

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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CONSTRUCTION

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Revised Template	BO	AR	24/01/2020	P02
First Issue	EC	AR	08/10/2019	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client

Highways England
The Cube
199 Wharfside Street
Birmingham
B1 1RN

Working on behalf of

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 1 OF 10

Designed BO	Drawn EC	Checked AR	Approved TP	Date 24/01/2020
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Internal Project No.
60536736

Suitability
S8

Scale @ A3
1:25,000

Zone
M54 to M6 Link Road

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Drawing Number
HE514465
M54_SW_PR_Z

Originator
-ACM

Volume
-EGN -
-DR - LA - 0003

Rev
P02

LEGEND

Scheme Boundary

Air Quality Designated Ecosystem Receptor

Annual Mean NO₂ Concentration

< 30 µg/m³

30-36 µg/m³

36-40 µg/m³

40-44 µg/m³

>44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

Large Decrease

Medium Decrease

Small Decrease

Imperceptible

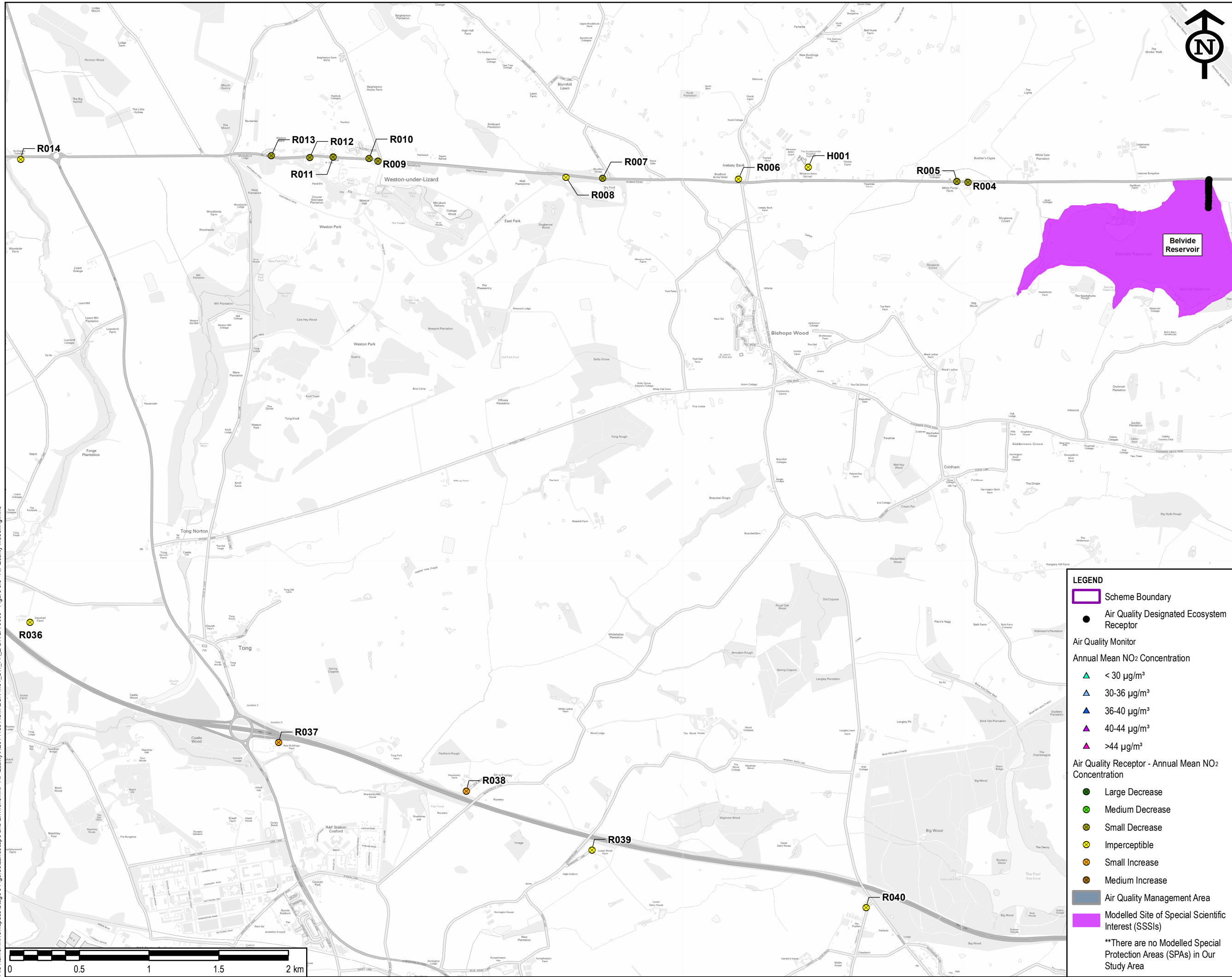
Small Increase

Medium Increase

Air Quality Management Area

Modelled Site of Special Scientific Interest (SSSIs)

**There are no Modelled Special Protection Areas (SPAs) in Our Study Area



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STAFFORDSHIRE

Market Rayton Eccleshall Cannock Chase Penkridge Albrighton Silverthampton Stourbridge Lichfield

Stafford Cannock Rugeley Brownhills Walsall Dudley Birmingham

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FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 2 OF 10

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Scheme Boundary

Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

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Medium Decrease

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M54 to M6 Link Road

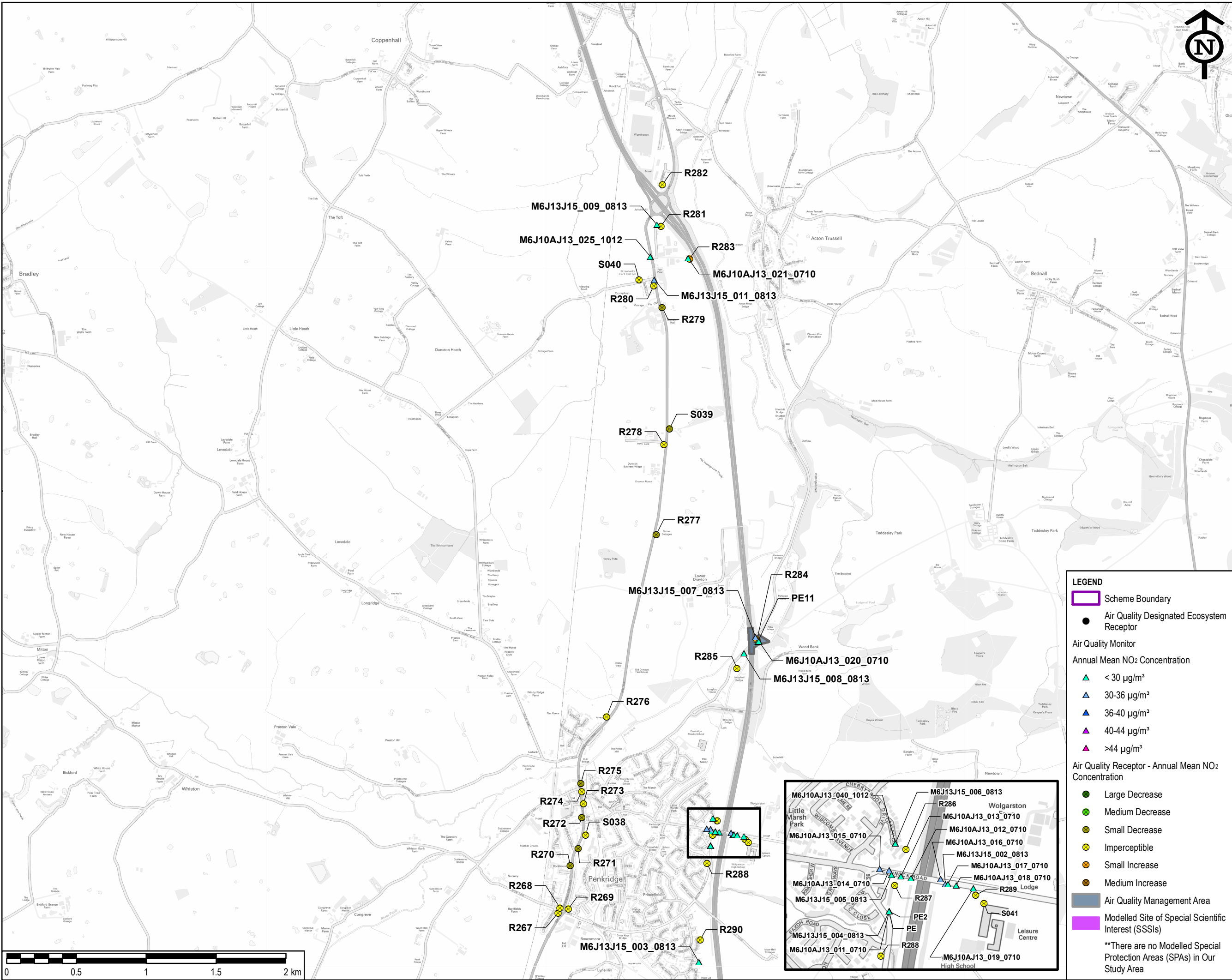
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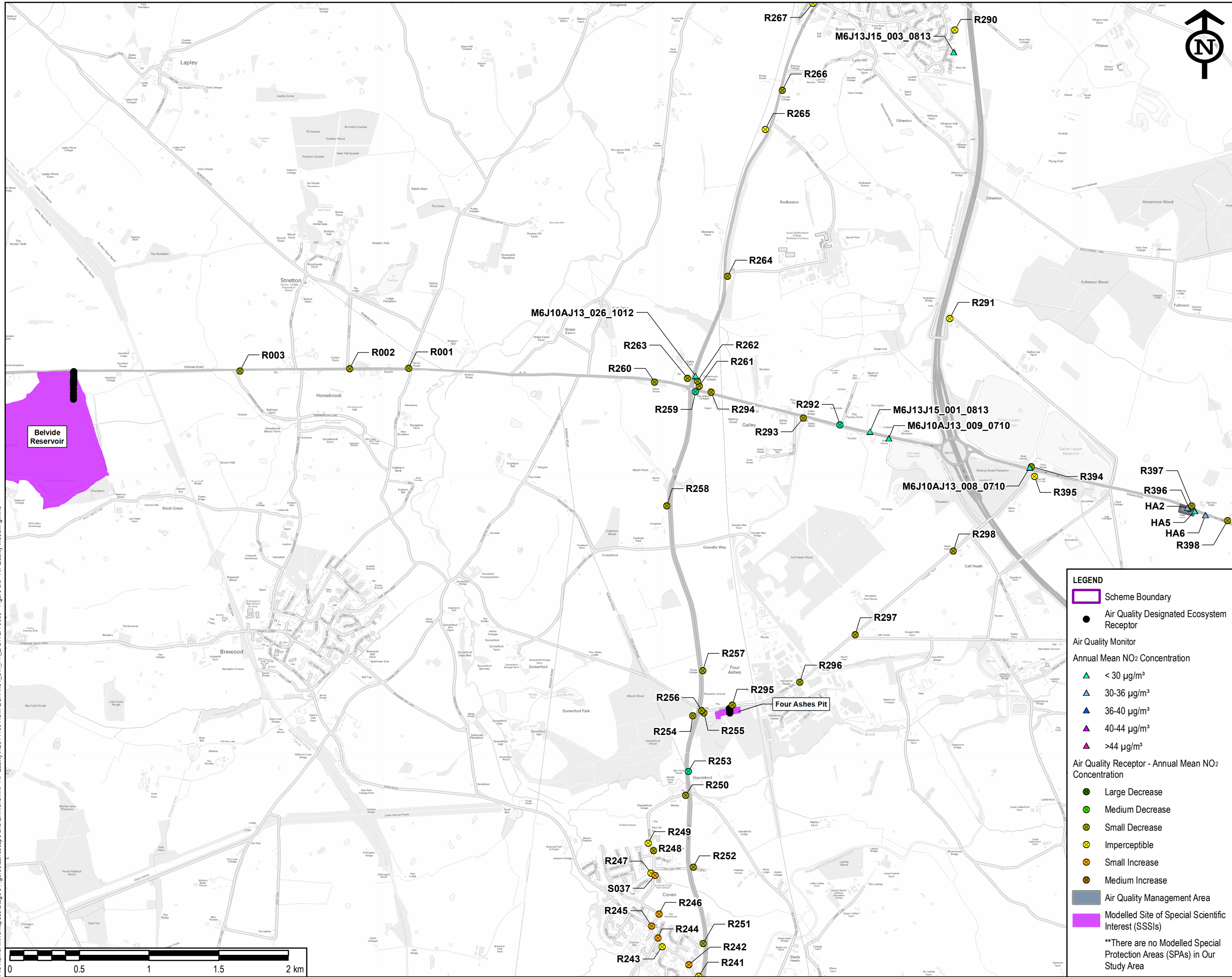
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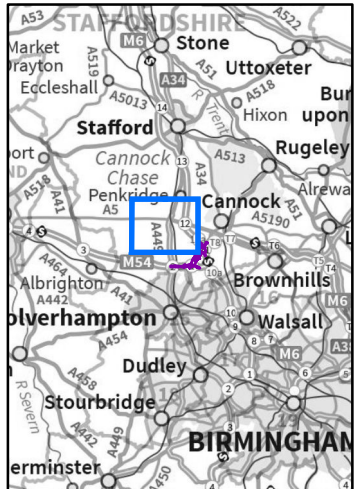

Drawing Title
FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 3 OF 10

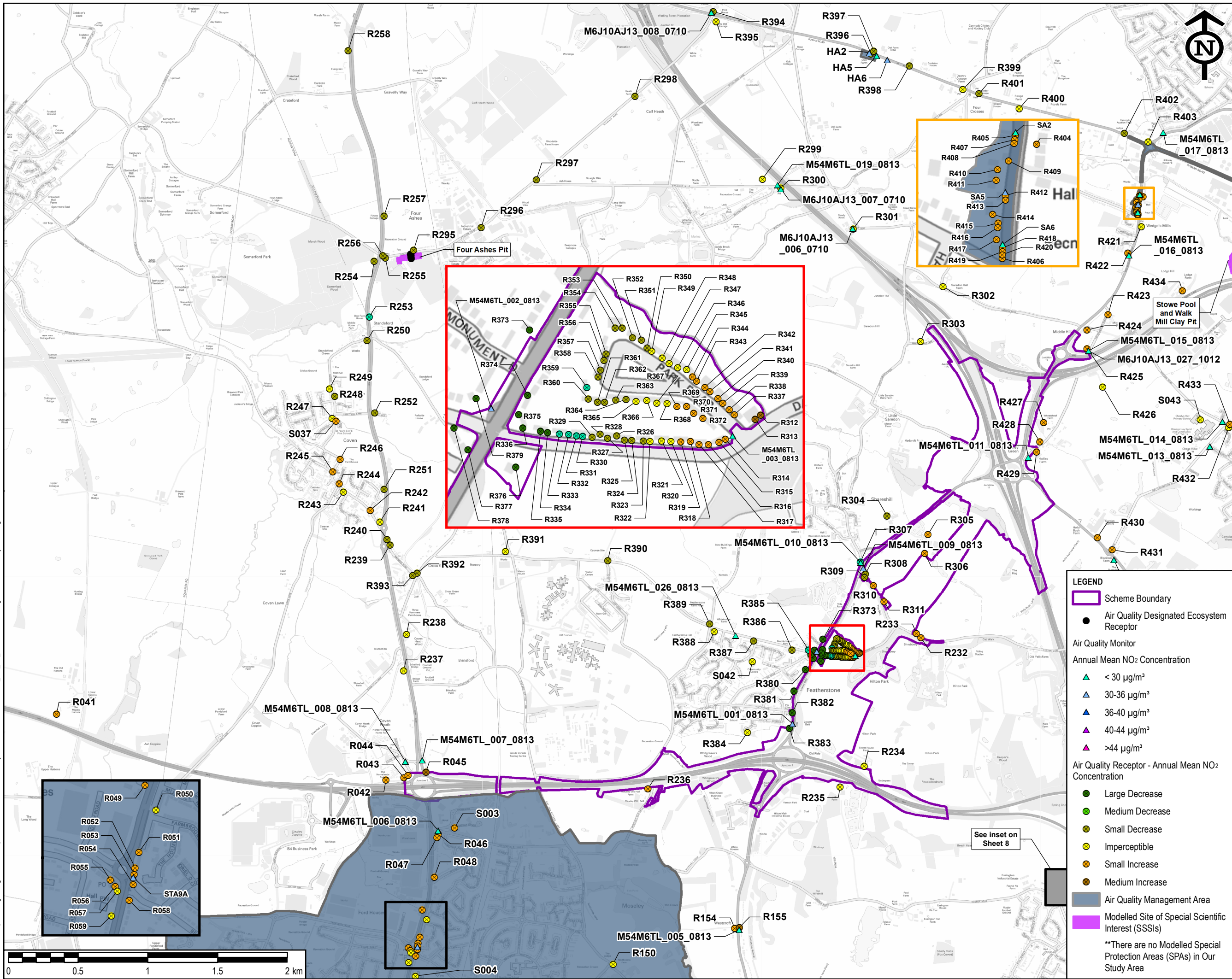
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Internal Project No. 60536736		Suitability S8		
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Location		Type Role Number	



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DCO APPLICATION				
Client Highways England The Cube 199 Wharfside Street Birmingham B1 1RN		Working on behalf of 		
Development Consent Order Number				
TR010054				
Project Title				
M54 TO M6 LINK ROAD				
Drawing Title				
FIGURE 5.3: AIR QUALITY MODELLING (OPERATIONAL) PAGE 4 OF 10				
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Map of the region showing the project location in the context of Staffordshire, Cheshire, and Birmingham.

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The Cube

199 Wharfside Street

Birmingham

B1 1RN

Working on behalf of

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

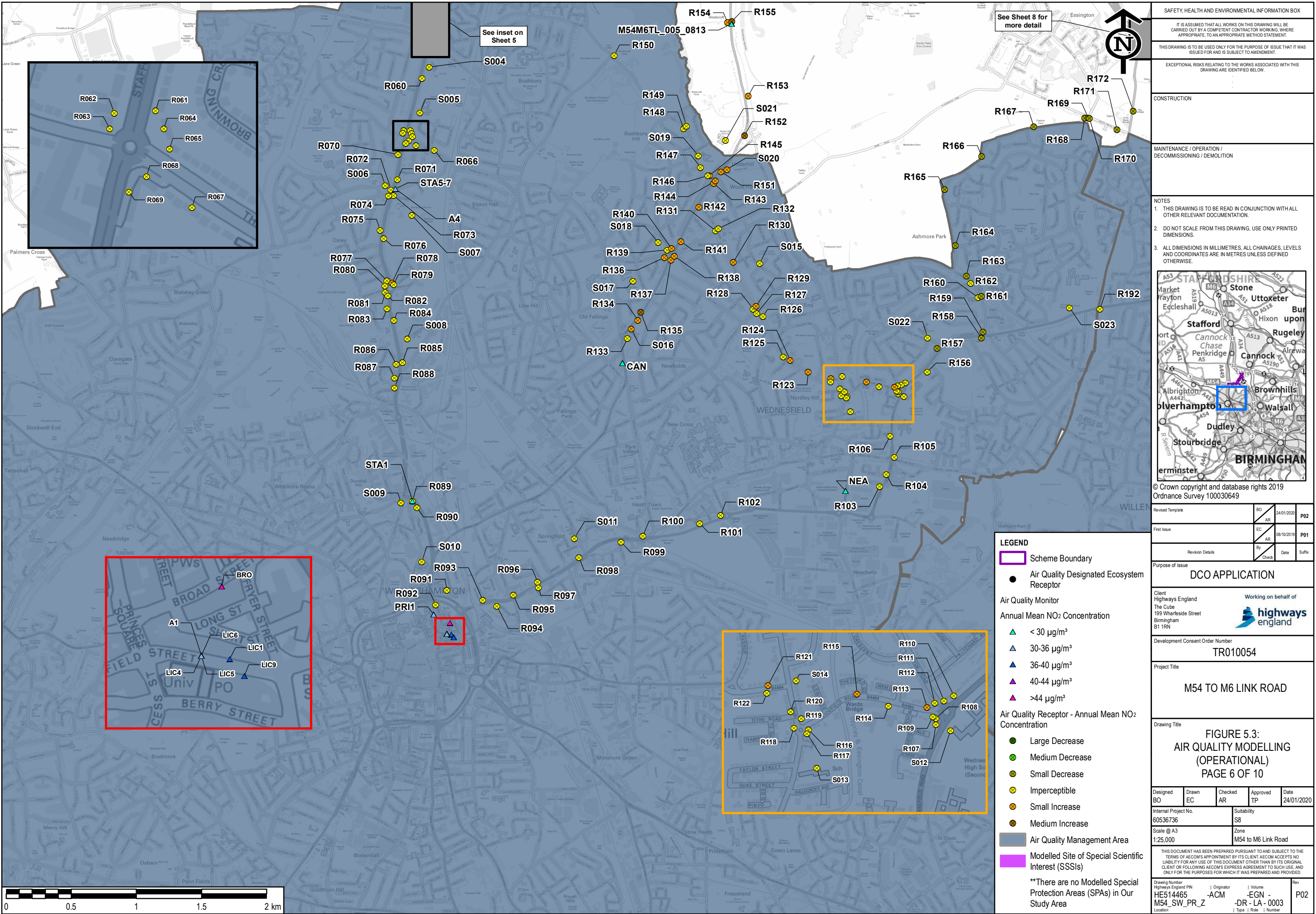
FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 5 OF 10

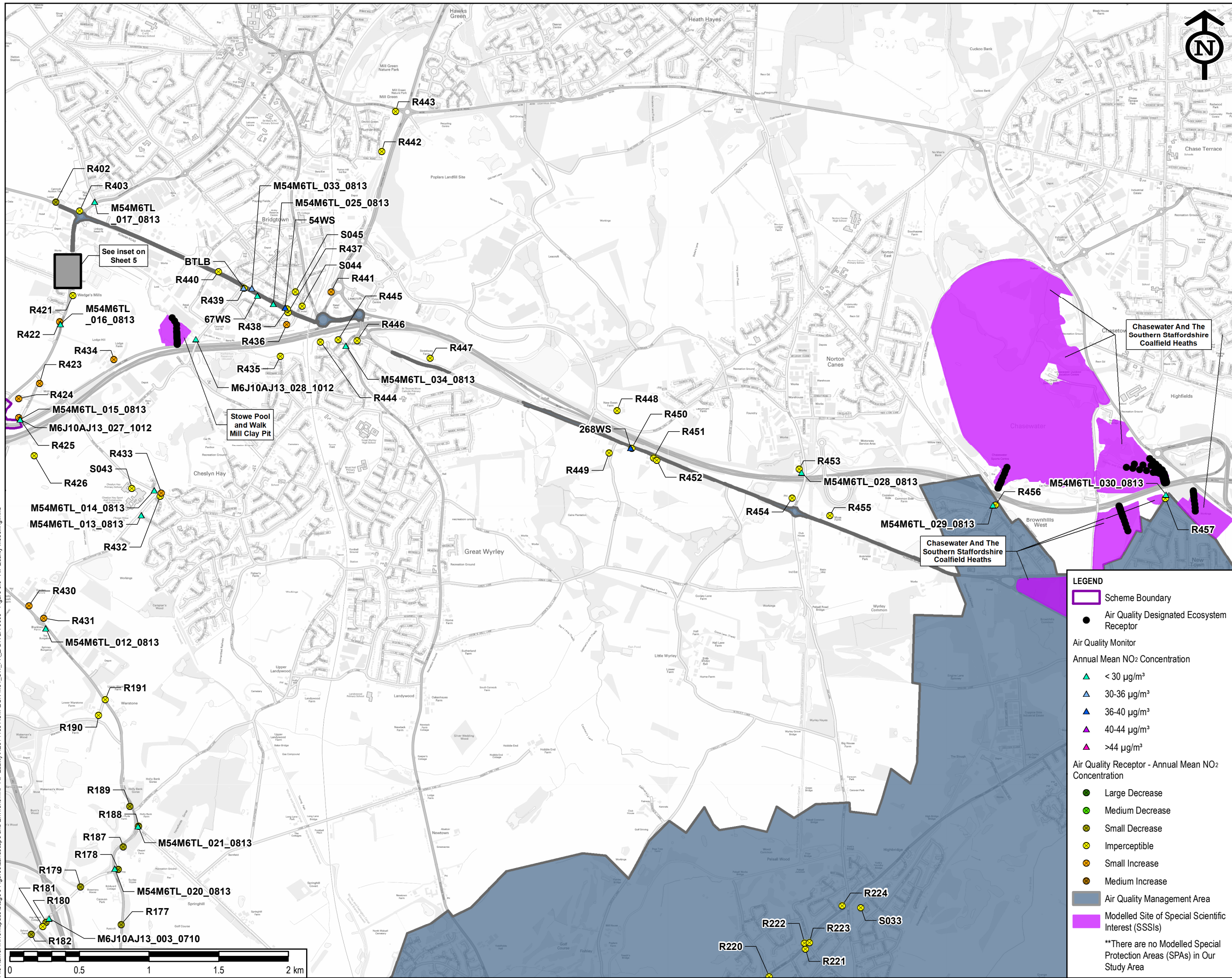
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Internal Project No.	60536736				Suitability	S8			
Scale @ A3	1:25,000				Zone	M54 to M6 Link Road			

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Drawing Number	HE514465	Originator	EGN	Rev	P02
Location	M54_SW_PR_Z	Type	DR - LA - 0003	Role	Number

Plot Date: 24 January 2020 13:27:56
File Name: I:\Workspaces\Stage 3 Figures\Landscape and Environment - Air Quality\HE514465-ACM-EGN-M54_SW_PR_Z.DRLA-0003 - Figure 5.3 - Air Quality Modelling.mxd





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STAFFORDSHIRE

Market Rayton Eccleshall

Stafford

Chase Cannock

Albrighton

Stourbridge

Wolverhampton

Derby

Uttoxeter

Hixon upon

Rugeley

Alrewa

Brownhills

Walsall

BIRMINGHAM

Chasewater And The Southern Staffordshire Coalfield Heaths

Chasewater

Brownhills West

New Town

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Client

Highways England

The Cube

199 Wharfside Street

Birmingham

B1 1RN

Working on behalf of

highways england

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 7 OF 10

Designed	BO	Drawn	EC	Checked	AR	Approved	TP	Date	24/01/2020
Internal Project No.	60536736	Suitability	S8						
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HE514465

Originator

-ACM

Volume

-EGN -

Rev

P02

Location

M54_SW_PR_Z

Type

-DR - LA - 0003

Role

Number

LEGEND

Scheme Boundary

Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

< 30 µg/m³

30-36 µg/m³

36-40 µg/m³

40-44 µg/m³

>44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

Large Decrease

Medium Decrease

Small Decrease

Imperceptible

Small Increase

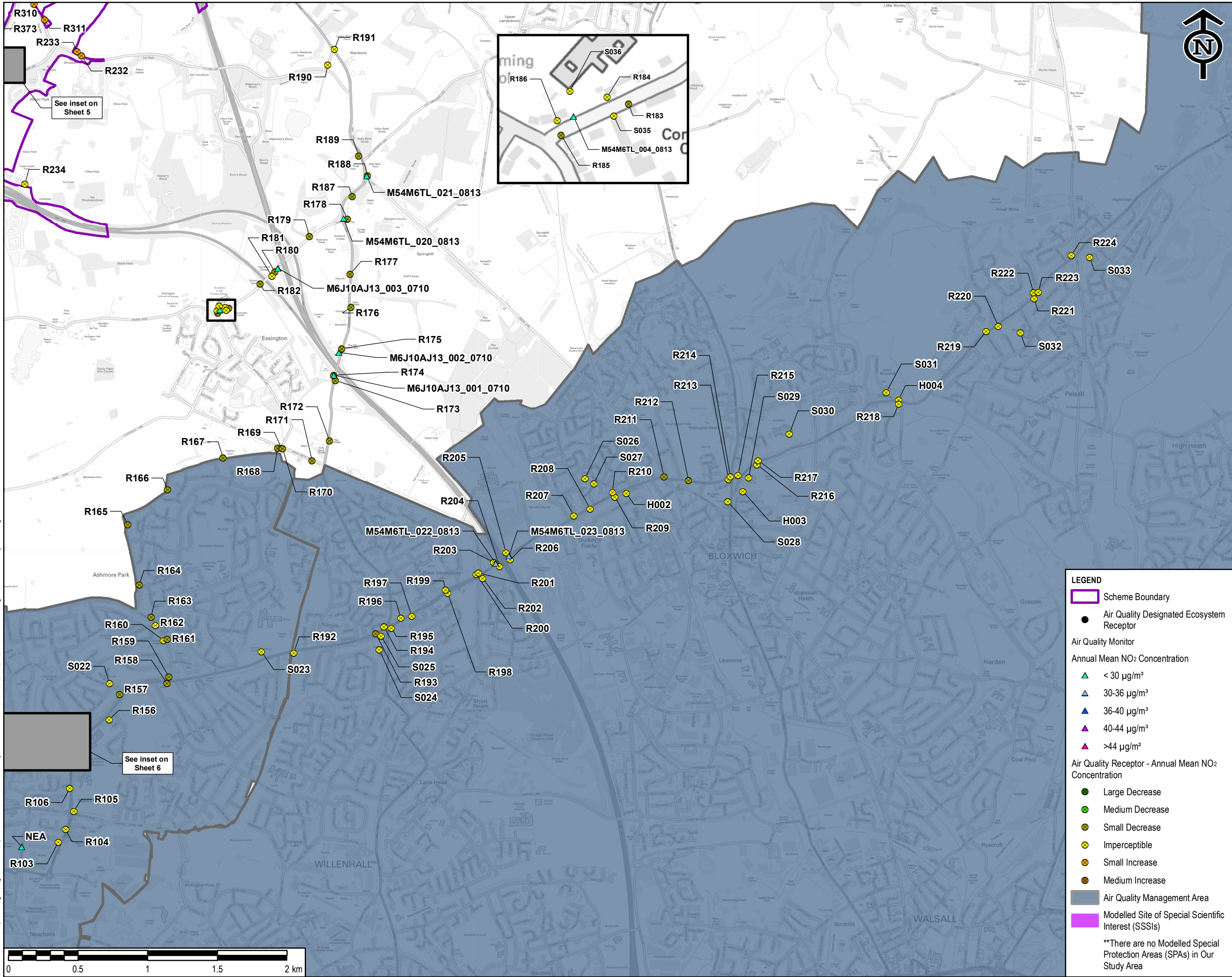
Medium Increase

Air Quality Management Area

Modelled Site of Special Scientific Interest (SSSIs)

**There are no Modelled Special Protection Areas (SPAs) in Our Study Area

Plot Date: 24 January 2020 13:27:56
File Name: I:\Workspace\Stage 3 Figures\Landscapes and Environment - Air Quality\HE514465-ACM-EGN-M54_SW_PR_Z.DRLA-0003 - Figure 5.3 - Air Quality Modelling.mxd



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Albrighton
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Stourbridge
Birmingham

Uttoxeter
Burton upon
Rugeley
Cannock
Walsall
Dudley
BIRMINGHAM

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Project Title
M54 TO M6 LINK ROAD

Drawing Title
FIGURE 5.3:
AIR QUALITY MODELLING
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PAGE 8 OF 10

Designed BO	Drawn EC	Checked AR	Approved TP	Date 24/01/2020
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Location	Type	Role	Number

LEGEND

Scheme Boundary

●

Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

▲

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▲

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▲

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ORDNANCE SURVEY

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FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 10 OF 10

Designed

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