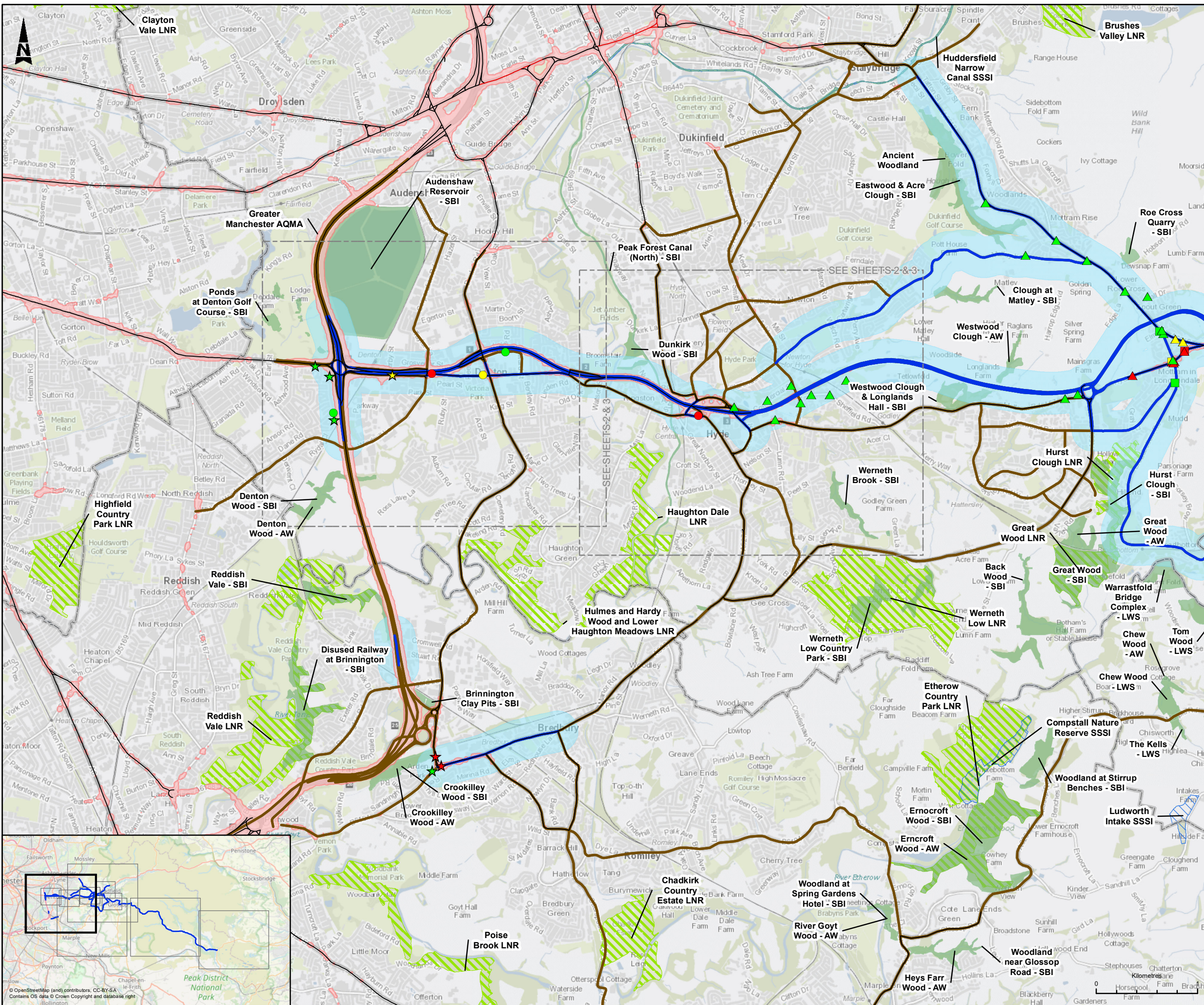


**A57 Link Roads
TR010034**

**6.4 Environmental Statement
Figure 5.1 Air Quality Constraints Map**

APFP Regulation 5(2)(a)

Planning Act 2008 Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
DCO SUBMISSION	A4	P02	02/06/21
DCO SUBMISSION	SD	MDL/SR	LY
DCO SUBMISSION			MR

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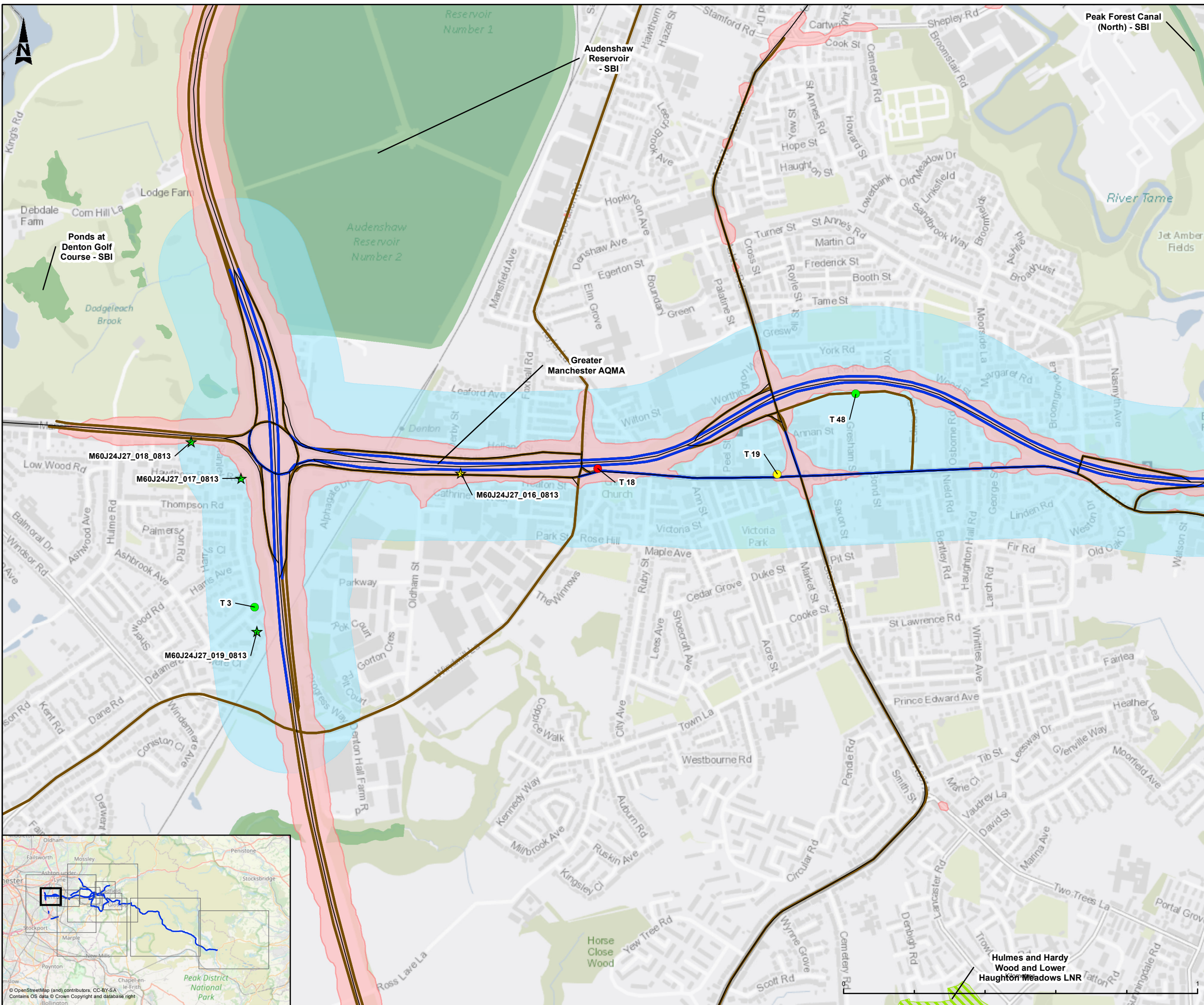
A57 LINK ROADS

FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 1 OF 10

TR010034/APP/6.4

Drawing Number	HE551473	Originator	BBA	Volume	EGN
Scheme	A57_AL_SCHEME	DR	LE	060411	
Location		Type		Rev	
Scale	1:35,000	Original Size	A3	Rev	P02

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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
DCO SUBMISSION	A4	P02	02/06/21
Drawn	SD	Checked MDL/SR	Reviewed LY
Authorised	MR		
Drawing Suitability	DCO SUBMISSION		
Status	A4		

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Scheme Name: **A57 LINK ROADS**

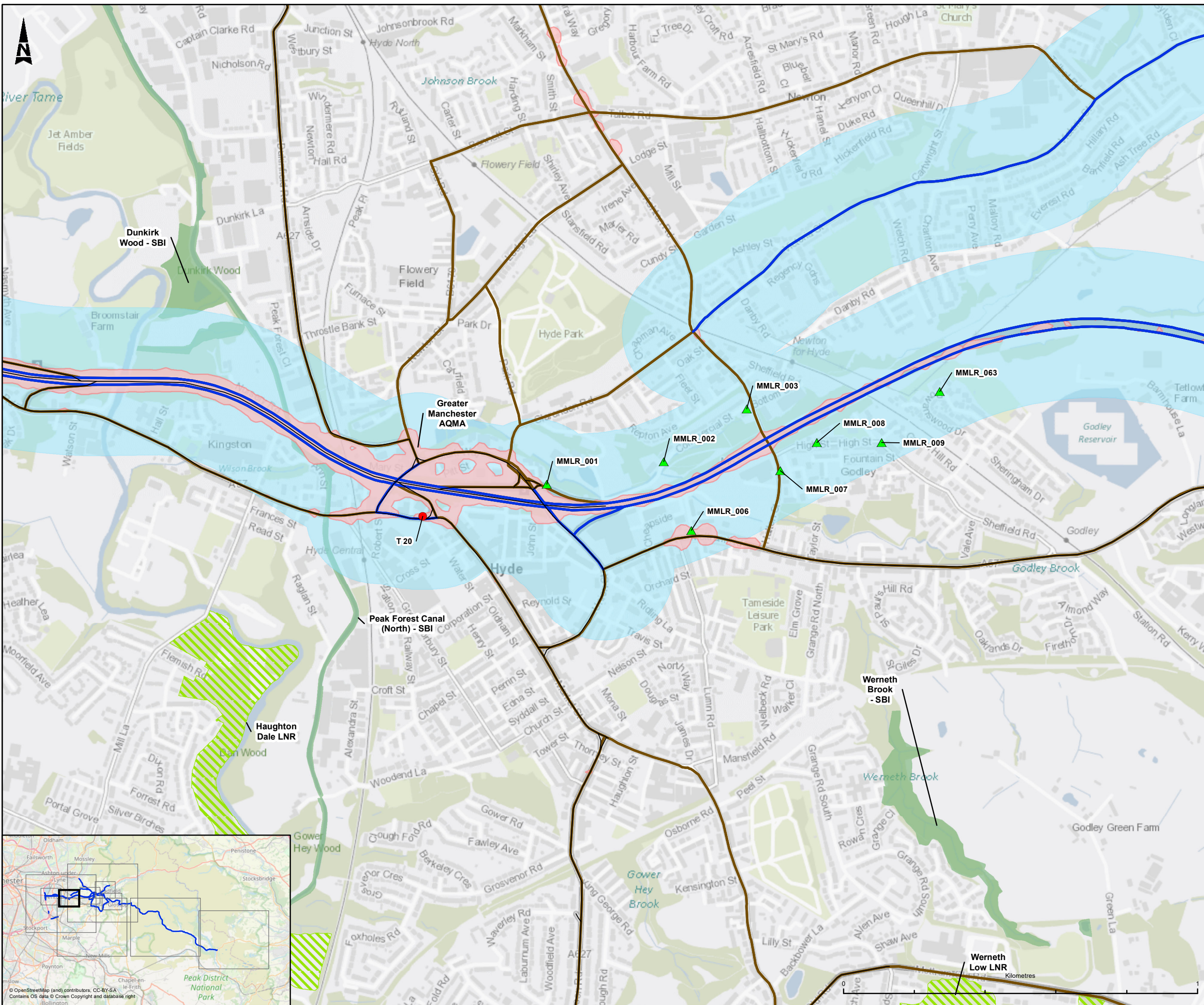
Drawing Title: **FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 2 OF 10**

PINS Ref. No.: **TR010034/APP/6.4**

Drawing Number	HE551473 - BBA - EGN - A57_AL_SCHEME - DR - LE - 060411
Location	
Scale	1:10,000
Original Size	A3
Rev.	P02



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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <=40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
Description	Status	Revision	Issue Date
Description	Status	Revision	Issue Date
Description	Status	Revision	Issue Date
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Drawn	SD	Checked	MDL/SR
Reviewed	LY	Authorised	MR
Drawing Suitability	DCO SUBMISSION		
Status	A4		

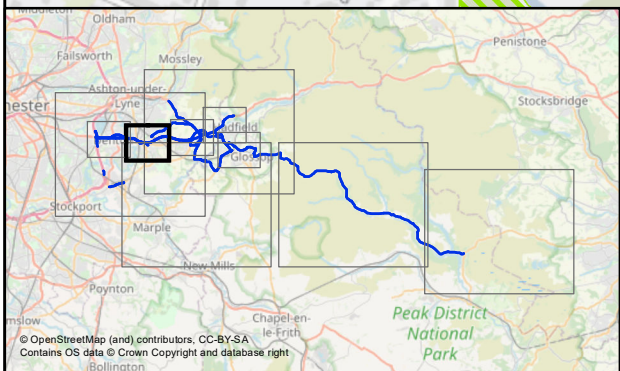
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Scheme Name: A57 LINK ROADS

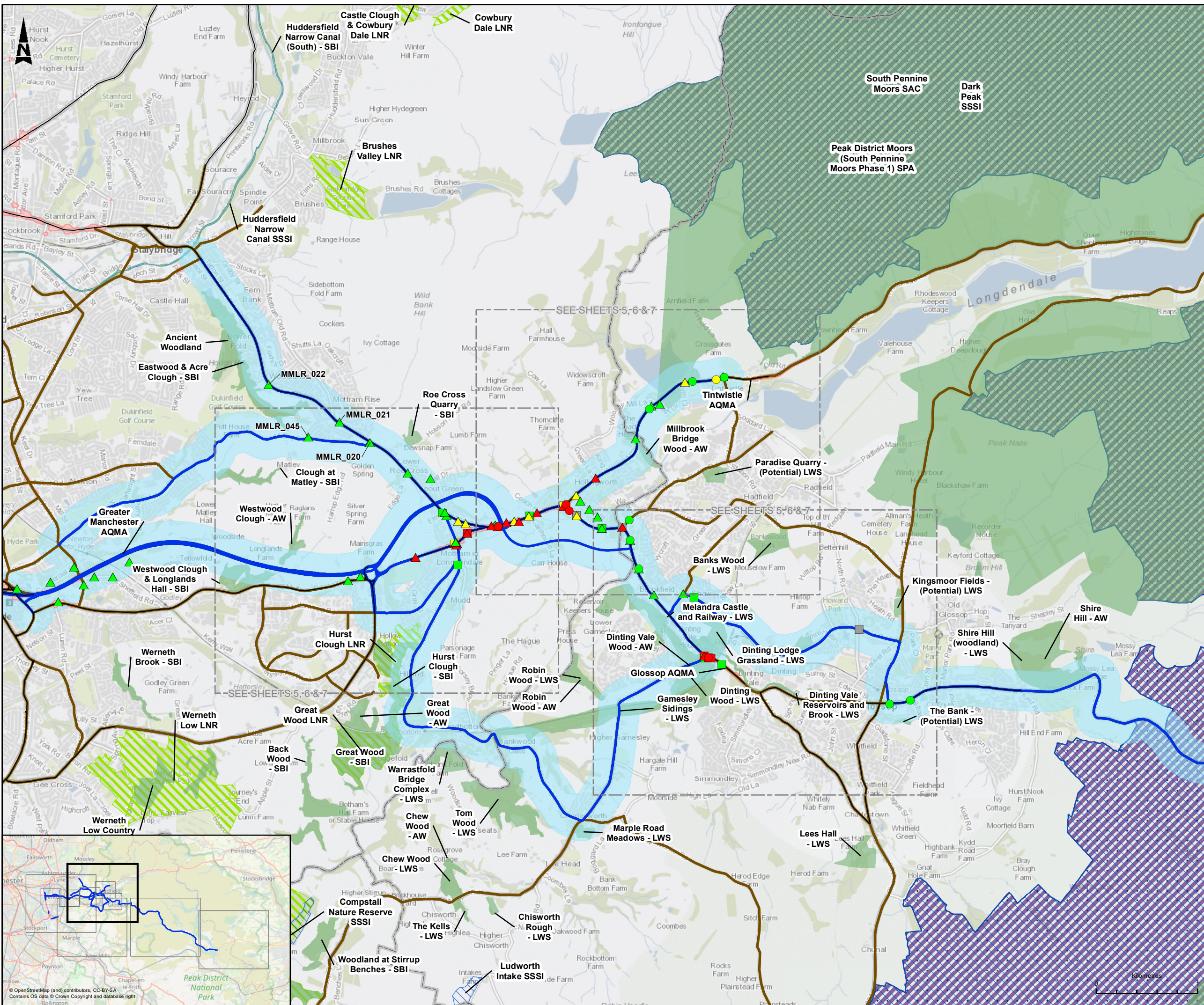
Drawing Title: FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 3 OF 10

PINS Ref. No.: TR010034/APP/6.4

Drawing Number	Originator	Volume
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A57_AL_SCHEME	DR	LE - 060411
Location	Type	Role
		Number
Scale	1:10,000	Original Size
	A3	Rev:
		P02



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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
DCO SUBMISSION	A4	P02	02/06/21
Drawn	SD	Checked MDL/SR	Reviewed LY
Authorised	MR		
Drawing Suitability	DCO SUBMISSION		A4

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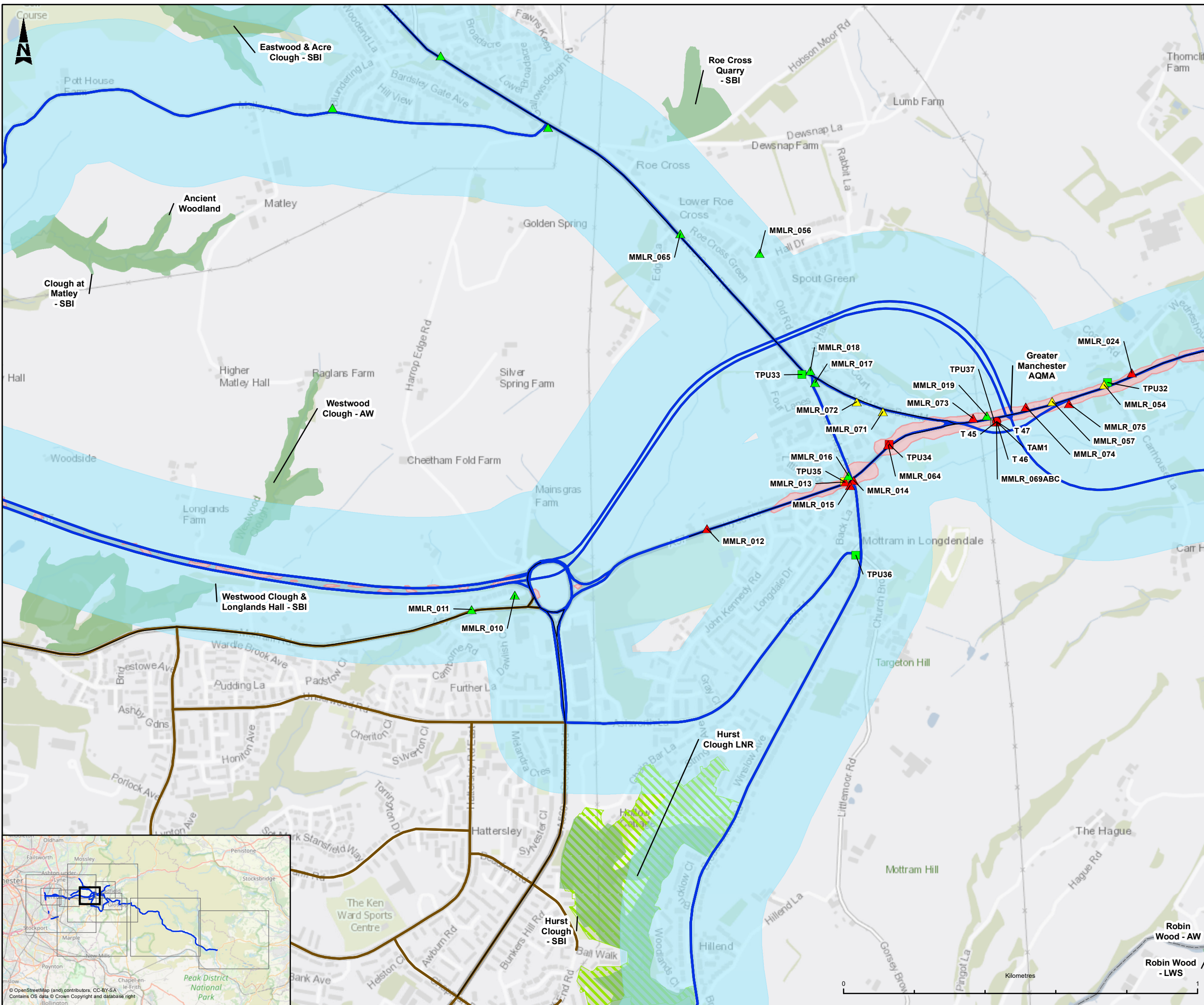
Scheme Name: A57 LINK ROADS

Drawing Title: FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 4 OF 10

PNS Ref. No: TR010034/APP/6.4

Drawing Number	HE551473 - BBA - EGN - A57_AL_SCHEME - DR - LE - 060411
Location	
Scale	1:35,000
Original Size	A3
Rev	P02

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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description			
Status	Revision	Issue Date	
Description			
Status	Revision	Issue Date	
Description			
Status	Revision	Issue Date	
Description	DCO SUBMISSION		
Status	A4	Revision P02	Issue Date 02/06/21
Drawn	SD	Checked MDL/SR	Reviewed LY
Authorised	MR		
Drawing Suitability	DCO SUBMISSION		Status A4

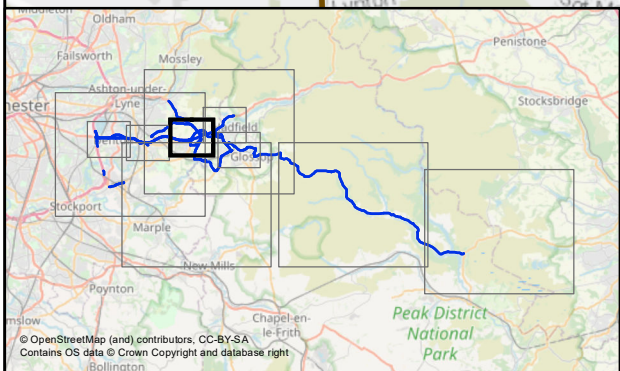
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Scheme Name: A57 LINK ROADS

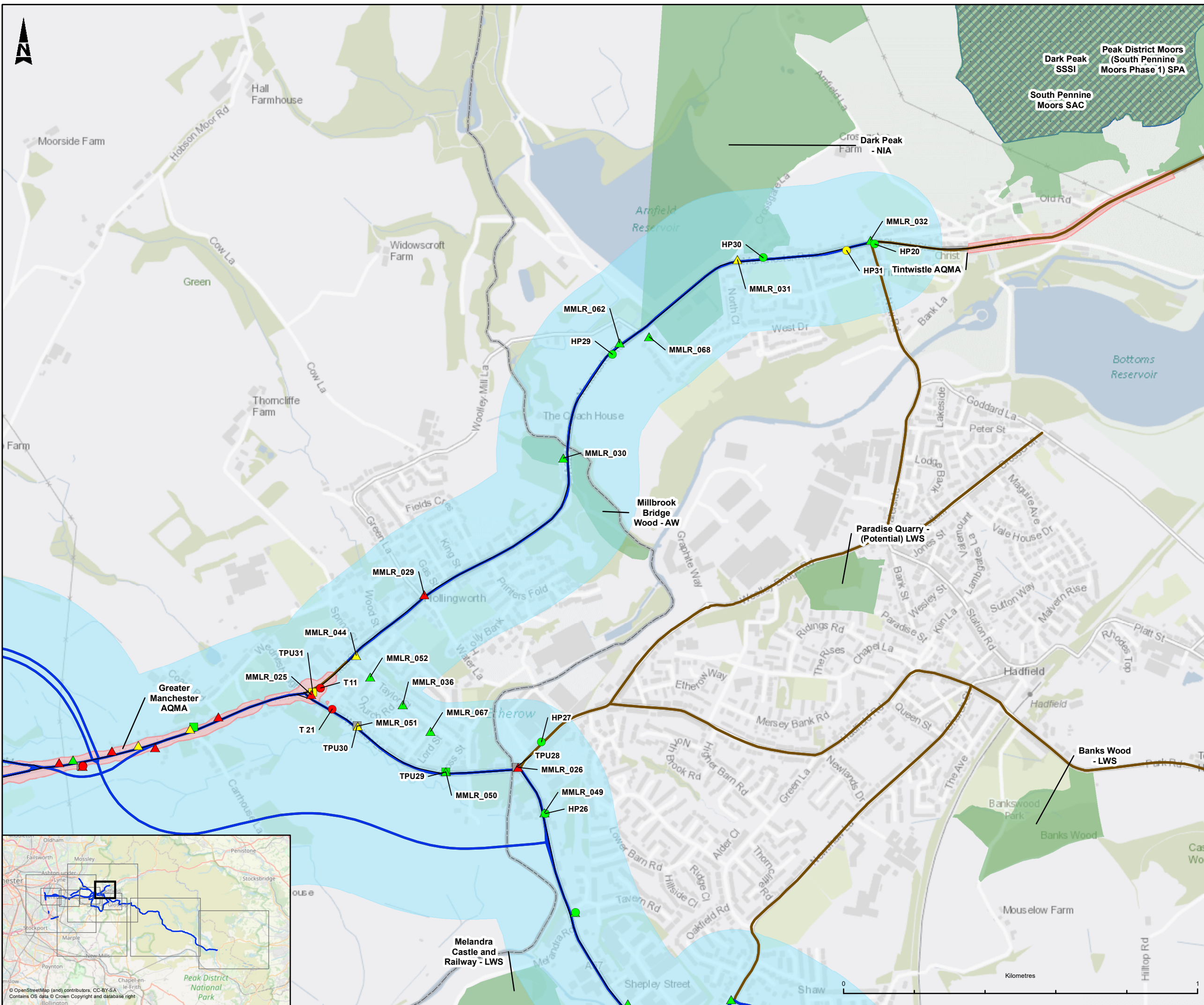
Drawing Title: FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 5 OF 10

PINS Ref. No: TR010034/APP/6.4

Drawing Number	Originator	Volume
HE551473	BBA	EGN
A57_AL_SCHEME	DR	LE
		060411
Location	Type	Role
		Number
Scale	Original Size	Rev
1:10,000	A3	P02



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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- $\leq 40 \mu\text{g}/\text{m}^3$
- $> 40 \mu\text{g}/\text{m}^3$

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- $< 36 \mu\text{g}/\text{m}^3$
- $36 \text{ to } 40 \mu\text{g}/\text{m}^3$
- $> 40 \mu\text{g}/\text{m}^3$
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
Description	Status	Revision	Issue Date
Description	Status	Revision	Issue Date
Description	Status	Revision	Issue Date
Description	A4	P02	02/06/21
Drawn	SD	Checked	MDL/SR
Reviewed	LY	Authorised	MR
Drawing Suitability	DCO SUBMISSION		
Status	A4		

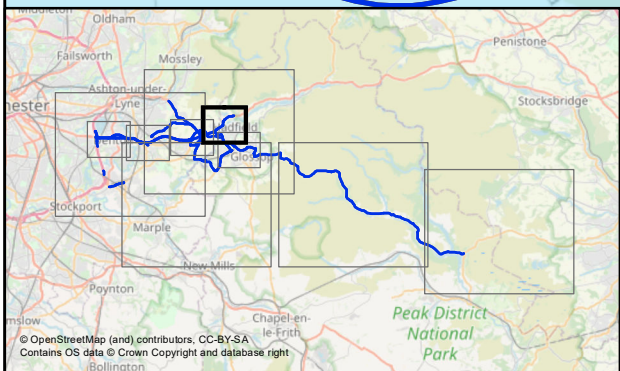
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Scheme Name: A57 LINK ROADS

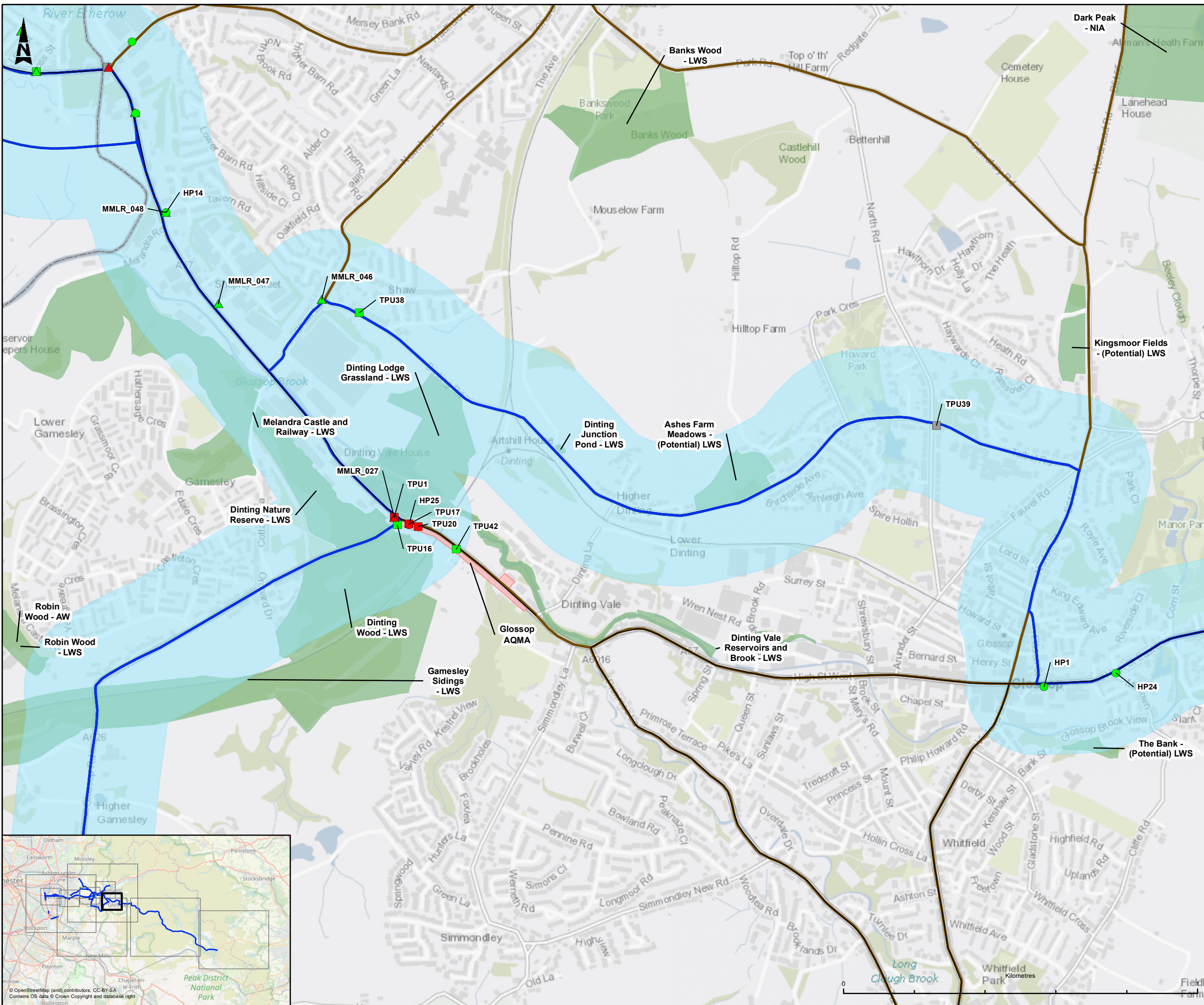
Drawing Title: FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 6 OF 10

PINS Ref. No.: TR010034/APP/6.4

Drawing Number	Originator	Volume
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A57_AL_SCHEME	DR	LE - 060411
Location	Type	Role
Scale	1:10,000	Original Size
Number	A3	Rev
		P02



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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
DCO SUBMISSION	A4	P02	02/06/21
Drawn	Checked	Reviewed	Authorised
SD	MDL/SR	LY	MR
Drawing Suitability	Status		
DCO SUBMISSION	A4		

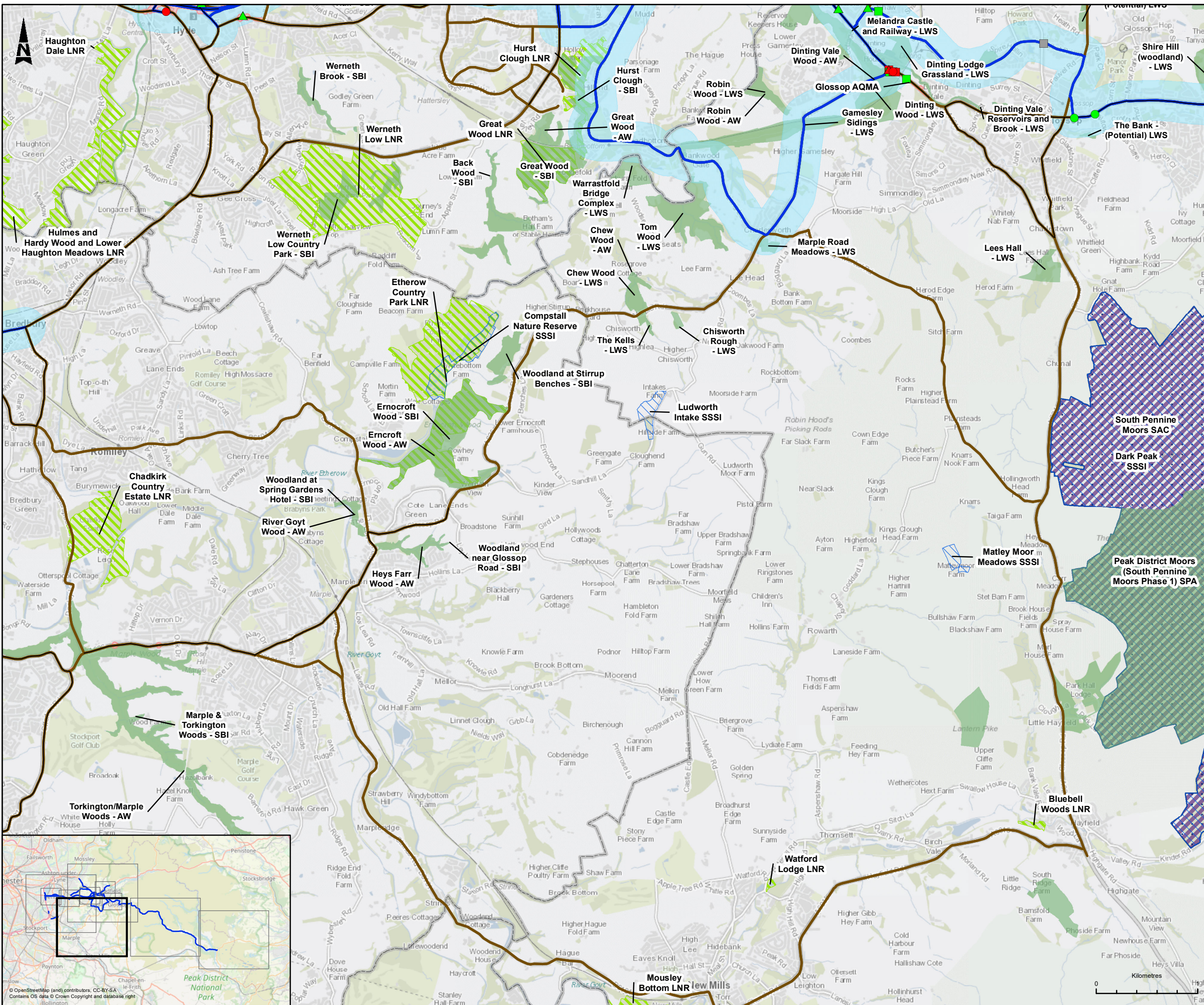
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Scheme Name: A57 LINK ROADS

Drawing Title: FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 7 OF 10

PINS Ref. No.: TR010034/APP/6.4

Drawing Number	Originator	Volume
HE551473 - BBA - EGN -	A57_AL_SCHEME - DR - LE -	060411
Location	Type	Role
		Number
Scale	Original Size	Rev
1:10,000	A3	P02



LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description	Status	Revision	Issue Date
DCO SUBMISSION	A4	P02	02/06/21
Drawn	Checked	Reviewed	Authorised
SD	MDL/SR	LY	MR
Drawing Suitability	Status		
DCO SUBMISSION	A4		

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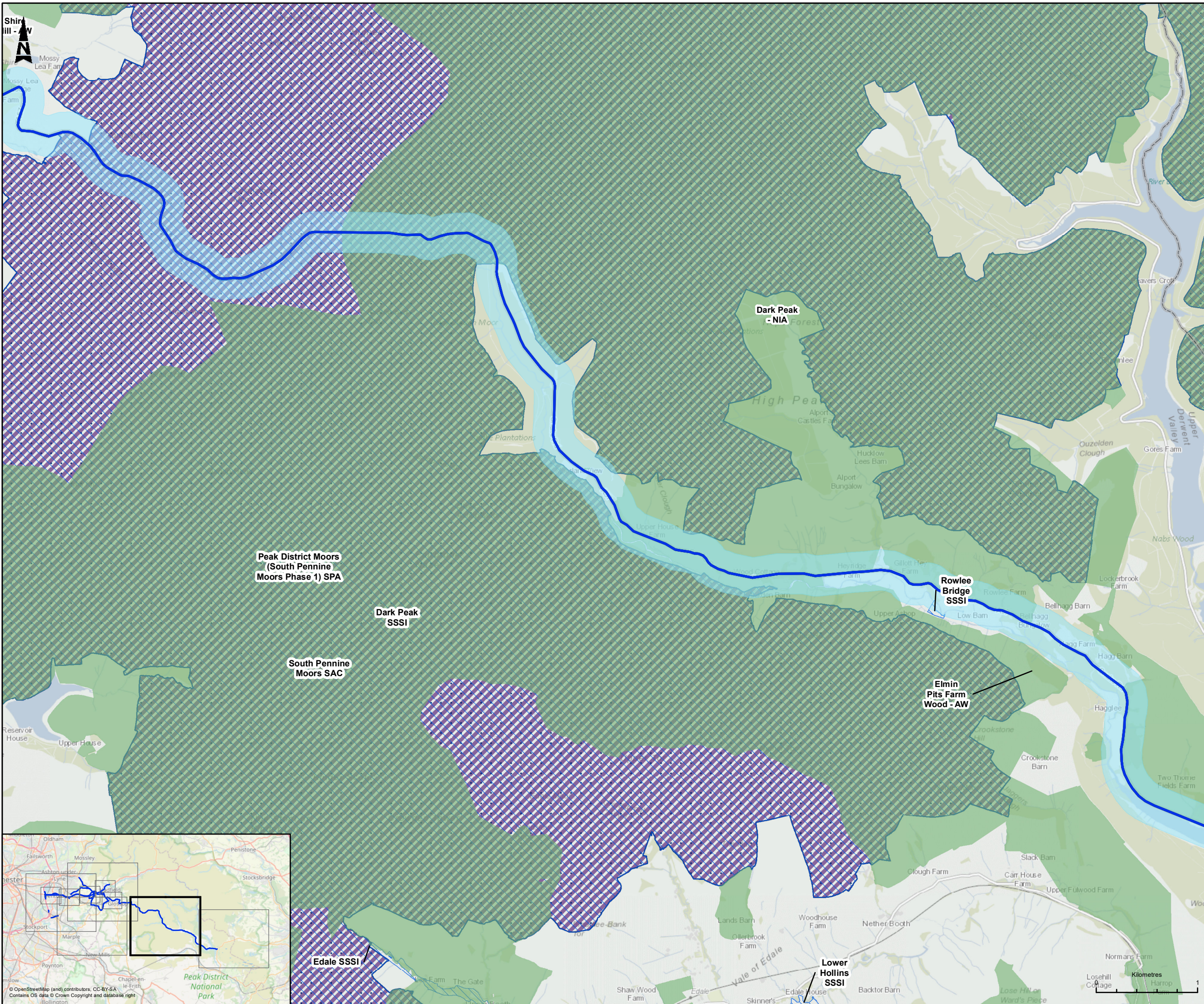
Scheme Name: **A57 LINK ROADS**

Drawing Title: **FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 8 OF 10**

PINS Ref. No: **TR010034/APP/6.4**

Drawing Number	Originator	Volume
HE551473	BBA	EGN
A57_AL_SCHEME	DR	LE
Location	Type	Number
		060411
Scale	Original Size	Rev
1:35,000	A3	P02

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LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <=40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE TPU SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)

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Description			
Status	Revision	Issue Date	
Description			
Status	Revision	Issue Date	
Description			
Status	Revision	Issue Date	
Description	DCO SUBMISSION		
Status	A4	Revision P02	Issue Date 02/06/21
Drawn	SD	Checked MDL/SR	Reviewed LY
Authorised	MR		Status
Drawing Suitability	DCO SUBMISSION		A4

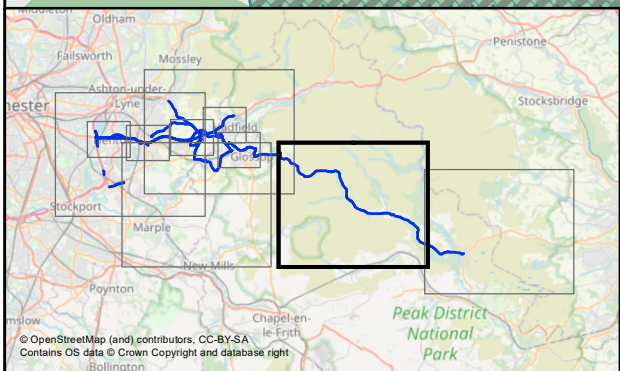
highways england

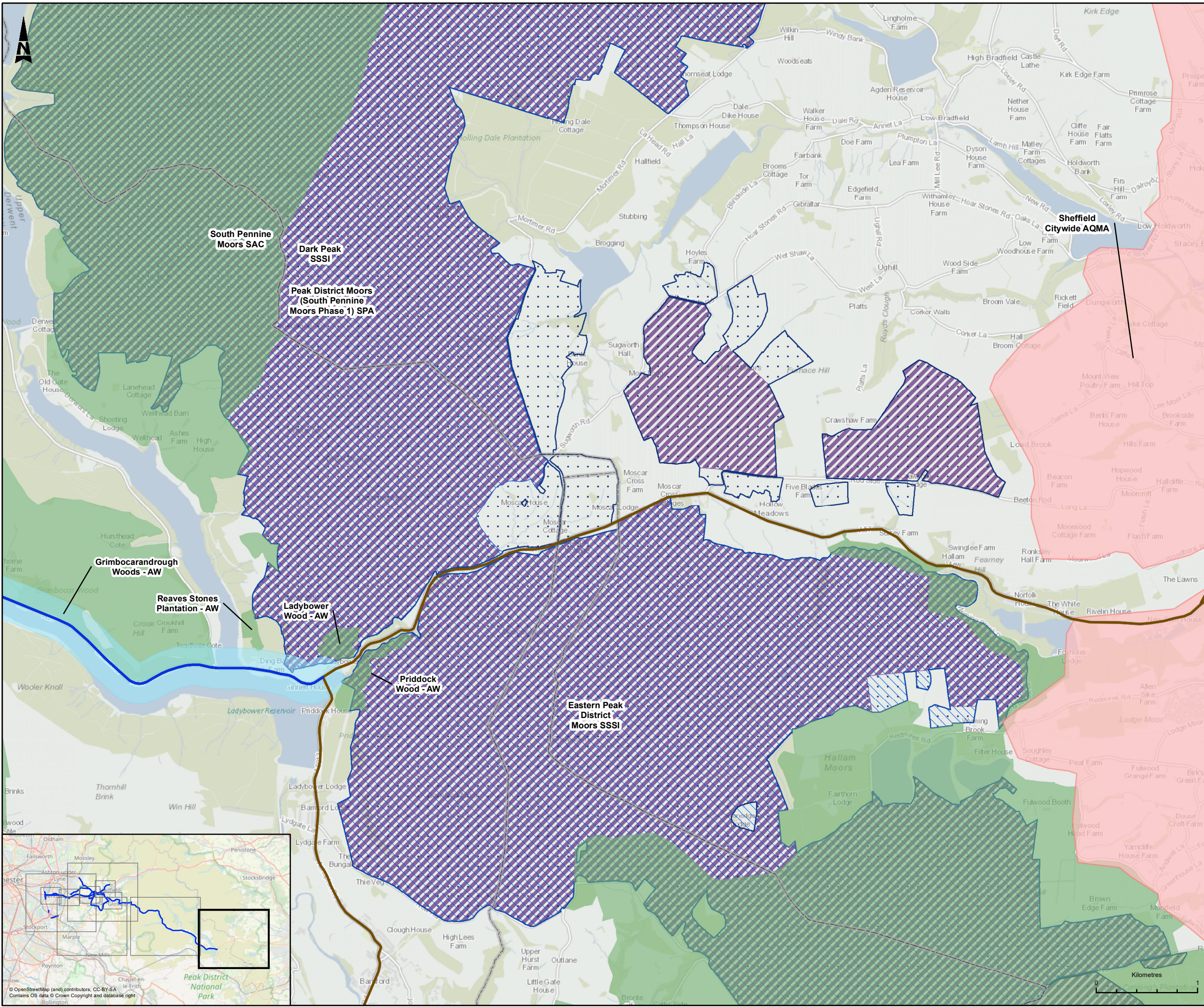
Scheme Name: A57 LINK ROADS

Drawing Title: FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 9 OF 10

PNS Ref. No.: TR010034/APP/6.4

Drawing Number	HE551473 - BBA - EGN - A57_AL_SCHEME - DR - LE - 060411
Location	
Scale	1:35,000
Original Size	A3
Rev	P02





LEGEND

- LOCAL AUTHORITY BOUNDARIES
- AIR QUALITY MANAGEMENT AREAS
- AIR QUALITY STUDY AREA
- ROADS MEETING DMRB LA105 TRAFFIC SCREENING CRITERIA
- ADDITIONAL MODELLED ROAD NETWORK

DEFRA PCM ROADSIDE NO₂ CONCENTRATIONS

- <= 40 µg/m³
- > 40 µg/m³

DESIGNATED ECOLOGICAL SITES

- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREAS OF CONSERVATION (SAC)
- LOCAL NATURE RESERVES (LNR)
- NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)

DIFFUSION TUBE SITES

- NO DATA
- < 36 µg/m³
- 36 to 40 µg/m³
- > 40 µg/m³
- LA DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION
- HE MMLR SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
- HE M60 SURVEY DIFFUSION TUBE SITES - 2018 ANNUAL MEAN NO₂ CONCENTRATION (ANNUALISED)
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Description			
Status	Revision	Issue Date	
Description			
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Status	Revision	Issue Date	
Description			
Status	Revision	Issue Date	02/06/21
Drawn	Checked	Reviewed	Authorised
SD	MDL/SR	LY	MR
Drawing Suitability			Status
DCO SUBMISSION			A4
Client			
Scheme Name			
A57 LINK ROADS			
Drawing Title			
FIGURE 5.1 AIR QUALITY CONSTRAINTS SHEET 10 OF 10			
PINS Ref. No.			
TR010034/APP/6.4			
Drawing Number			
Scheme	Originator	Volume	
HE551473 - BBA - EGN -			
A57_AL_SCHEME - DR - LE -		060411	
Location	Type	Role	Number
Scale	Original Size	Rev	
1:35,000	A3	P02	

