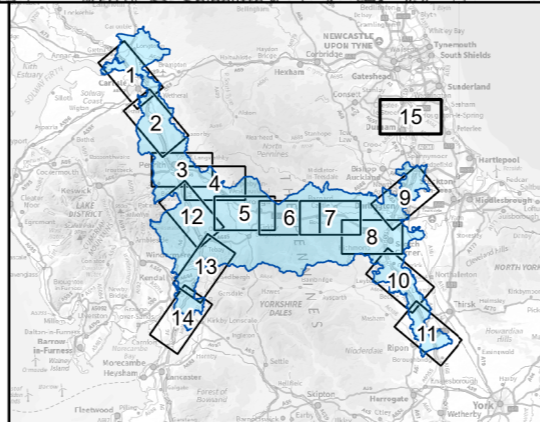
- Local Authority and National Highways
- Scheme Specific

Designated Site

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Nature Improvement Area
- Ancient Woodland (AW)
- County Wildlife Site (CWS)
- Local Wildlife Site (LWS)
- Ancient and Veteran Tree

Receptor

- Human Sensitive Receptor (HSR)
- Designated Ecological Site Receptor
- Designated Ecological Site Receptor Transect



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P02	First Issue	JBAR	PKEL	JLIN	AMIT	KWHA
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Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.1

Air Quality Study Area and Constraints

Sheet 15 of 15

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002027
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02