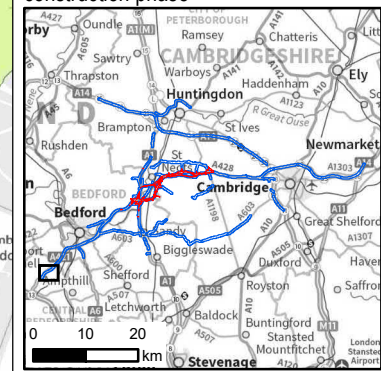
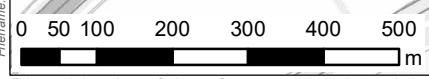


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- LEGEND**
- Order Limits
 - Modelled Ecological Site Transects
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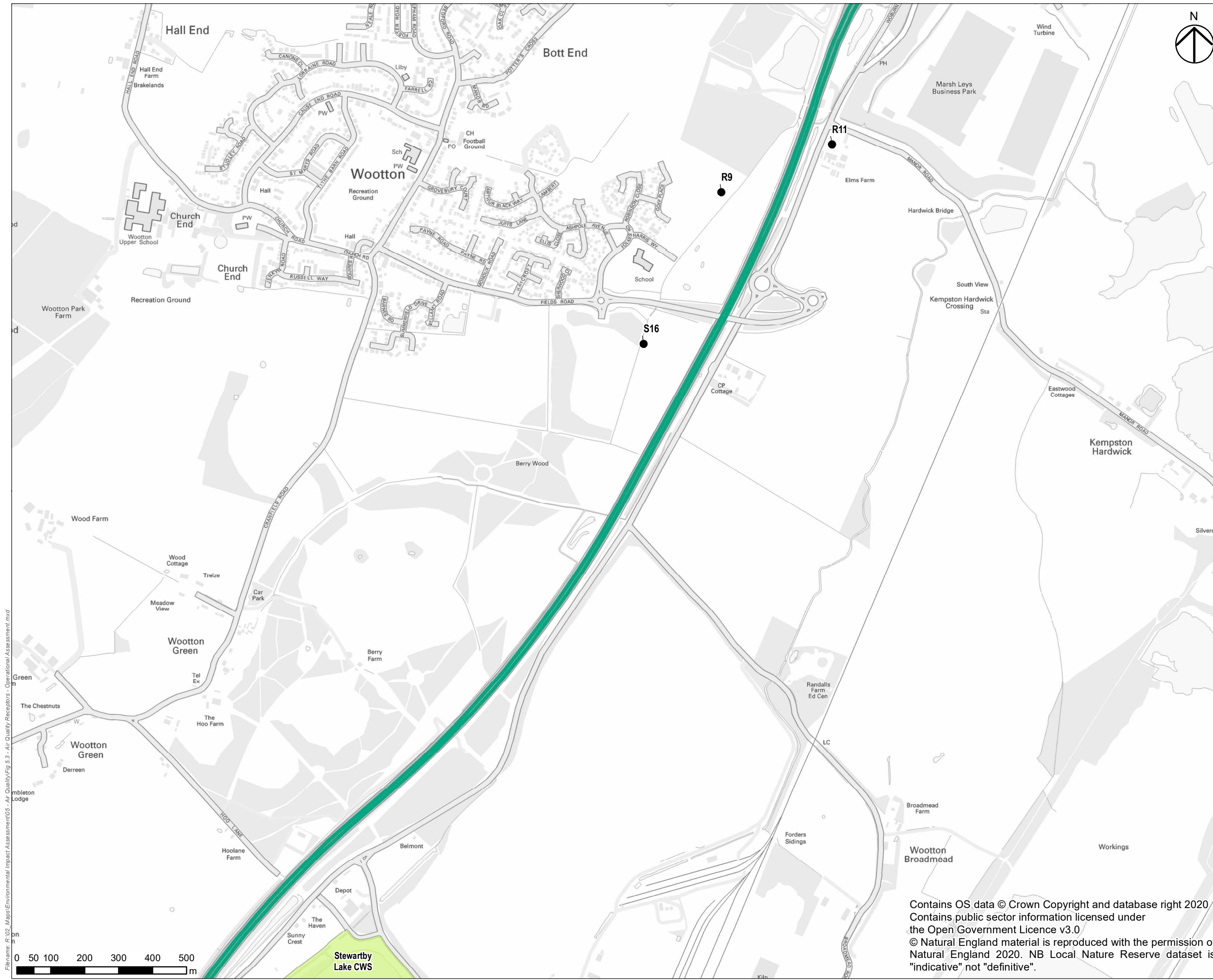


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Purpose of Issue			
DCO APPLICATION			
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW			
Development Consent Order Number TR010044			
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 1 of 61			
Designed NE	Drawn TD	Checked LH	Approved JG
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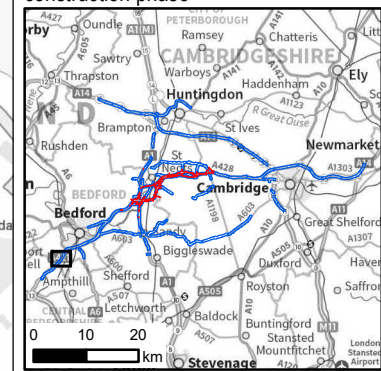
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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 2 of 61

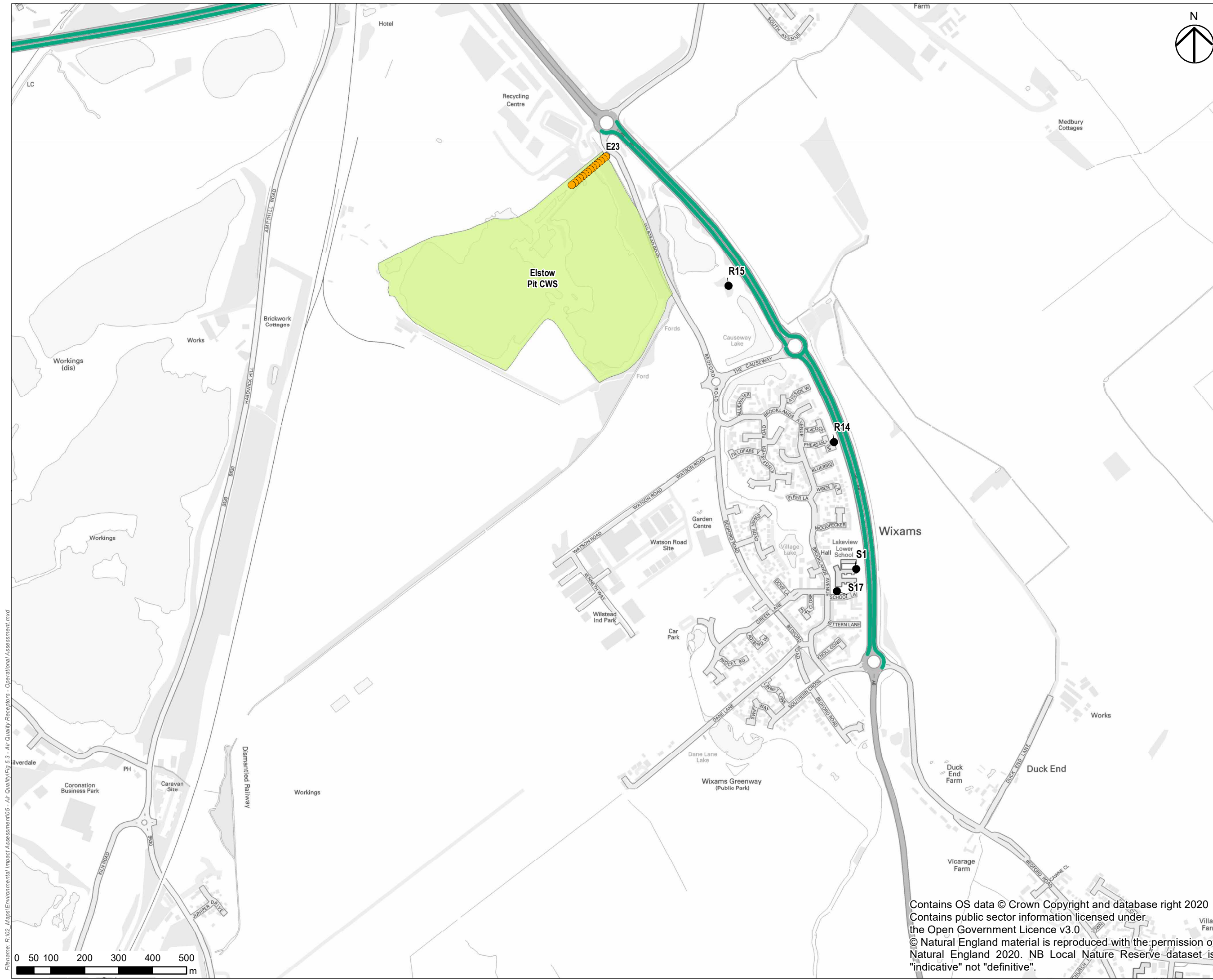
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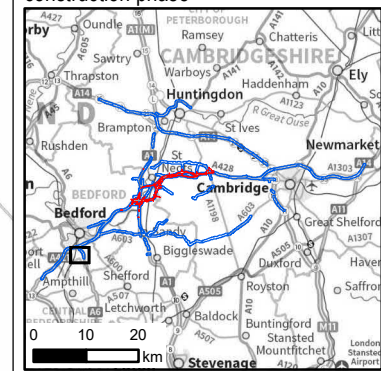
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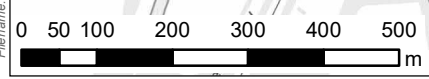
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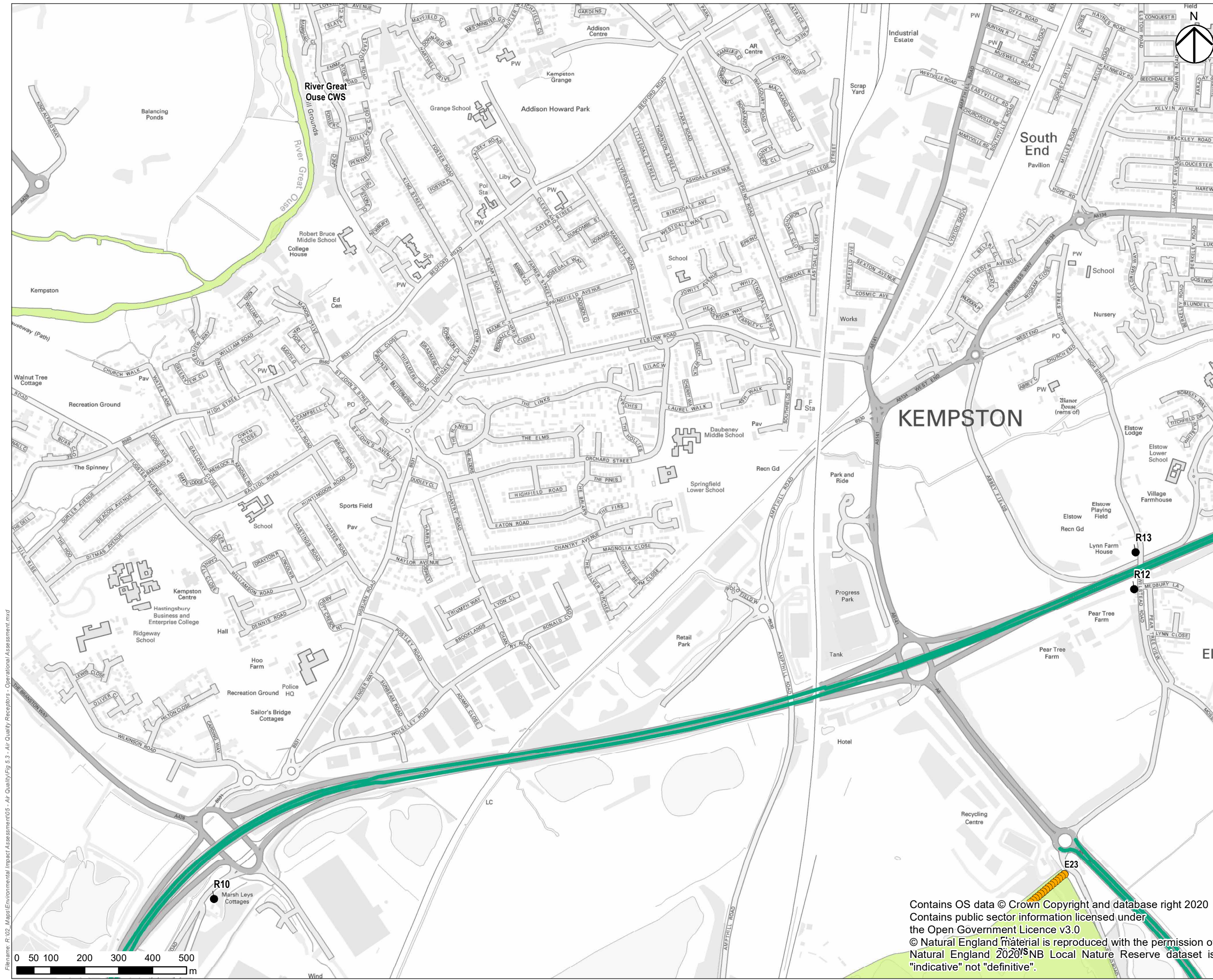
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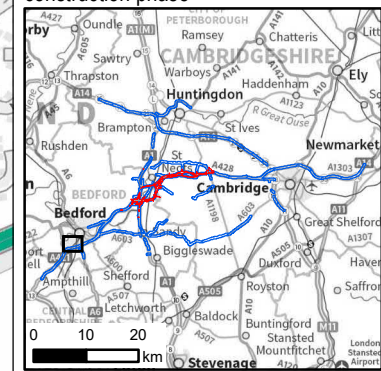


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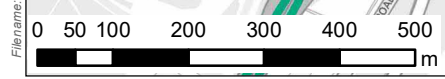
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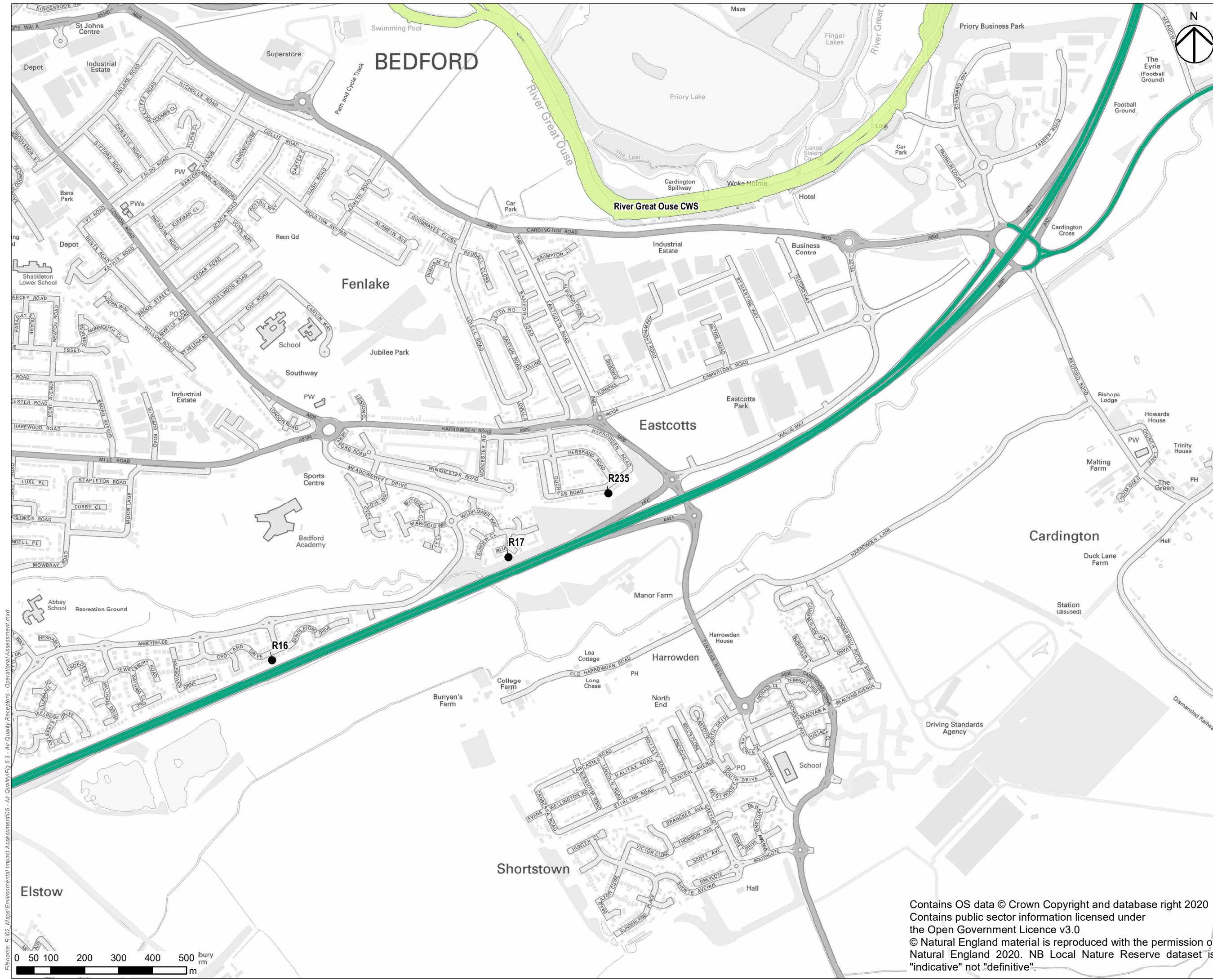
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Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 4 of 61

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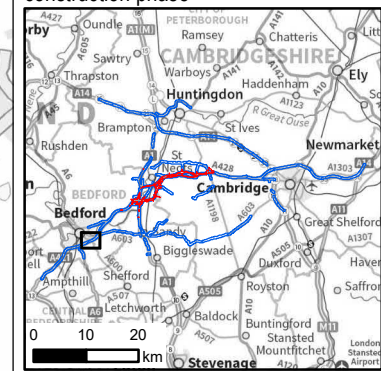
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REGULATION 5(2)(A)

LEGEND

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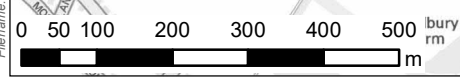
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Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 5 of 61

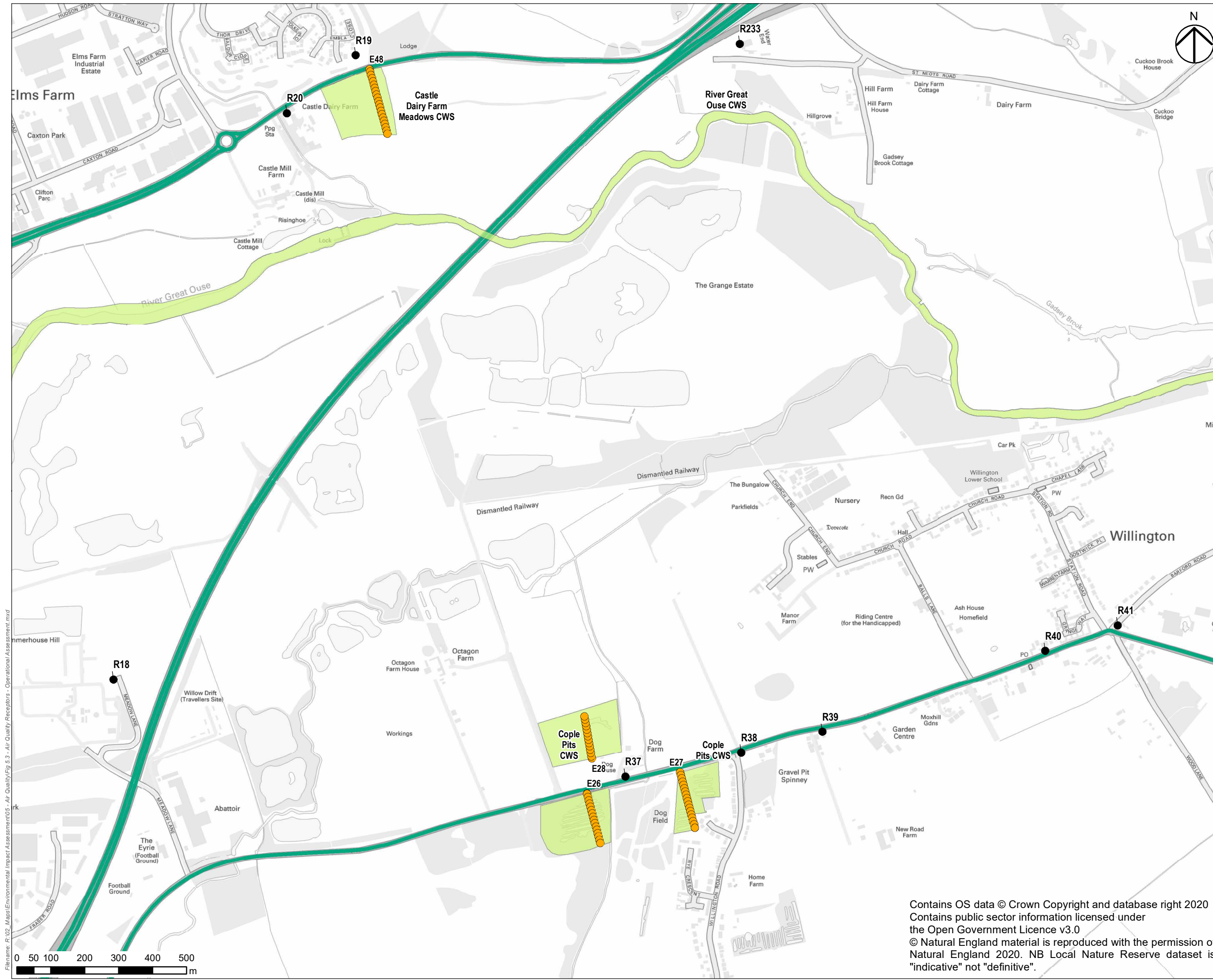
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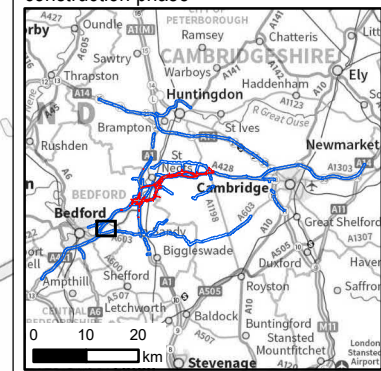


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REGULATION 5(2)(A)

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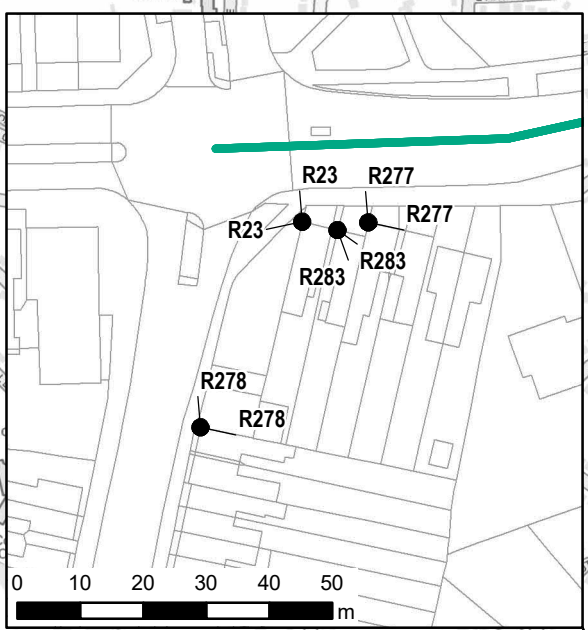
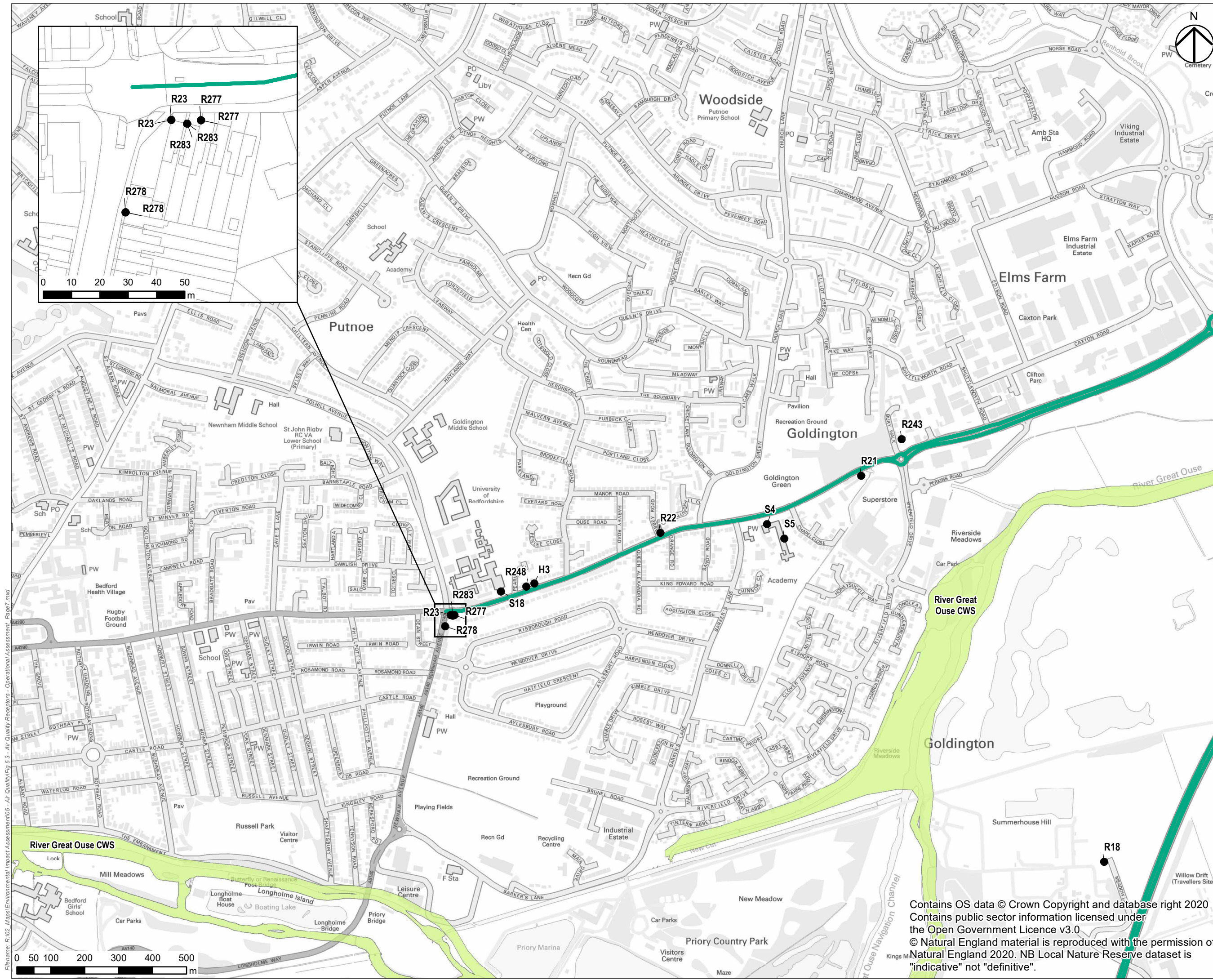
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Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 6 of 61			
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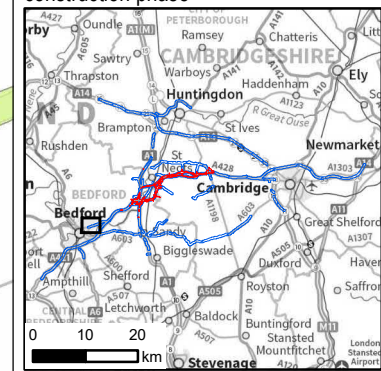
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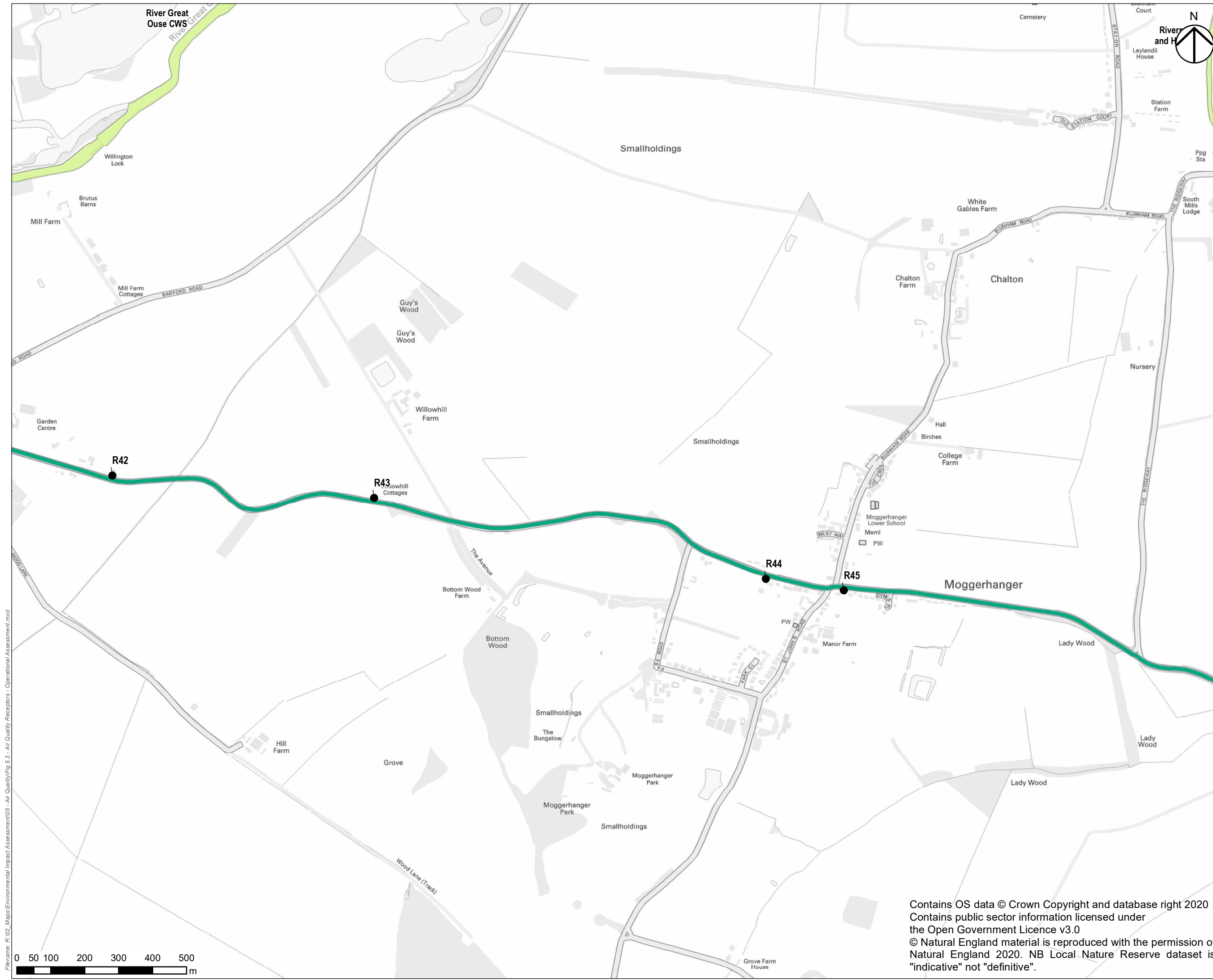
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 7 of 61

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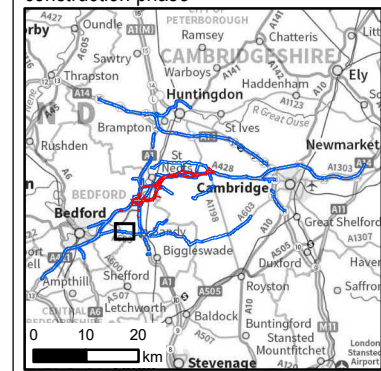
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REGULATION 5(2)(A)

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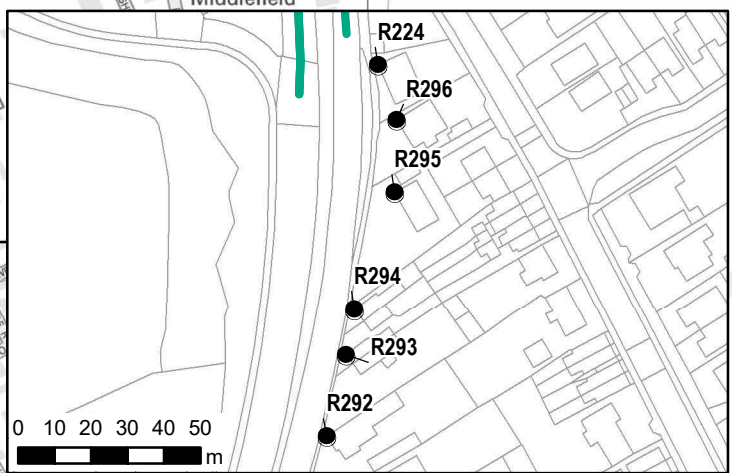
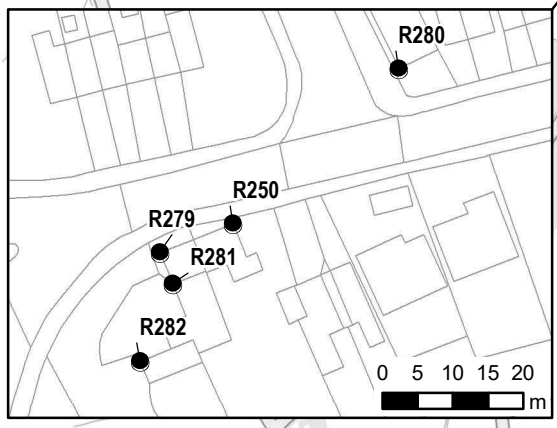
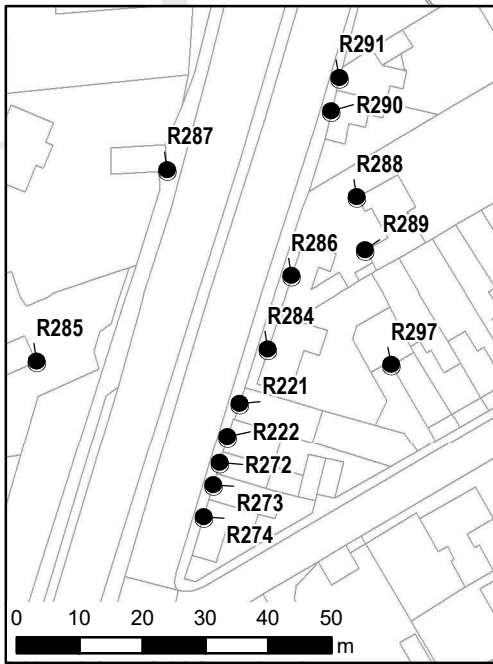
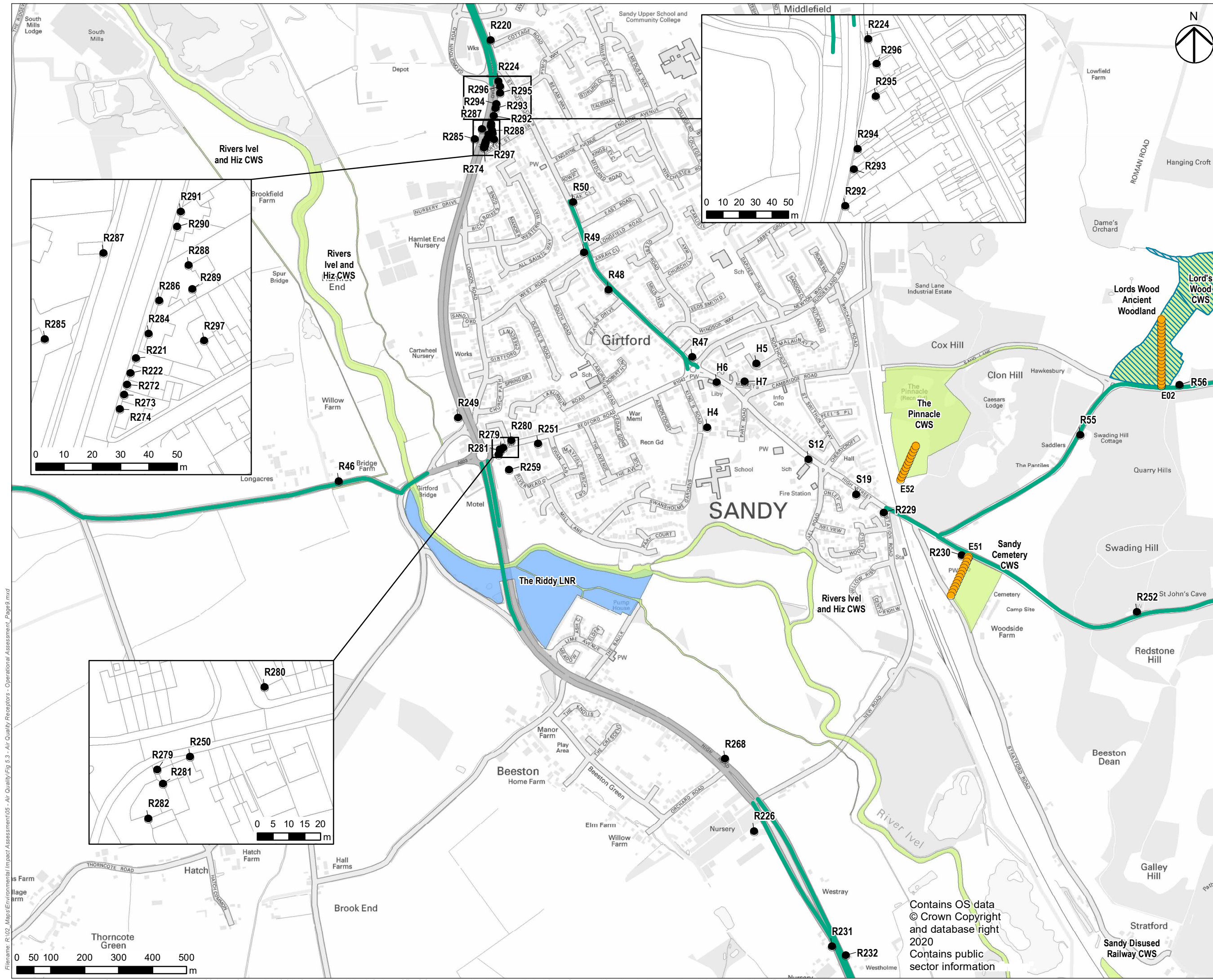
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 8 of 61

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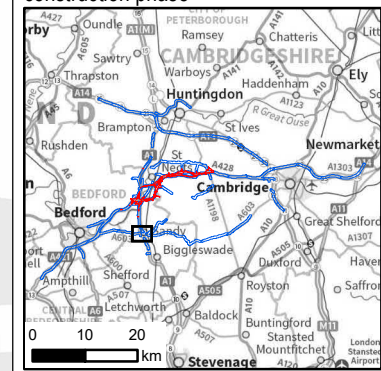


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Development Consent Order Number TR010044						
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS						
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 9 of 61						
Designed	Drawn	Checked	Approved	Date	26/02/2021	
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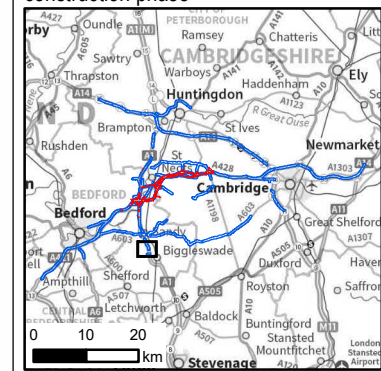
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Project Title
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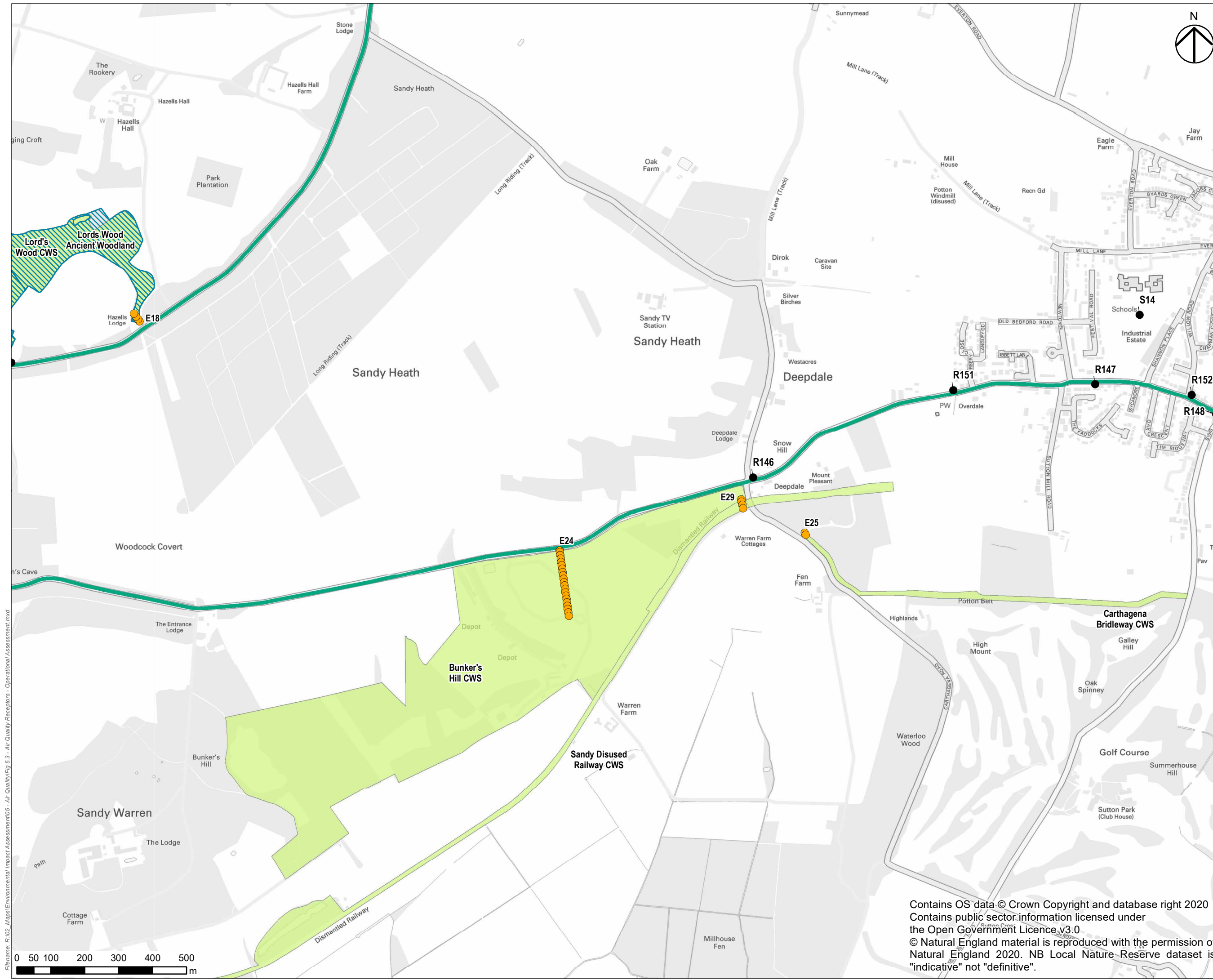
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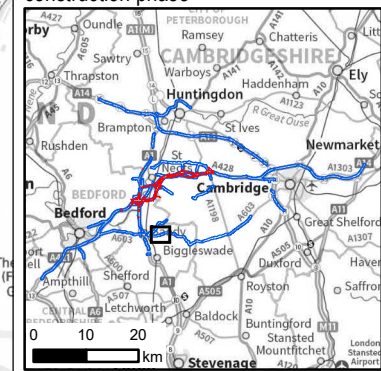
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Client
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Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 11 of 61

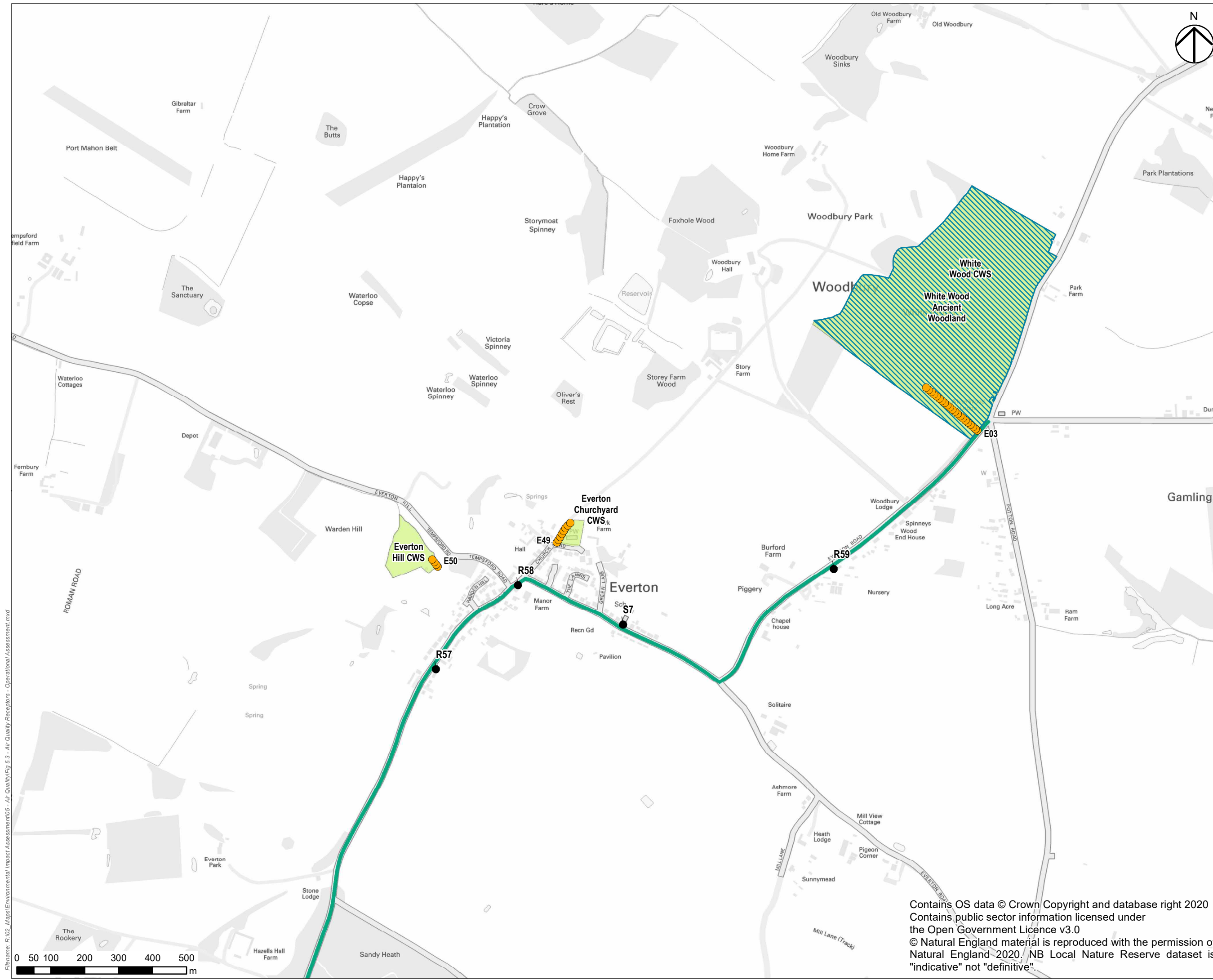
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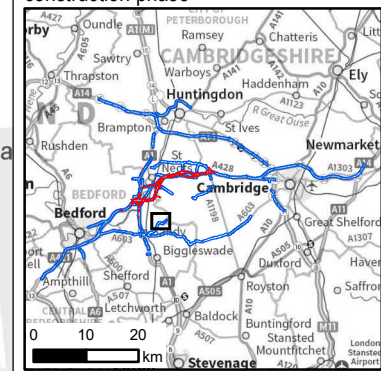
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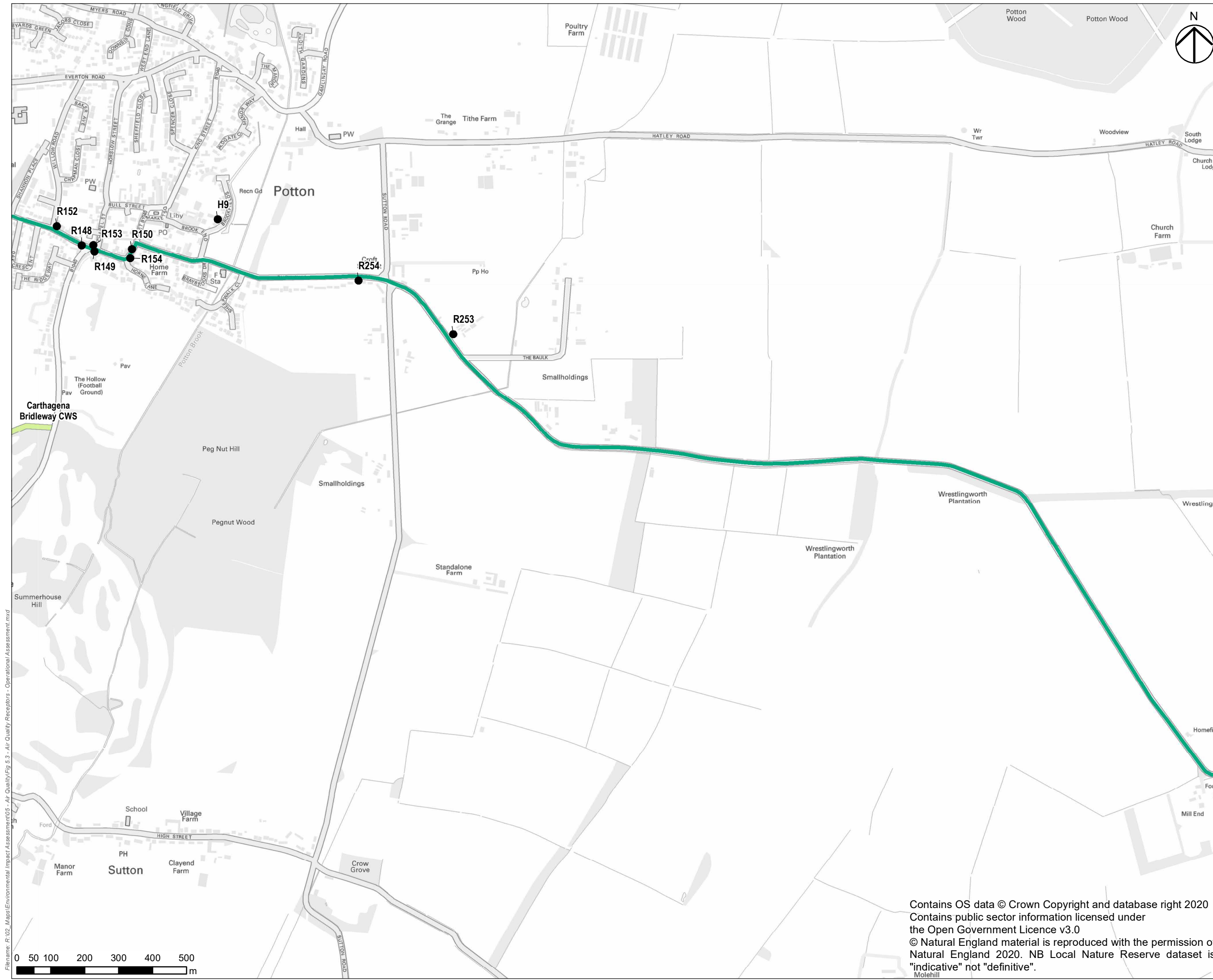
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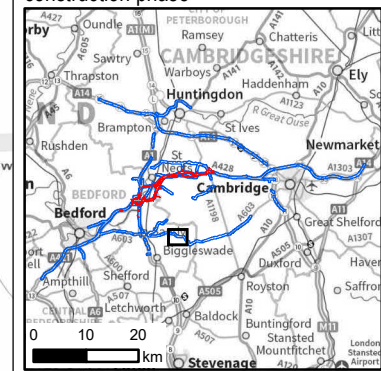
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REGULATION 5(2)(A)

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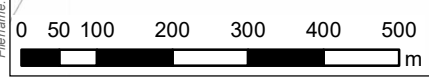
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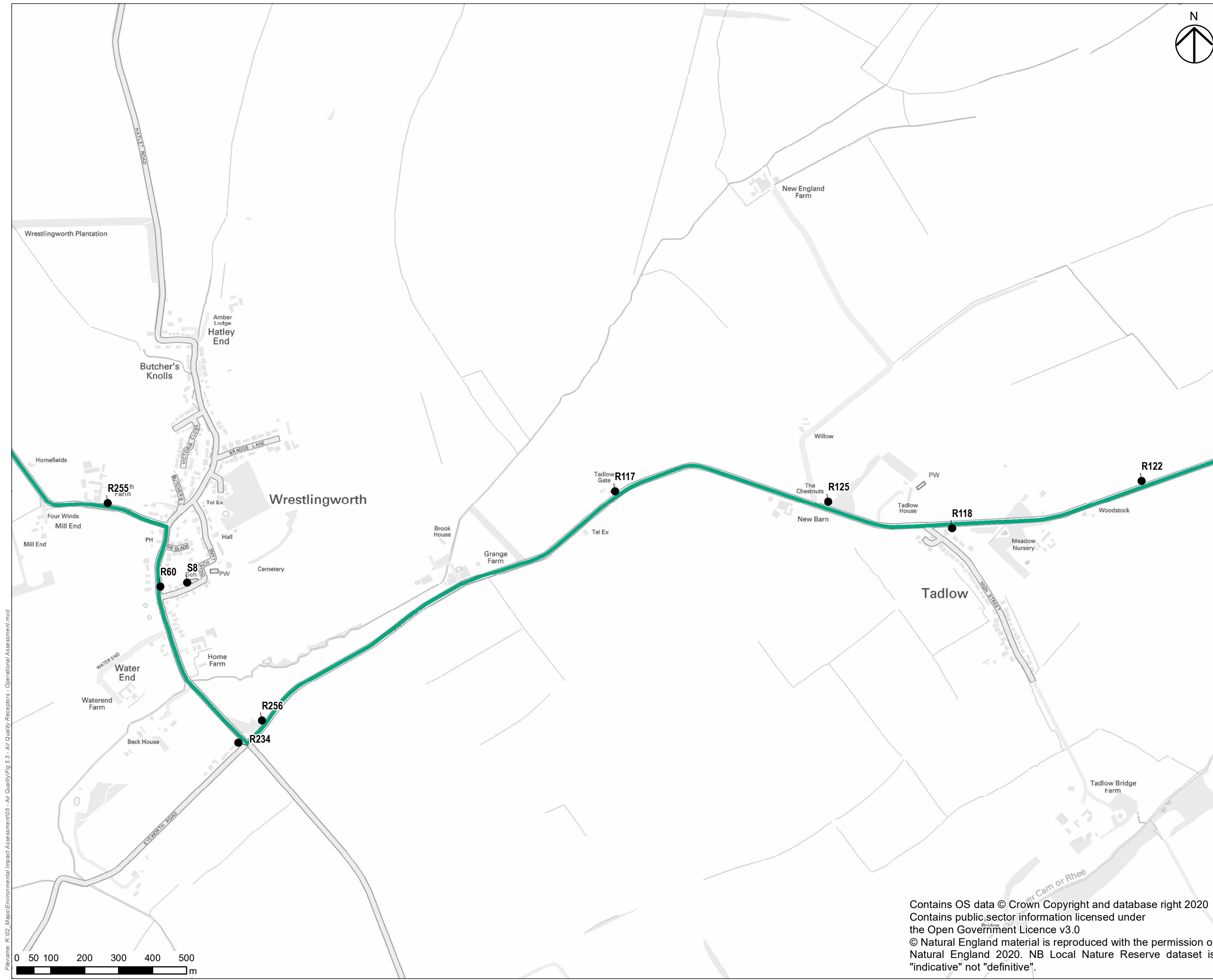


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Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 13 of 61			
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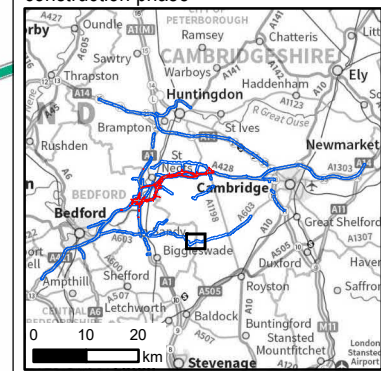
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 14 of 61

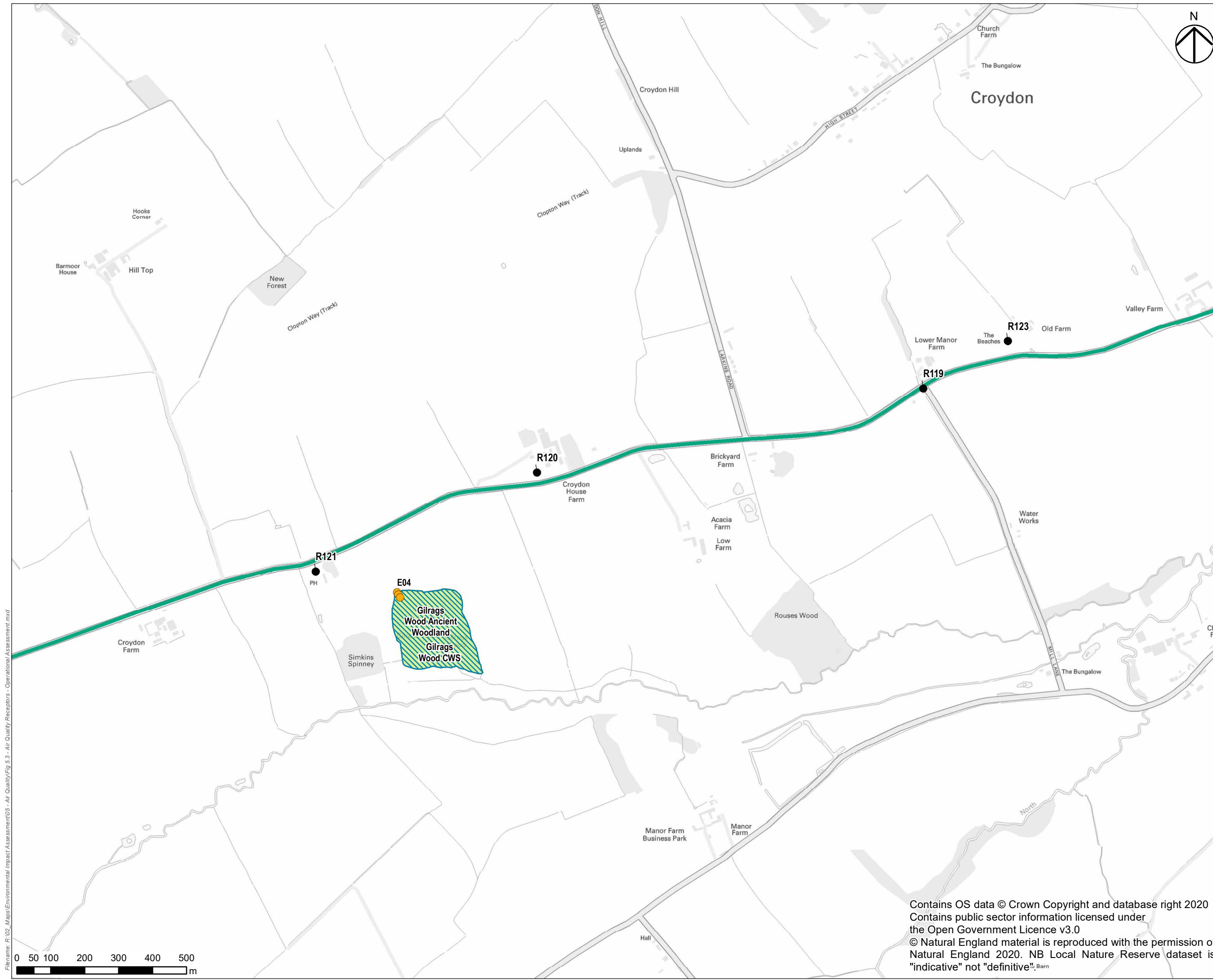
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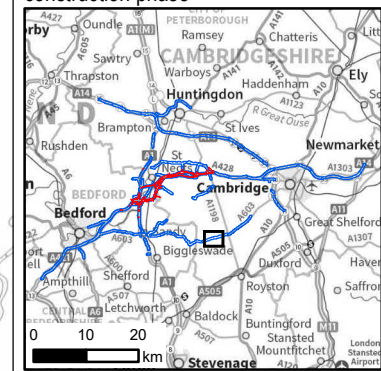
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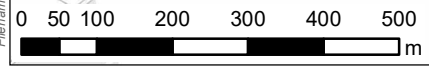
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 15 of 61

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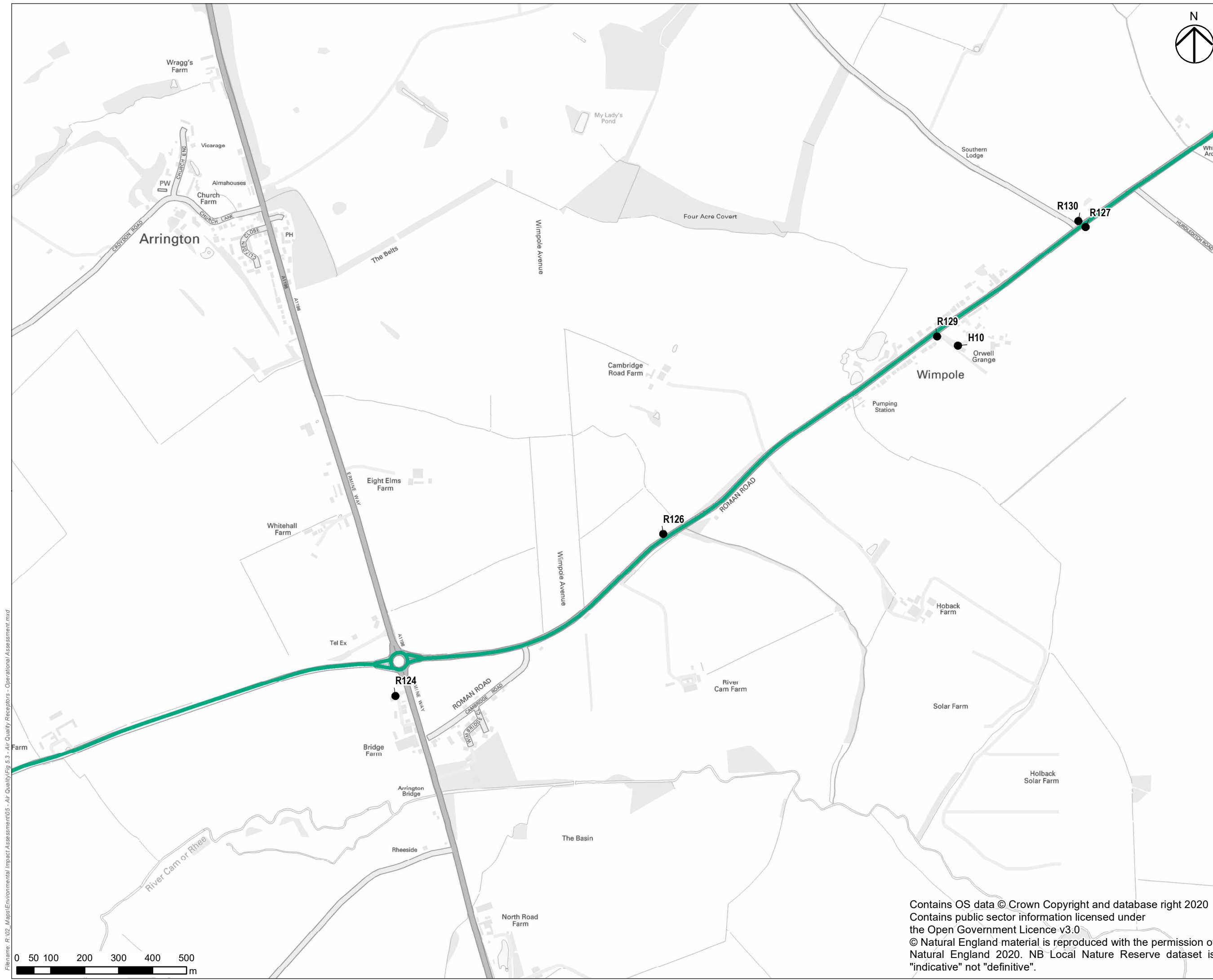
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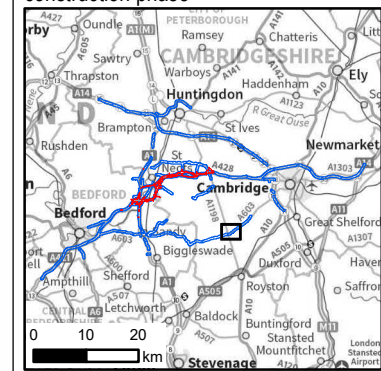


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**A428 BLACK CAT
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IMPROVEMENTS**

Drawing Title

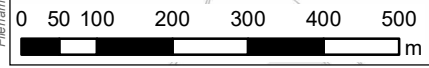
**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 16 of 61**

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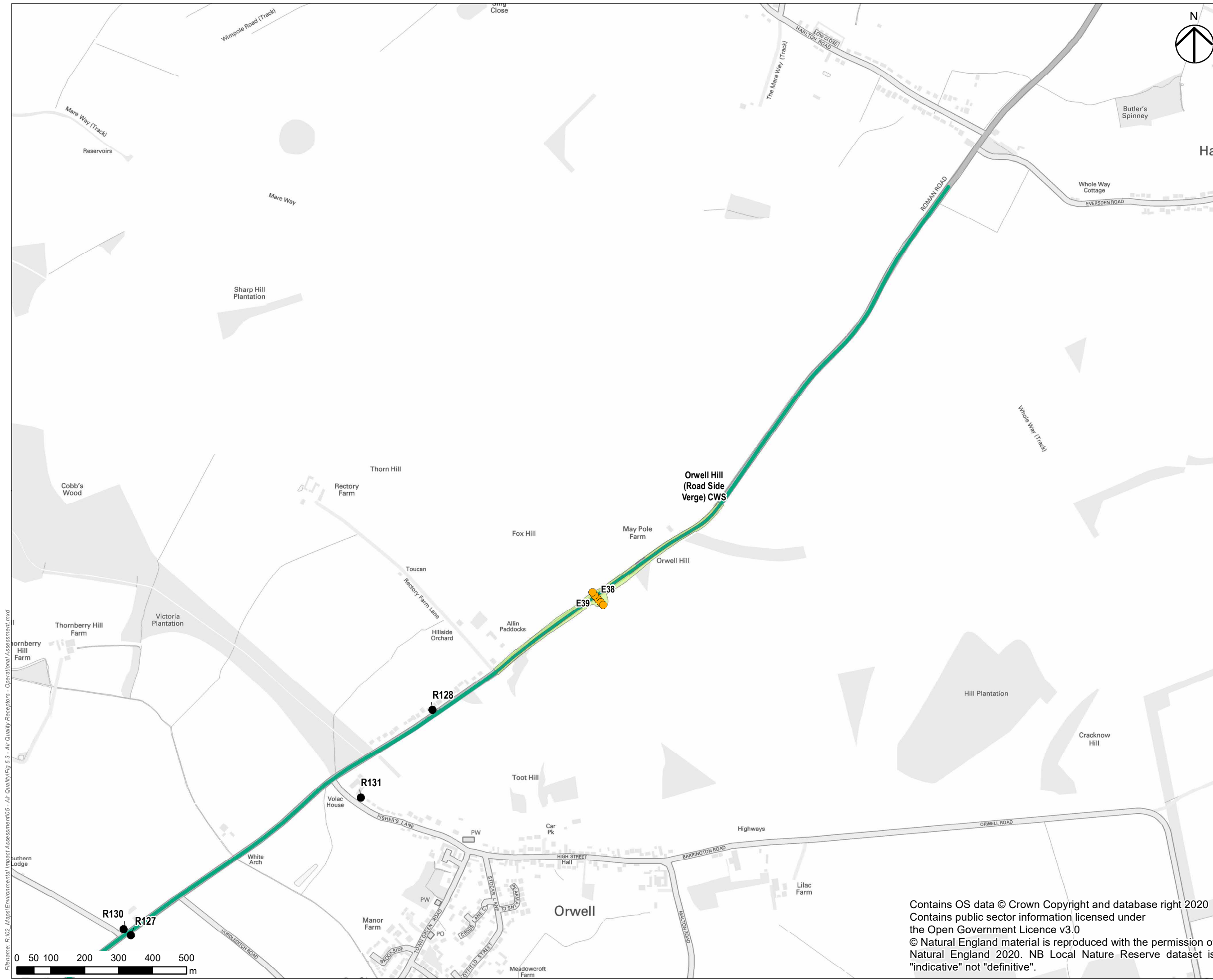
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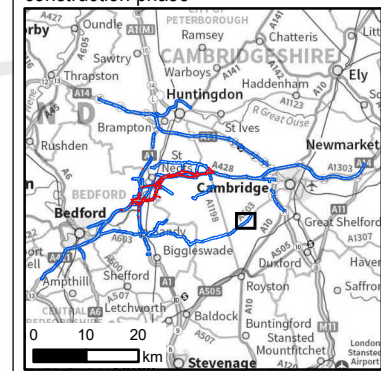


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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 17 of 61

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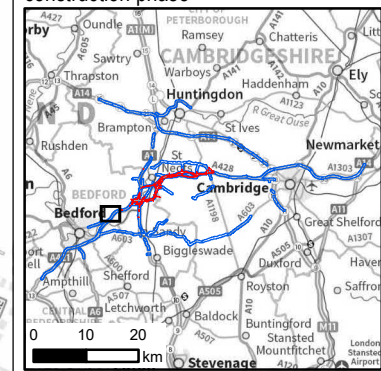
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

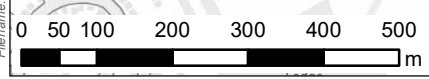
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AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 18 of 61**

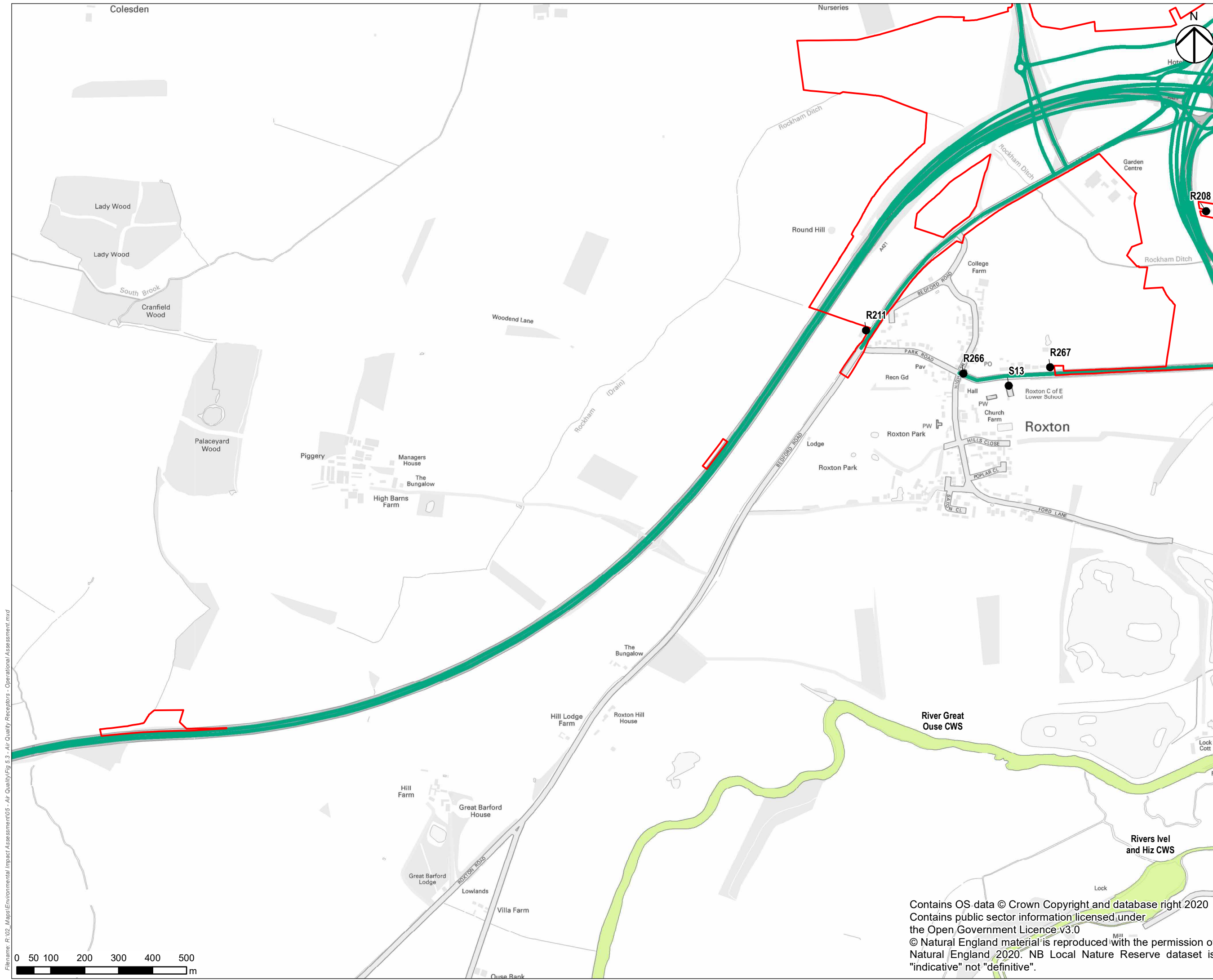
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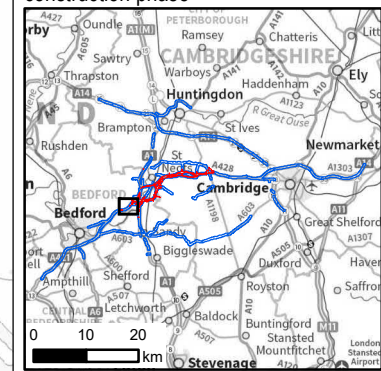
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

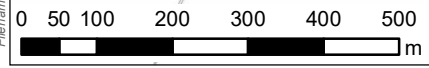
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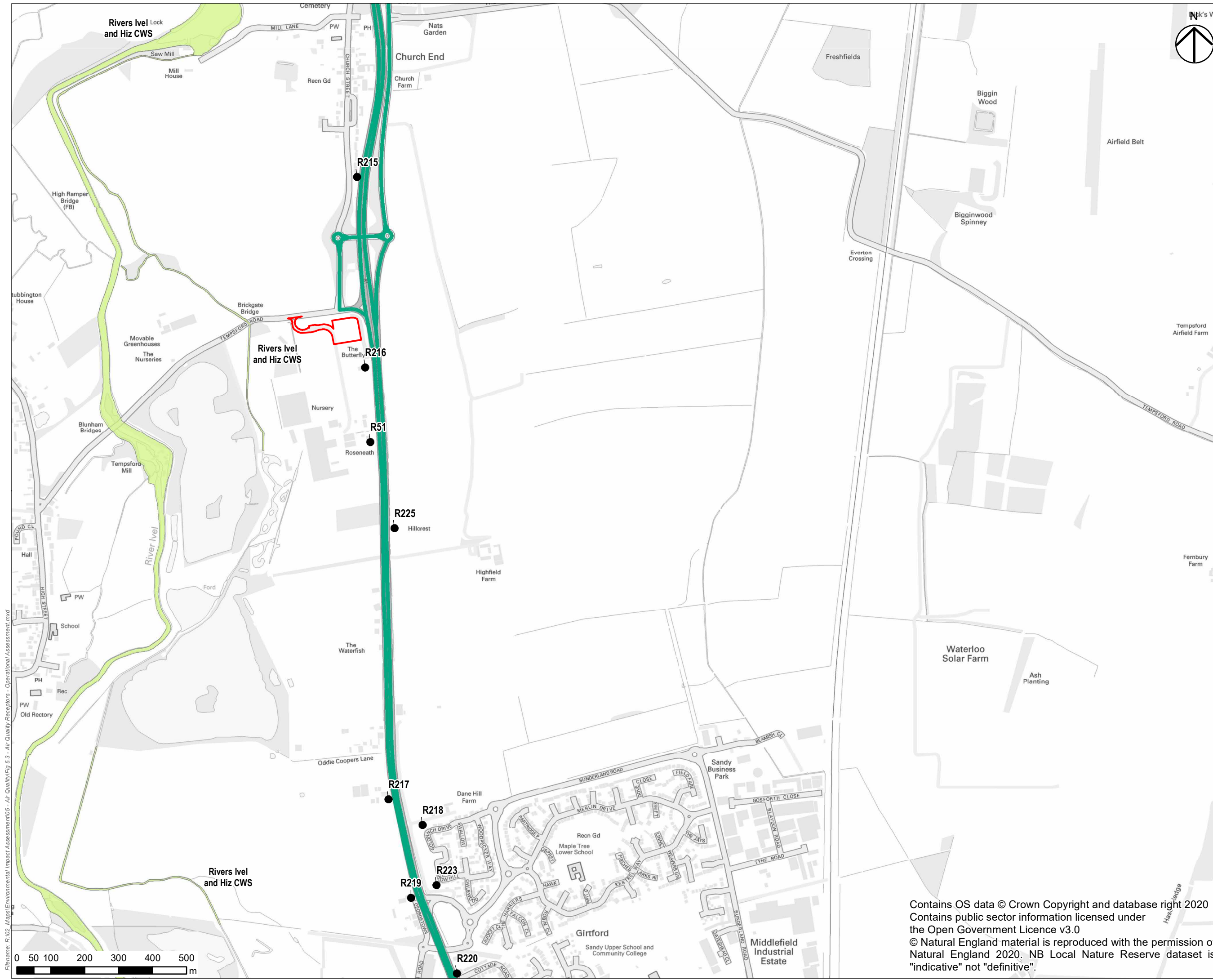
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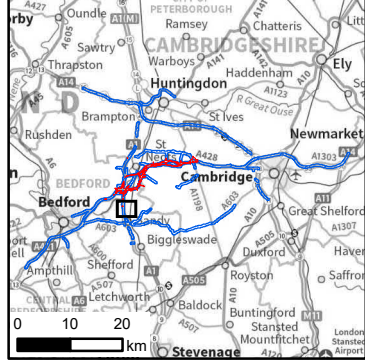
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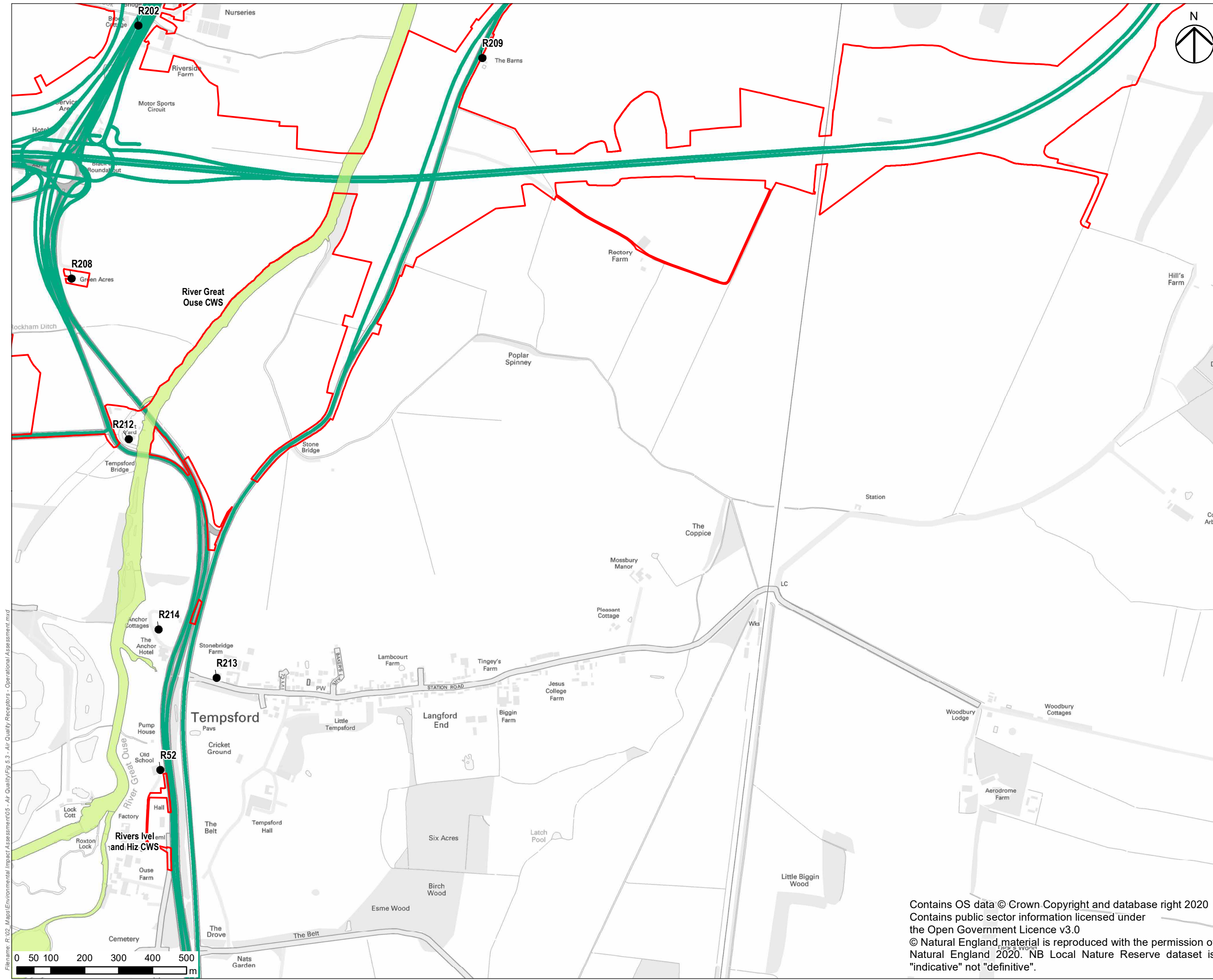
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 20 of 61

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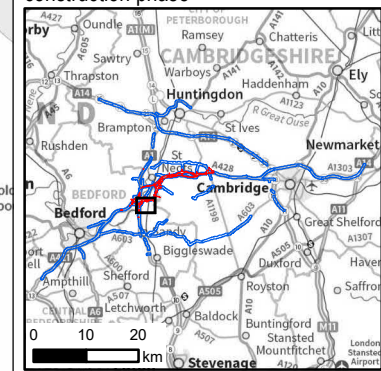
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 21 of 61

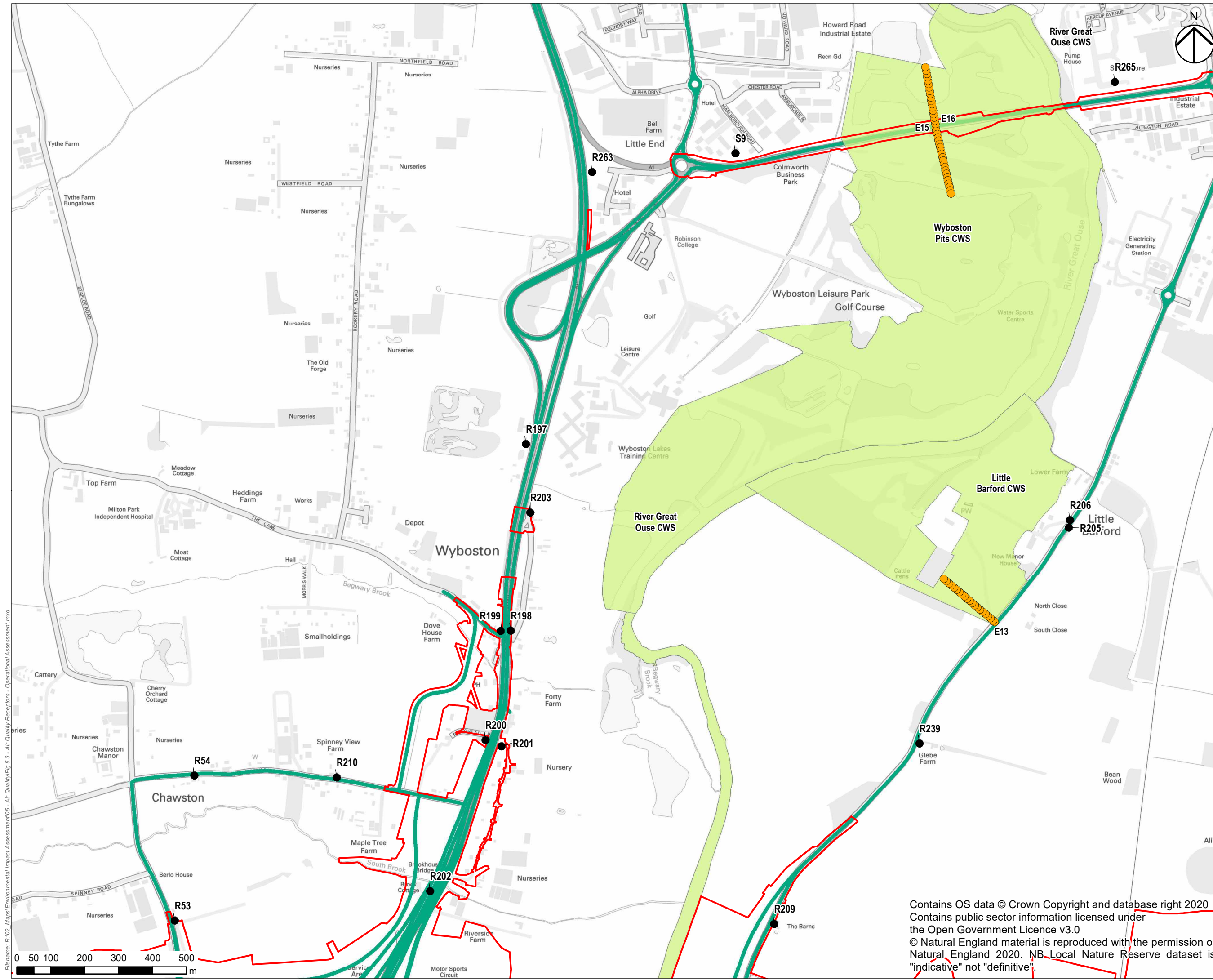
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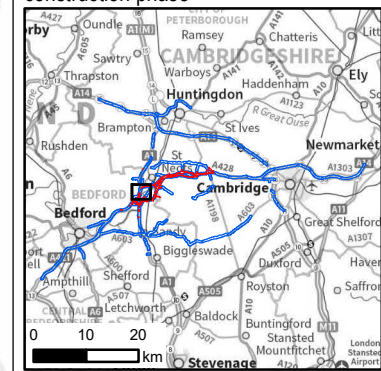
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REGULATION 5(2)(A)

LEGEND

- Order Limits
- Modelled Ecological Site Transects
- Modelled Public Exposure Receptor
- Affected Road Network (Operational) as modelled
- Ancient Woodland
- County Wildlife Site (CWS)
- Local Nature Reserve (LNR)
- Sites of Special Scientific Interest (SSSI)

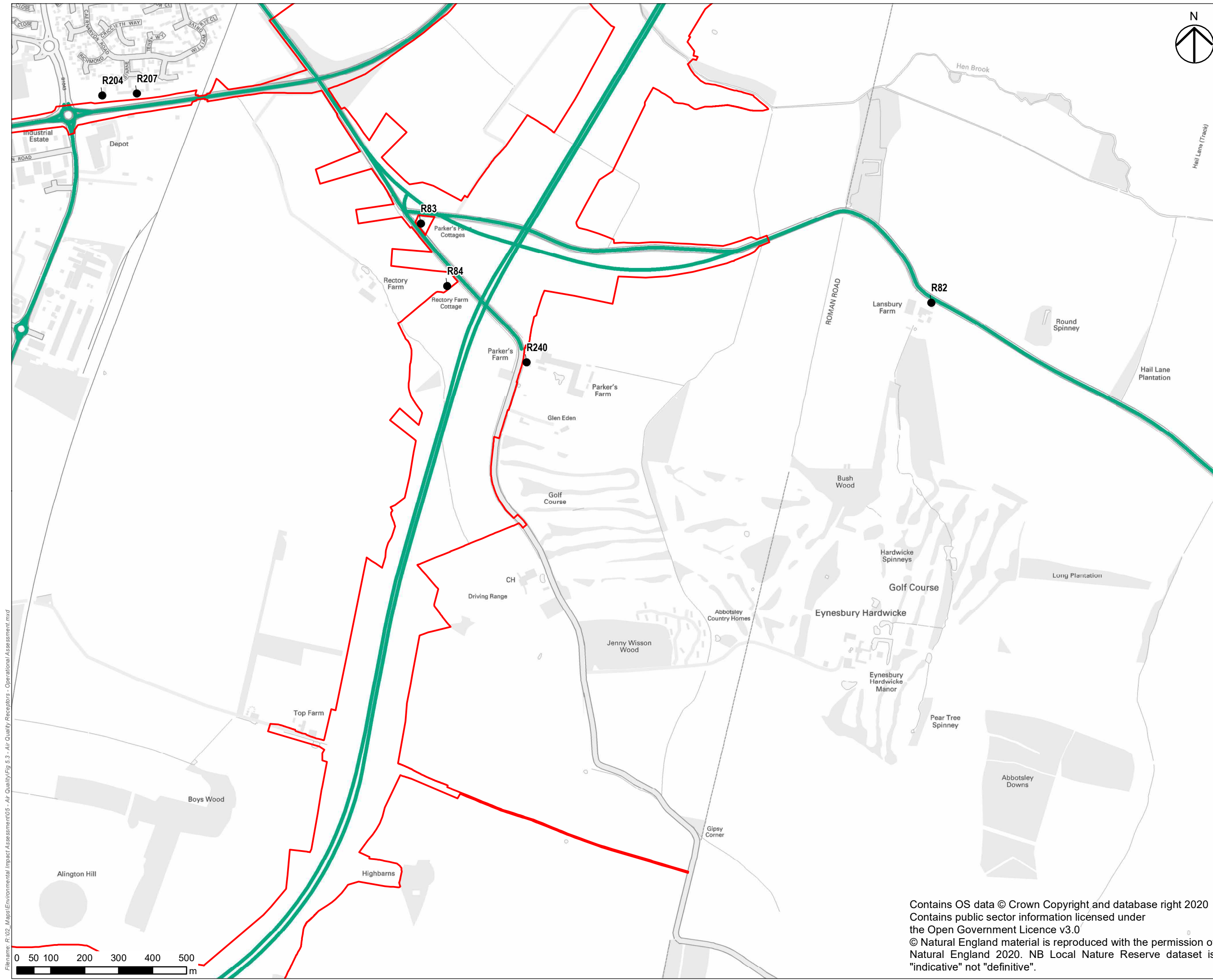
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Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 22 of 61			
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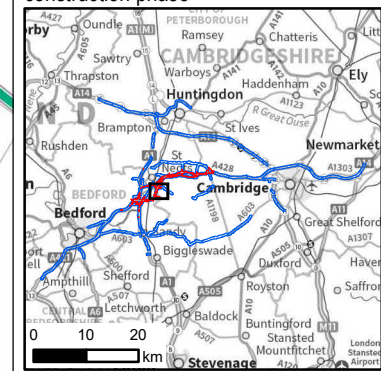
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 23 of 61

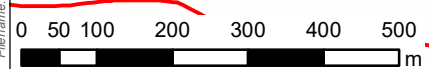
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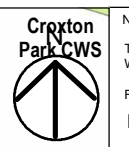
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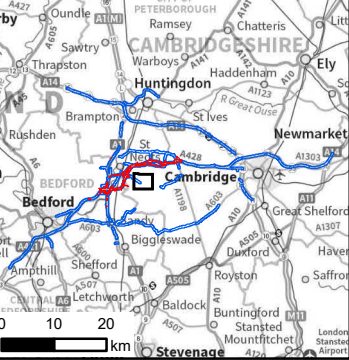
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 24 of 61

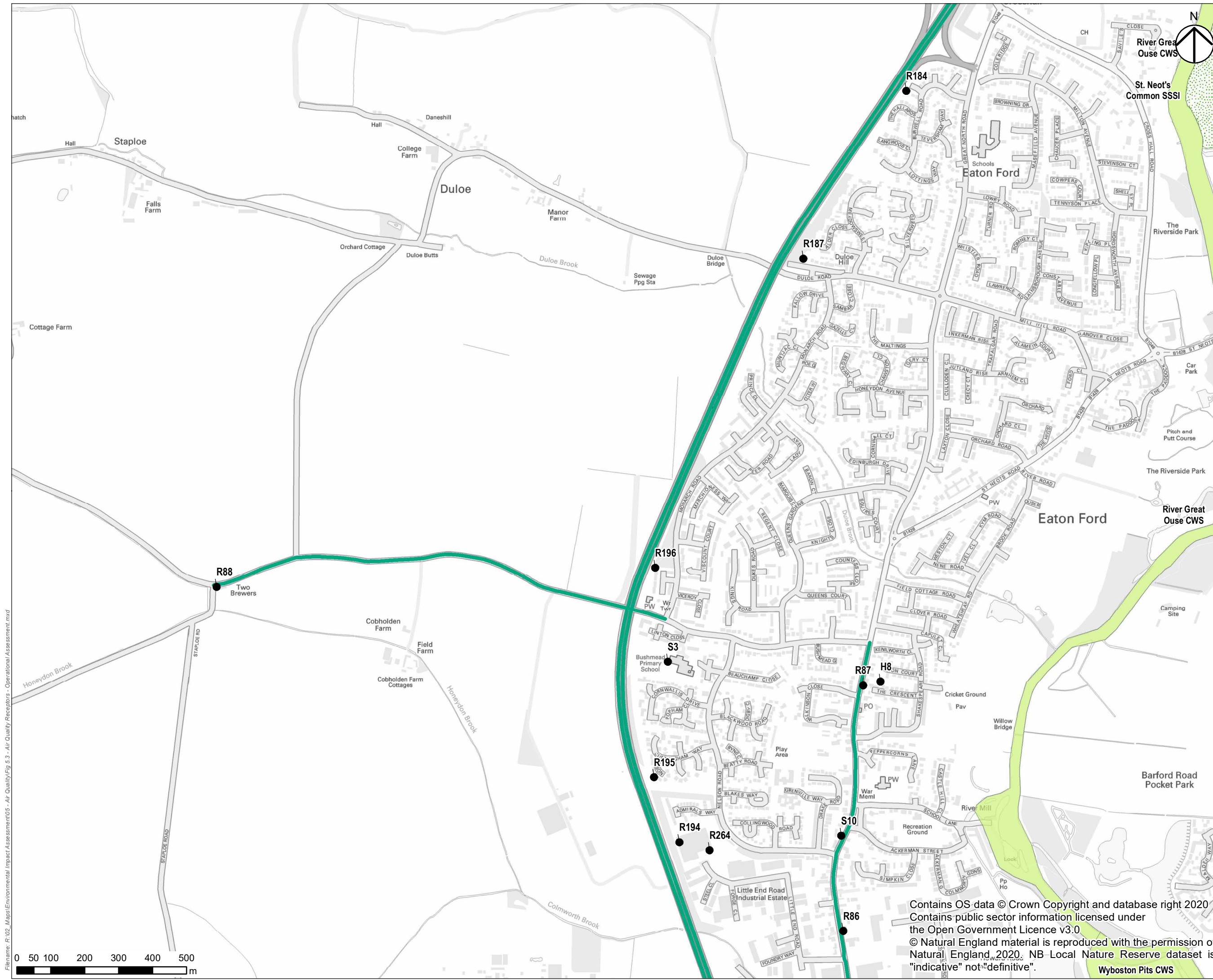
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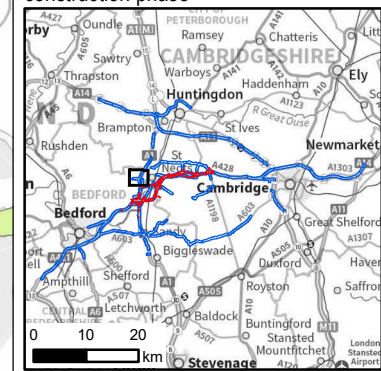
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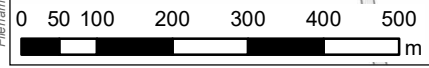
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 25 of 61

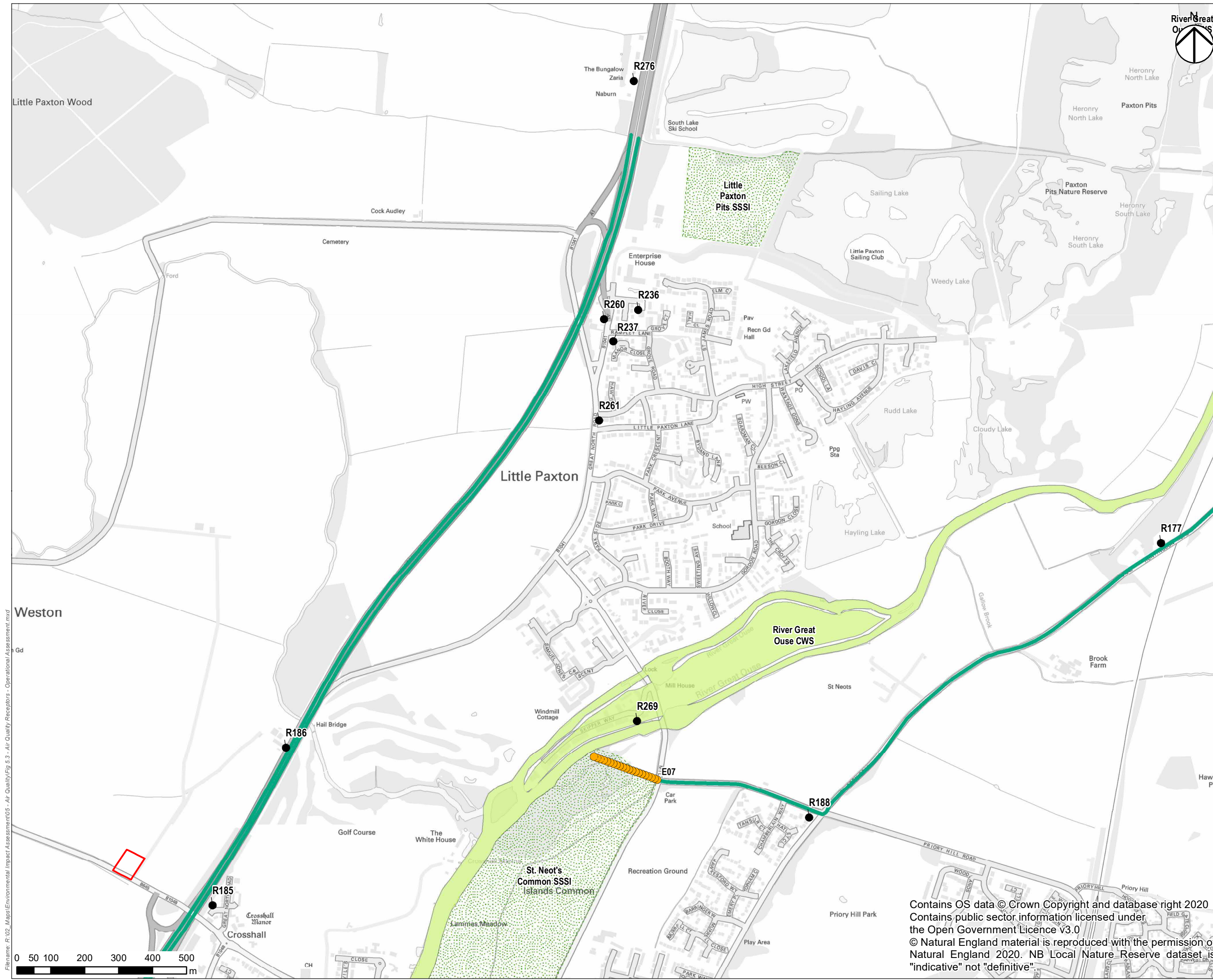
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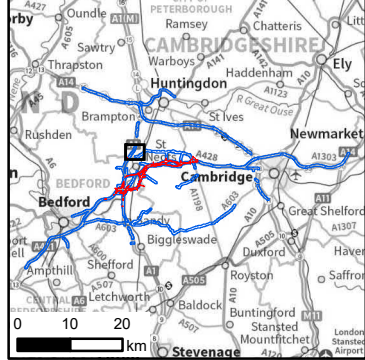
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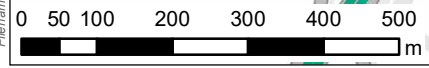
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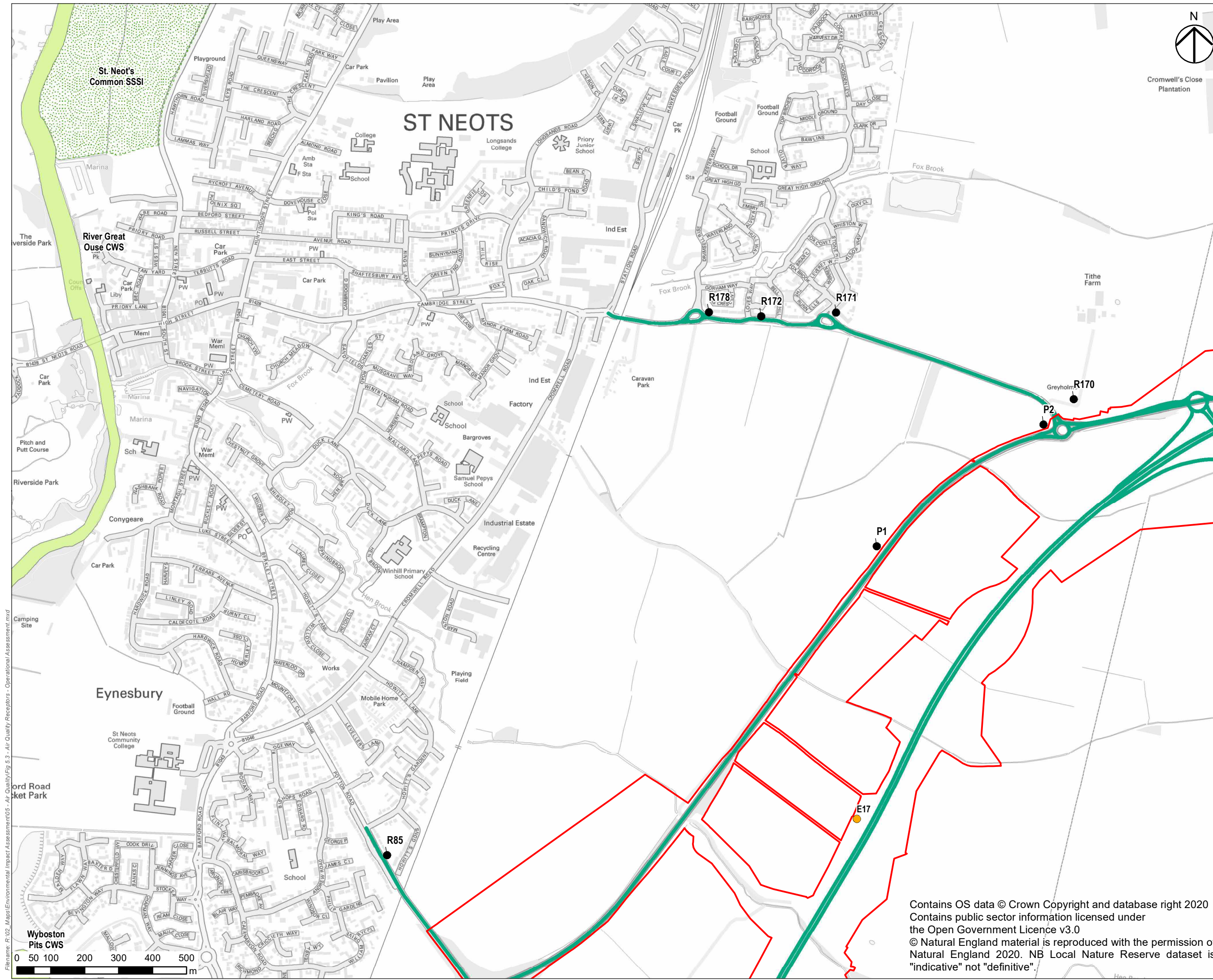
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 26 of 61

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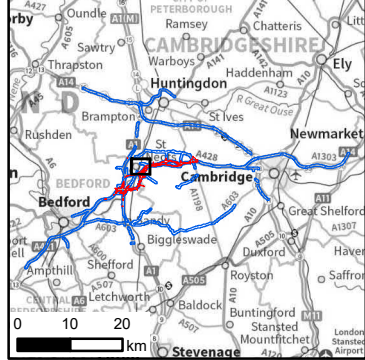




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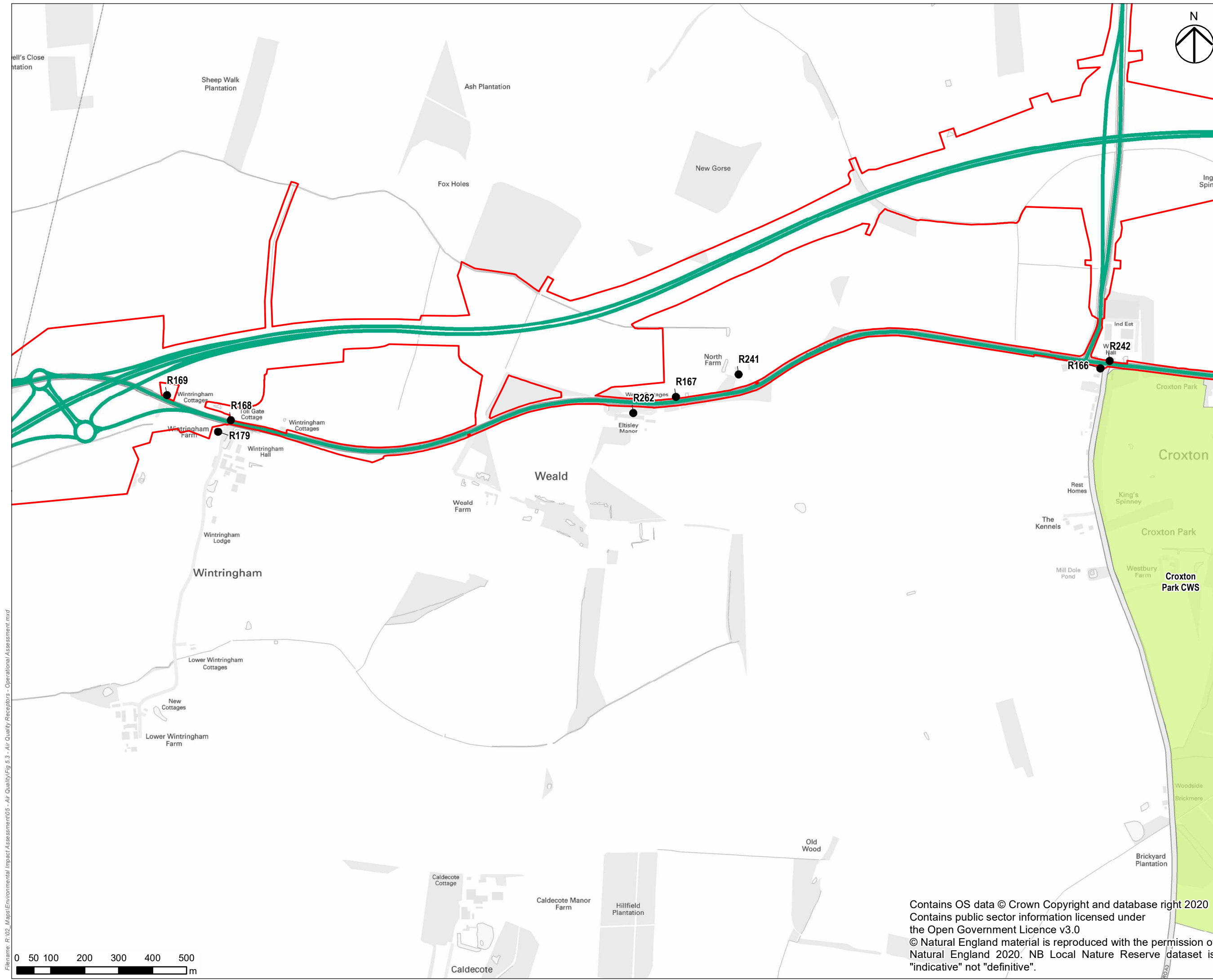
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 27 of 61

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Location	Type	Role	Number	

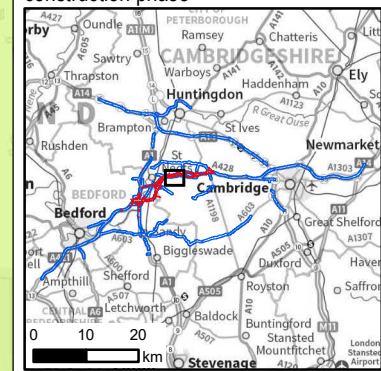
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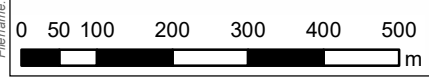


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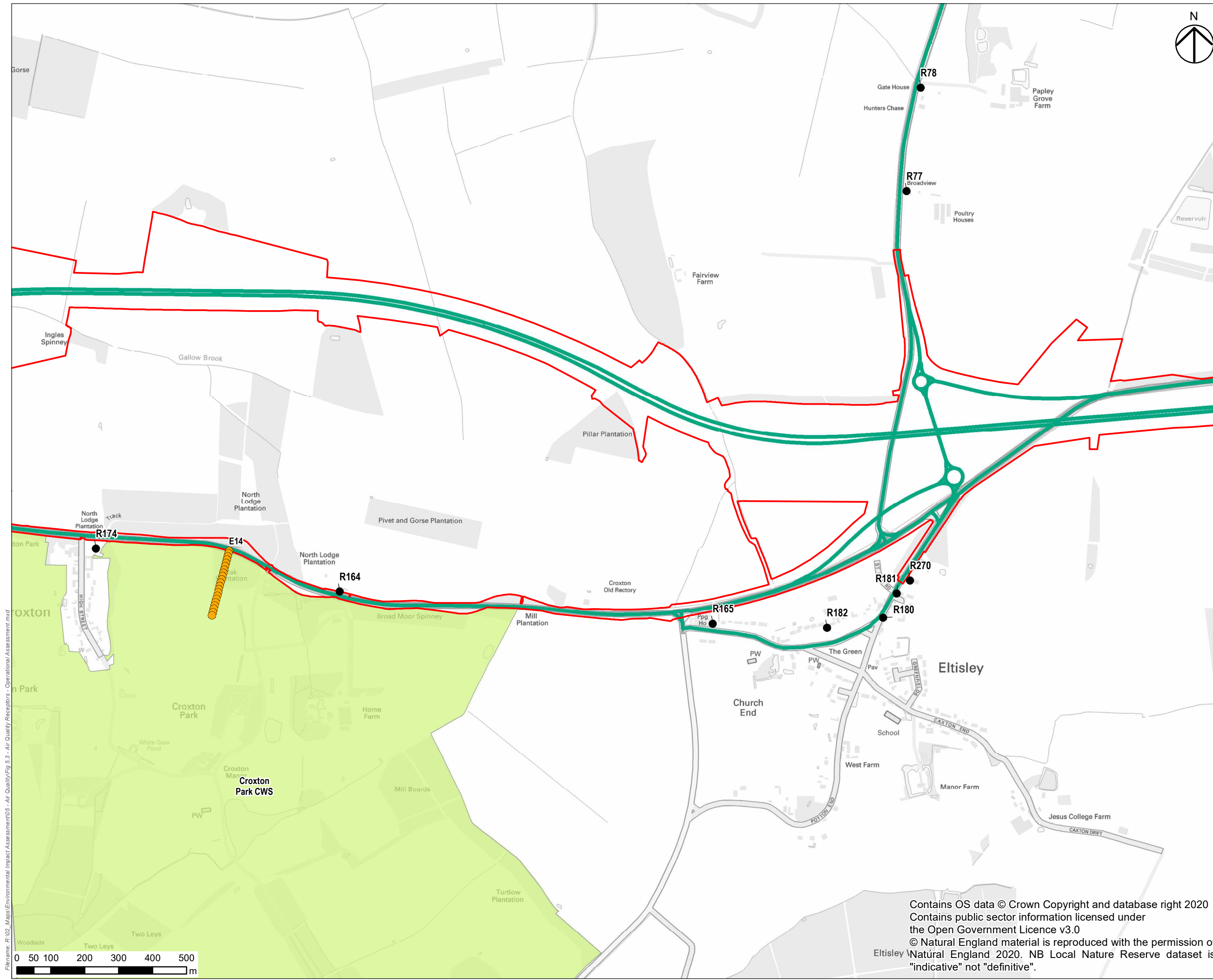


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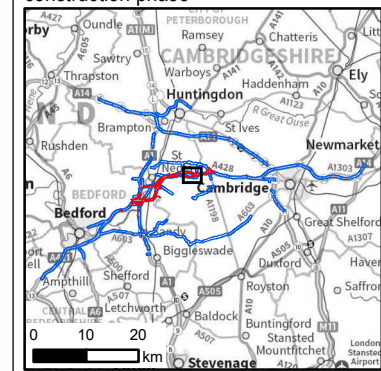
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Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 28 of 61			
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

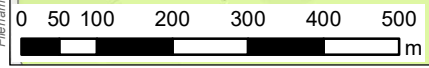
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 29 of 61

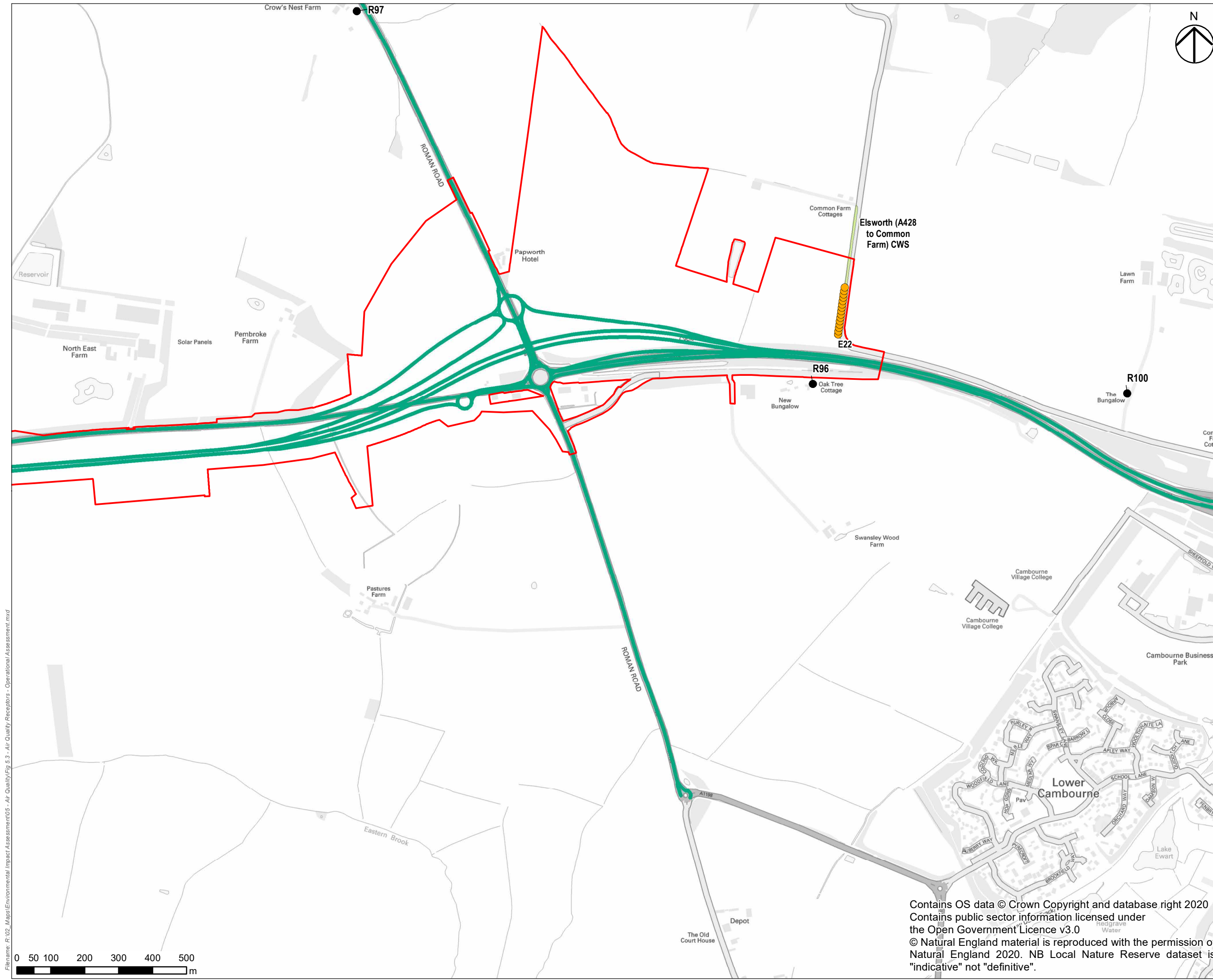
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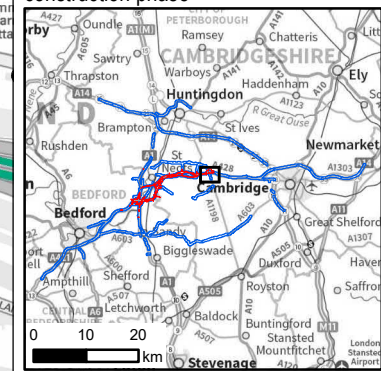
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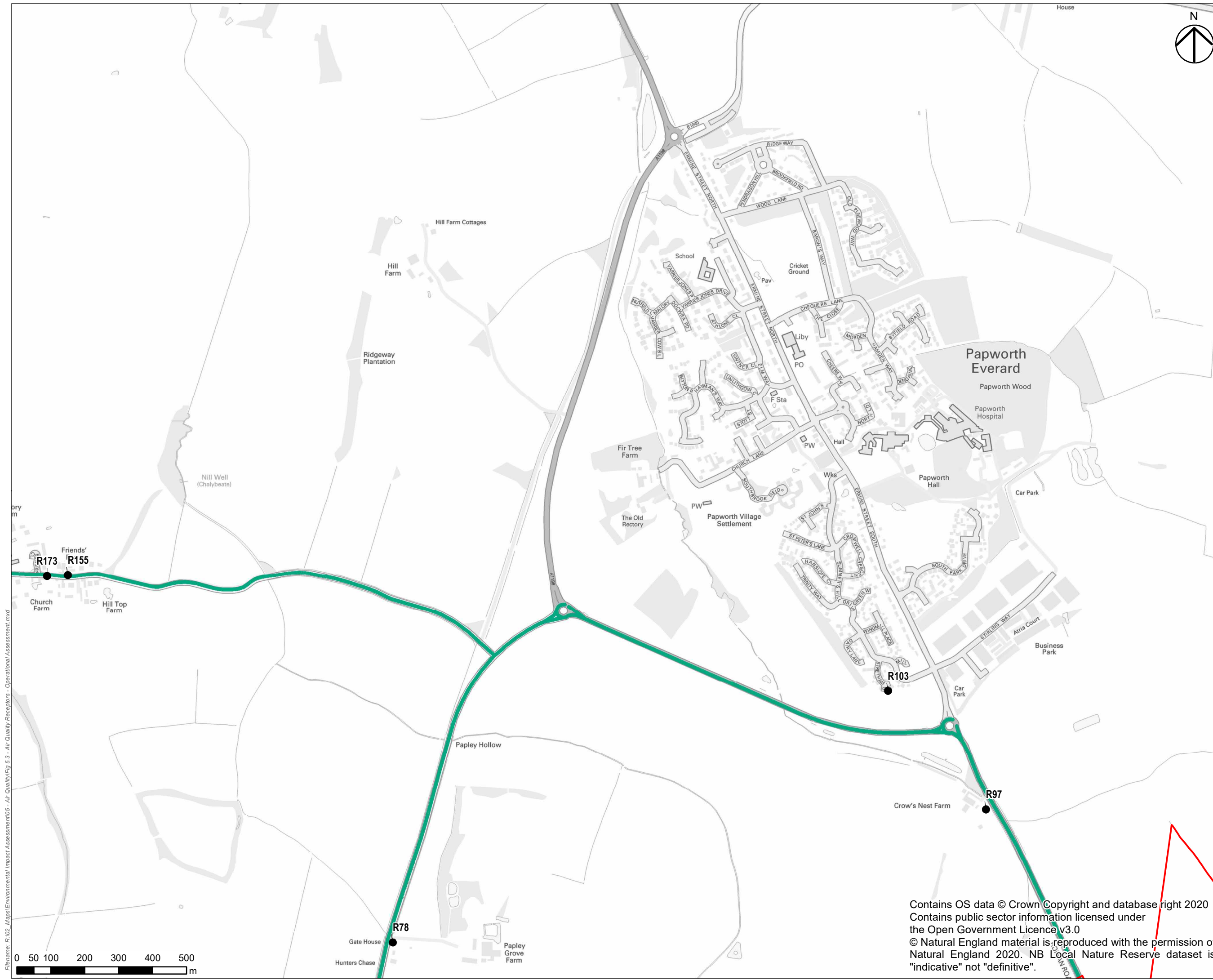
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Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 30 of 61			
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Internal Project No 60541541		Suitability D7	
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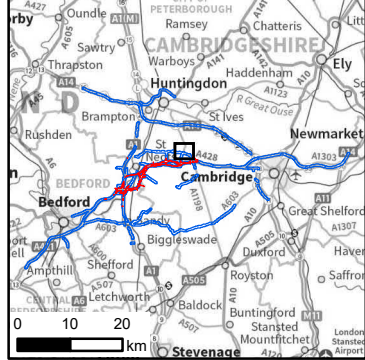
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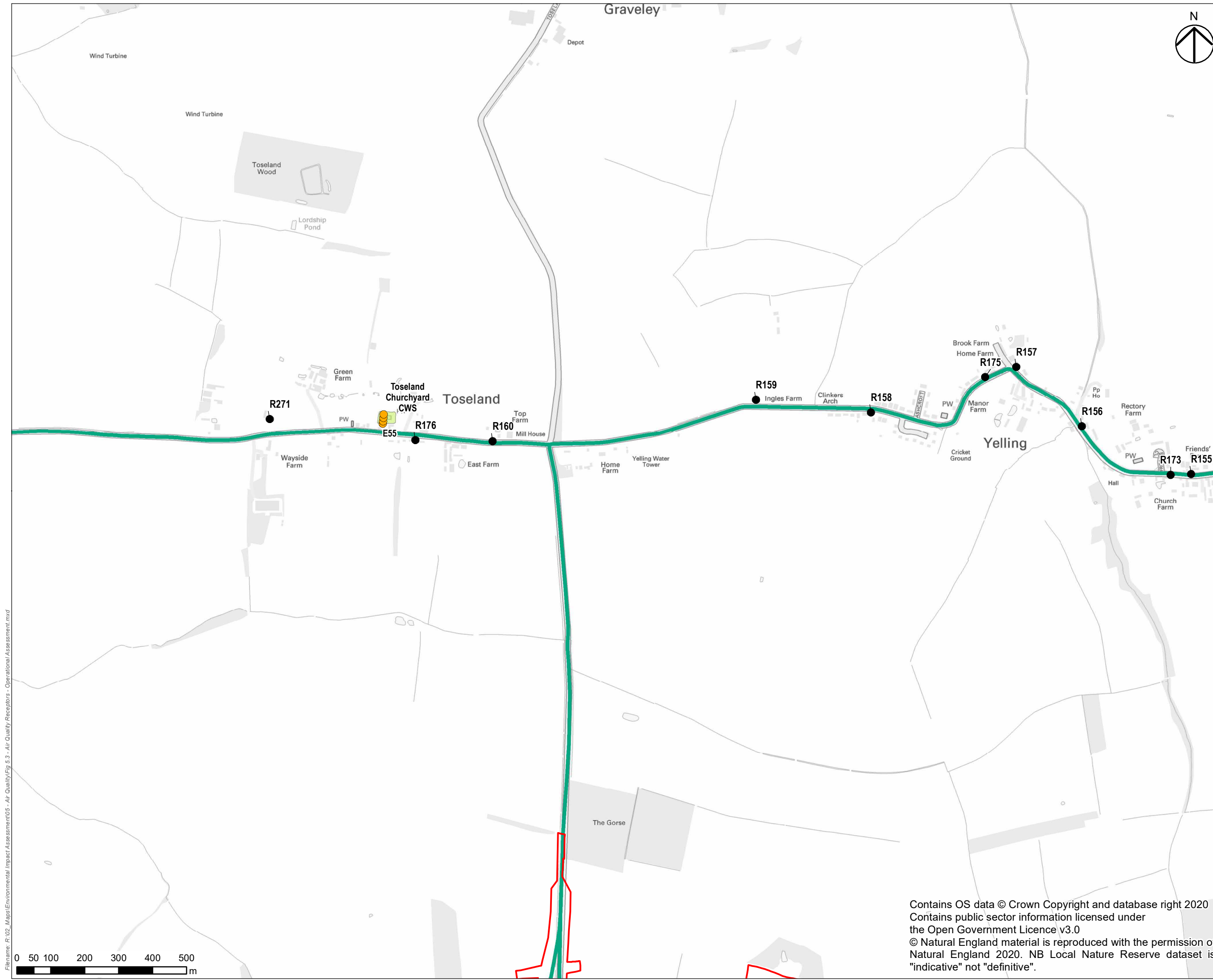
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**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 31 of 61**

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HE551495	-ACM	-EGN-	PO1
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Location	Type	Role	Number

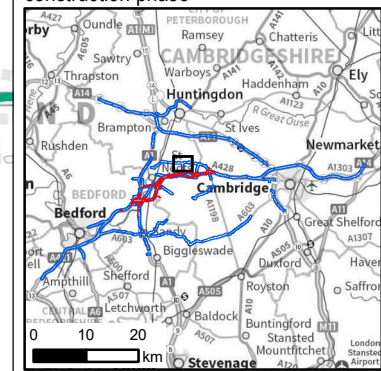
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- REGULATION 5(2)(A)
- LEGEND**
- Order Limits
 - Modelled Ecological Site Transects
 - Modelled Public Exposure Receptor
 - Affected Road Network (Operational) as modelled
 - Ancient Woodland
 - County Wildlife Site (CWS)
 - Local Nature Reserve (LNR)
 - Sites of Special Scientific Interest (SSSI)

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Purpose of Issue

DCO APPLICATION

Client
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Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW



Development Consent Order Number

TR010044

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

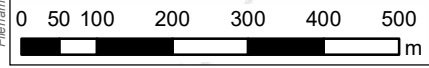
**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 32 of 61**

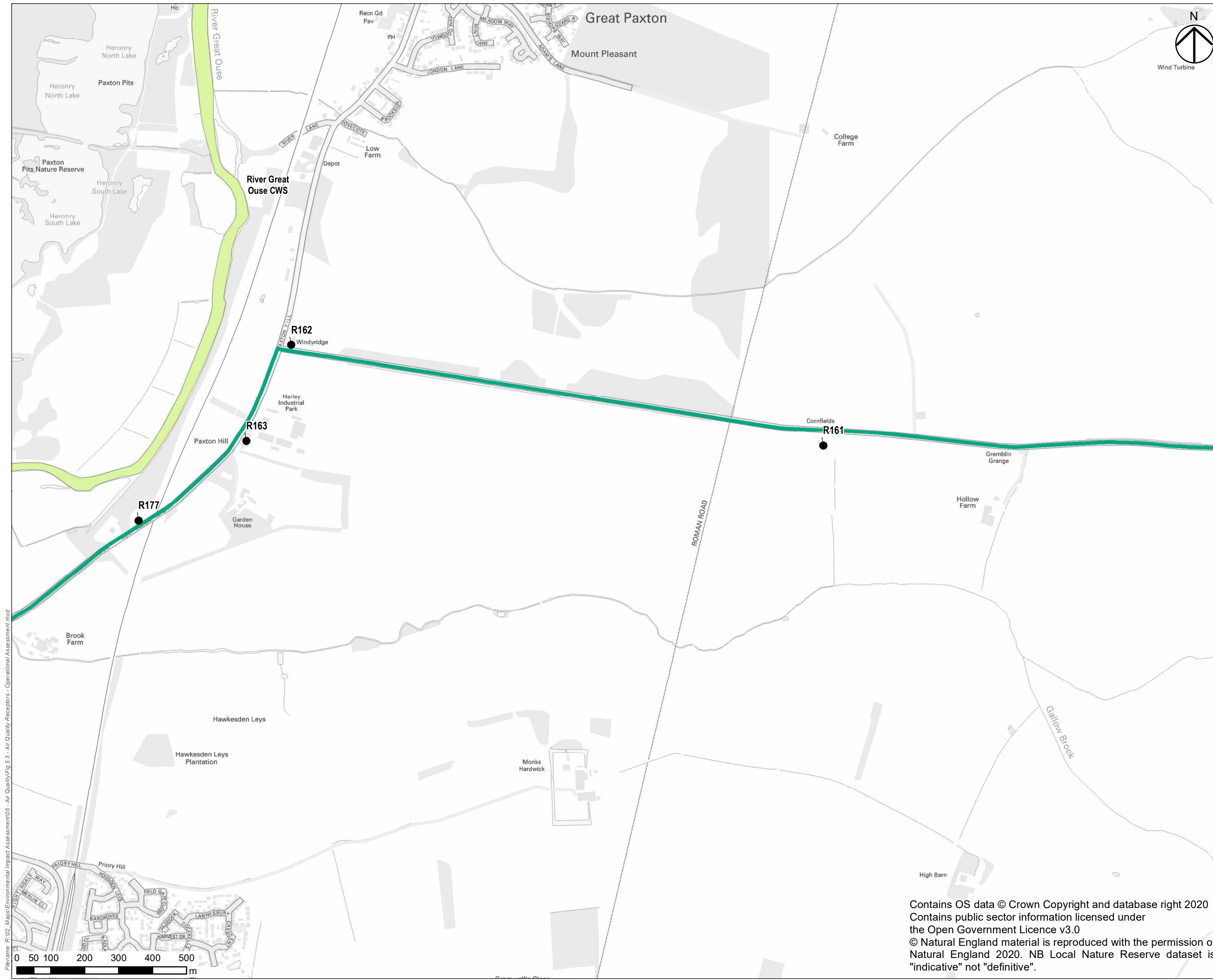
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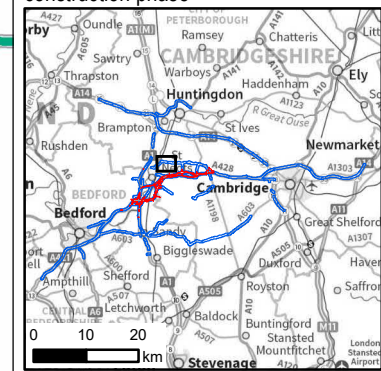
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REGULATION 5(2)(A)

LEGEND

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Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

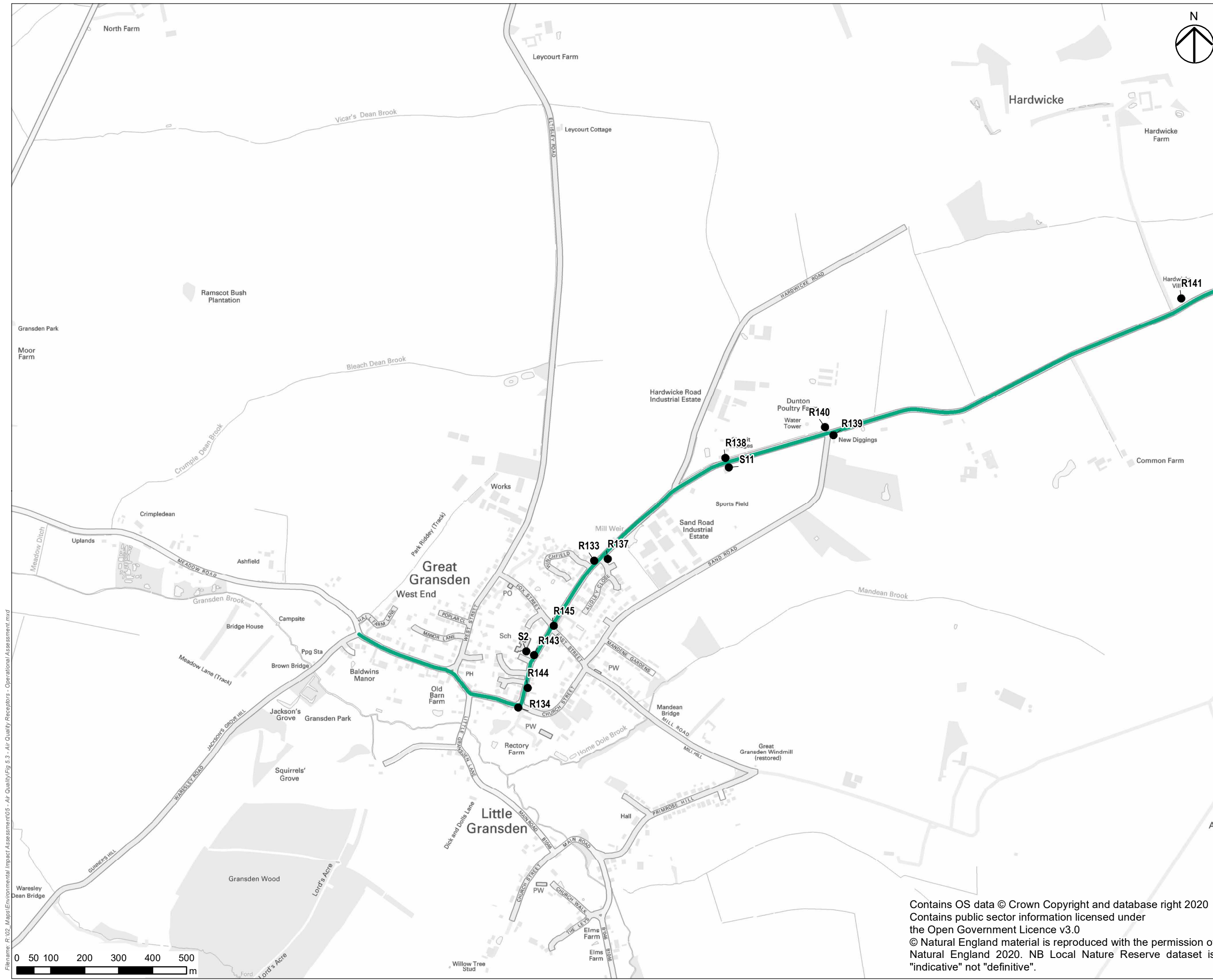
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 33 of 61

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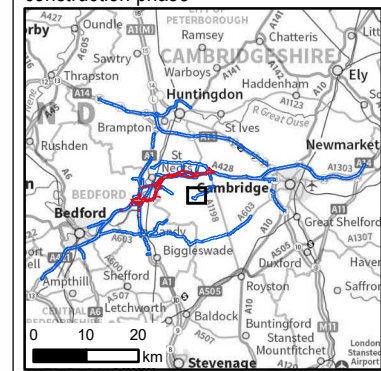
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Manton Lane
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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

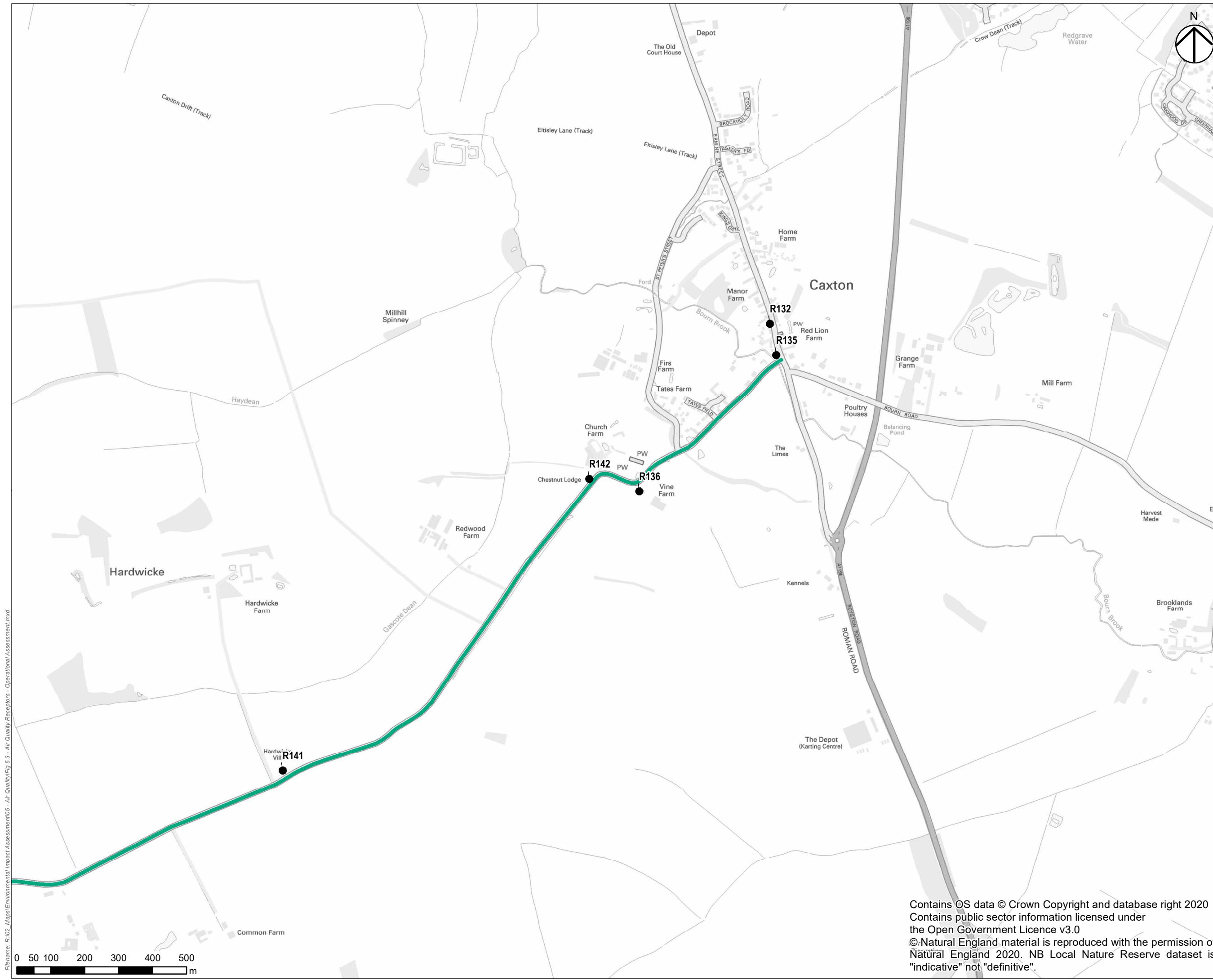
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 34 of 61

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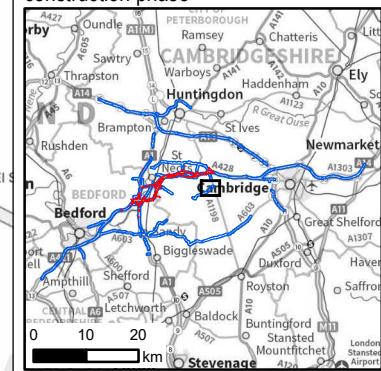
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REGULATION 5(2)(A)

LEGEND

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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 35 of 61

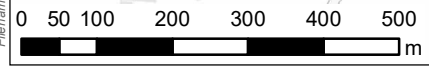
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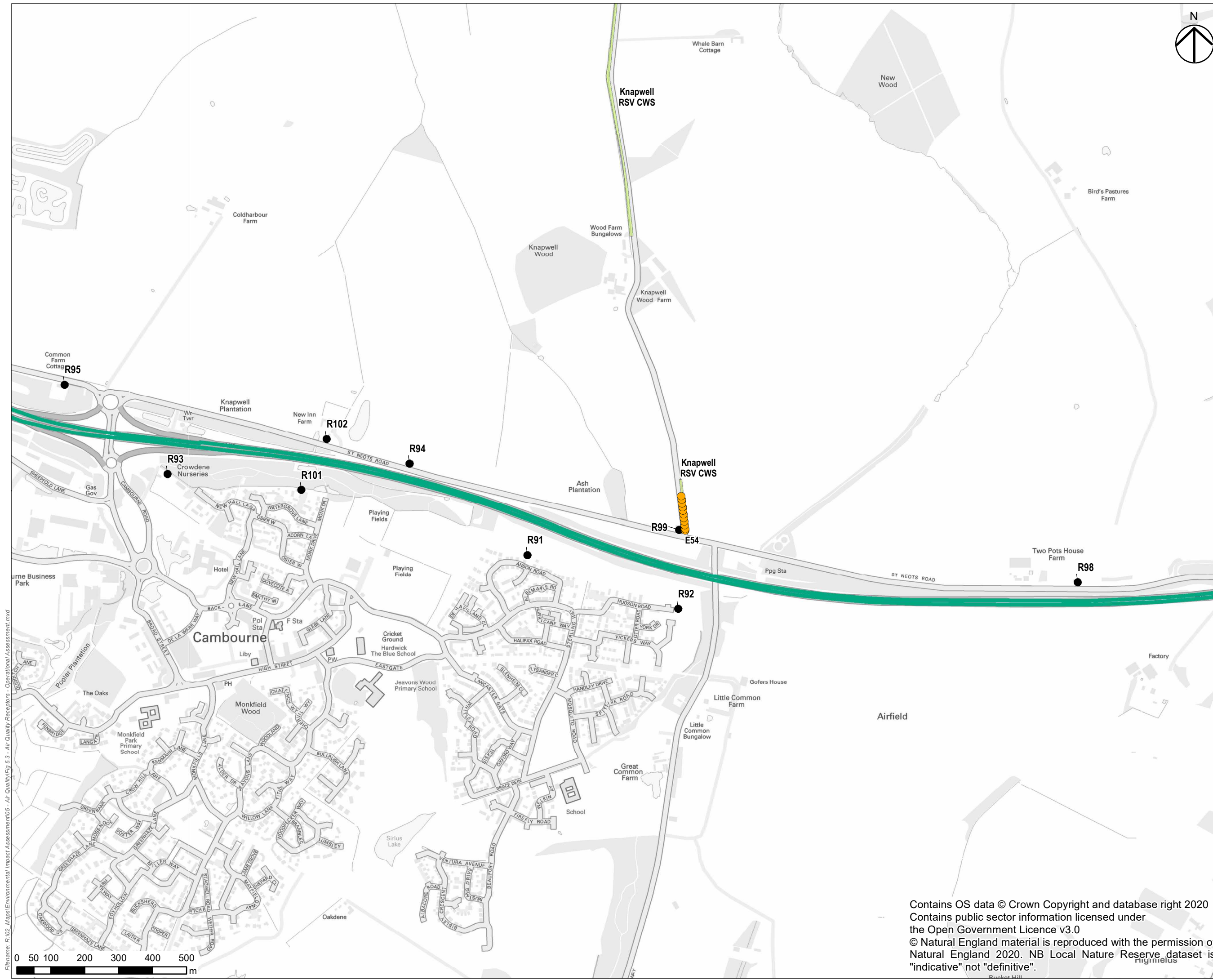
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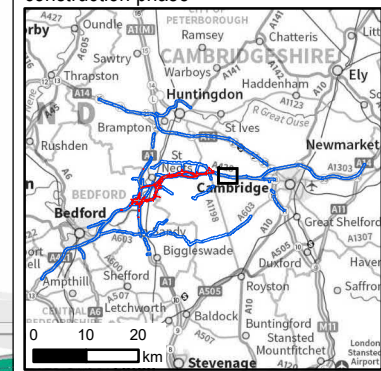
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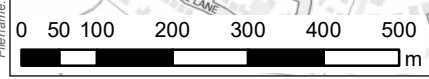


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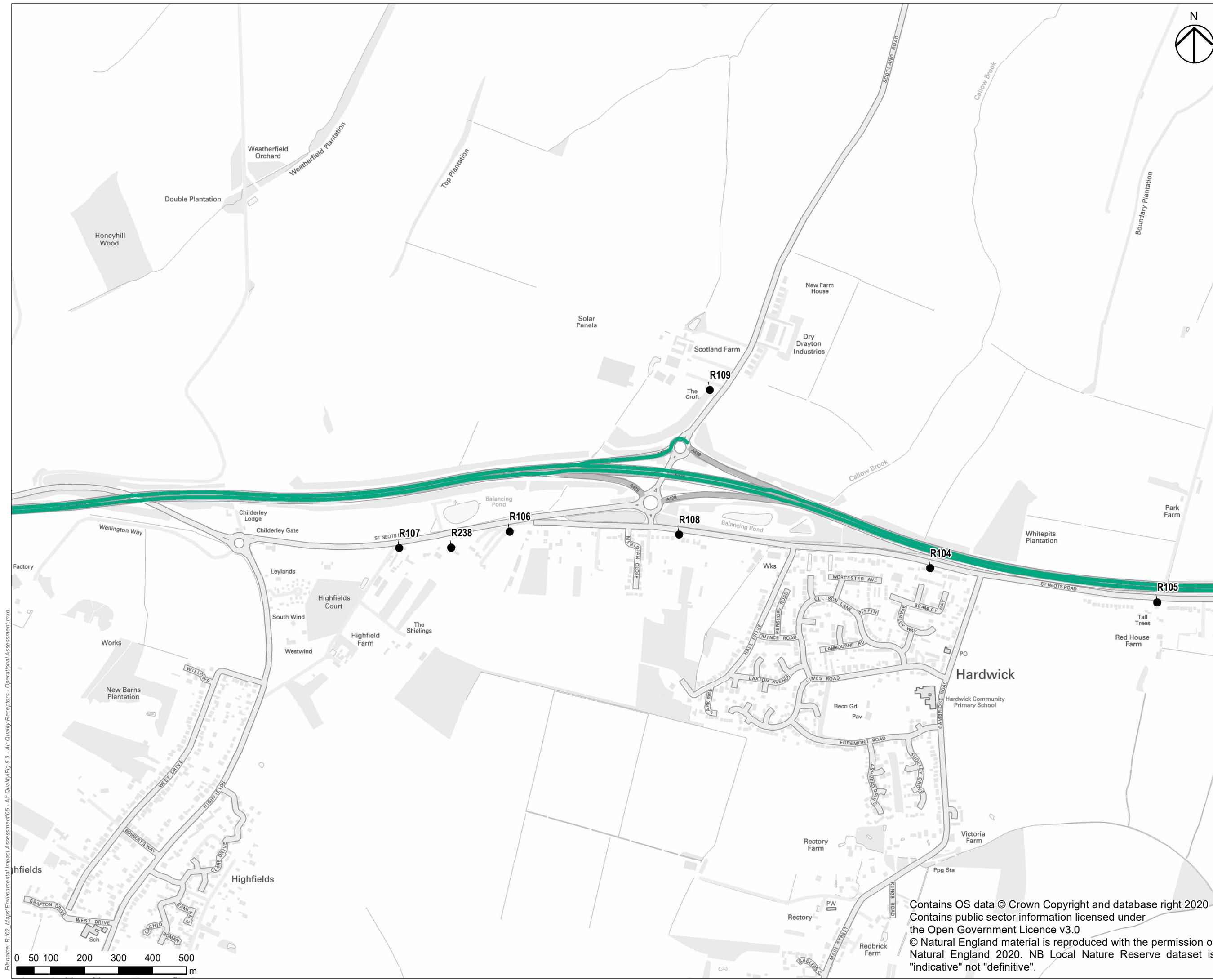


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DCO APPLICATION					
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW					
Development Consent Order Number TR010044					
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS					
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 36 of 61					
Designed NE	Drawn TD	Checked LH	Approved JG	Date 26/02/2021	
Internal Project No 60541541			Suitability D7		
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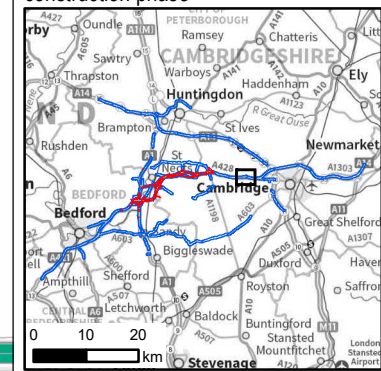
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 Bedford
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Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

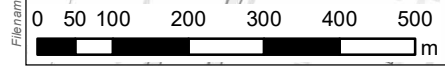
Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 37 of 61

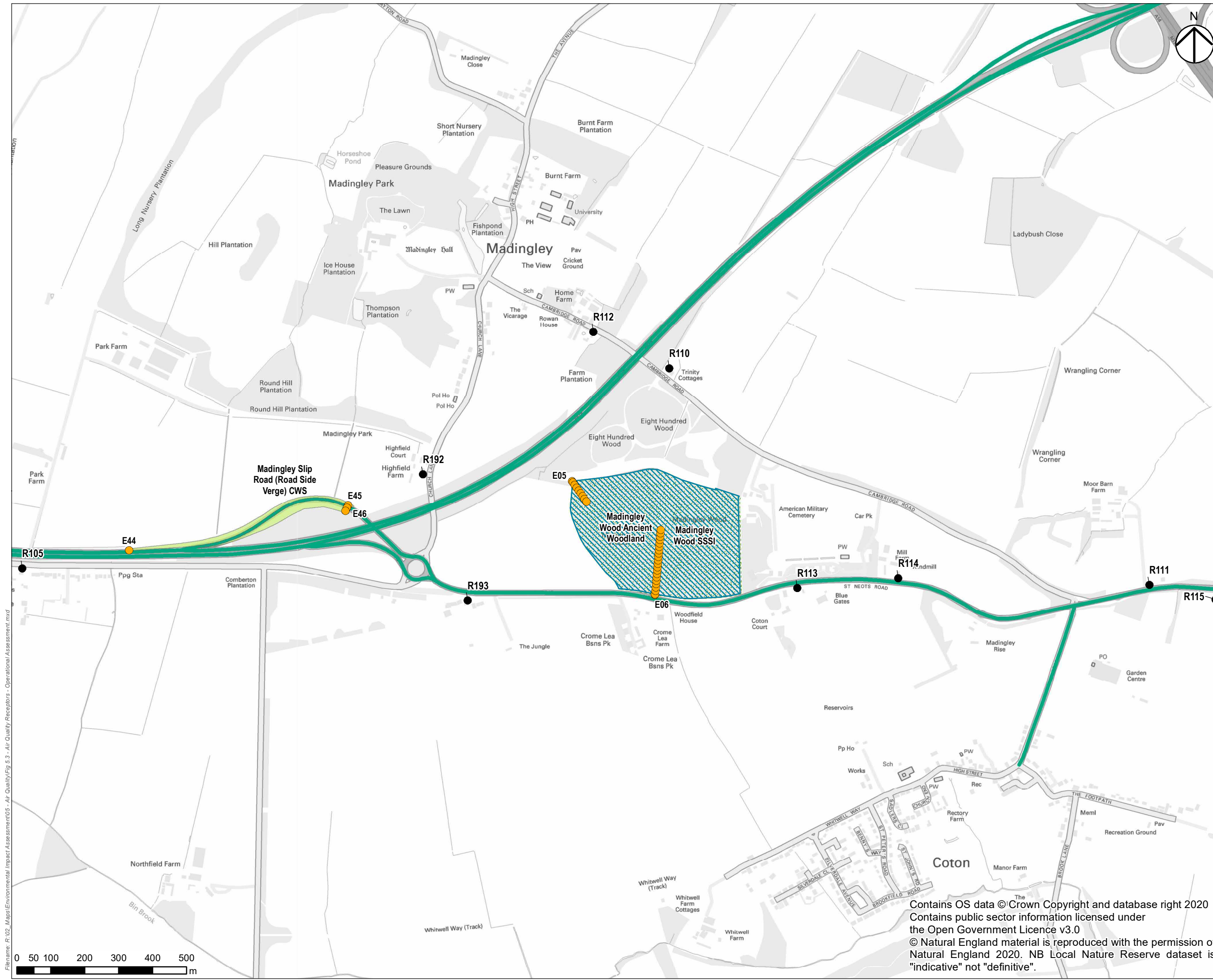
Designed	Drawn	Checked	Approved	Date
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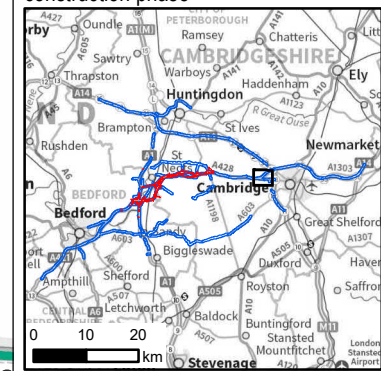
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 REGULATION 5(2)(A)
LEGEND
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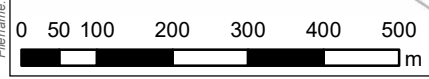
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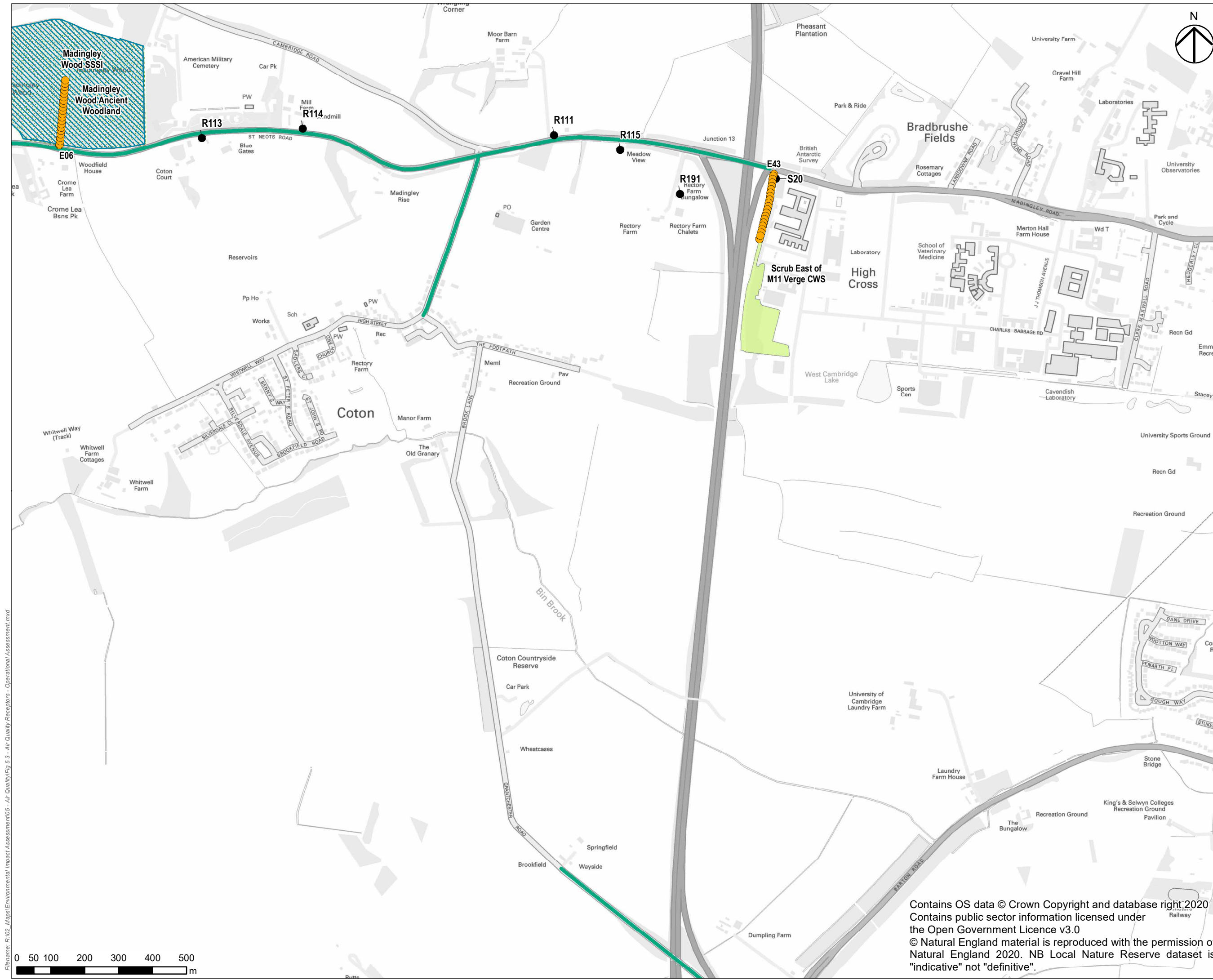


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Revision Details						
Purpose of Issue						
DCO APPLICATION						
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW						
Development Consent Order Number TR010044						
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS						
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 38 of 61						
Designed NE	Drawn TD	Checked LH	Approved JG	Date	26/02/2021	
Internal Project No 60541541			Sustainability D7			
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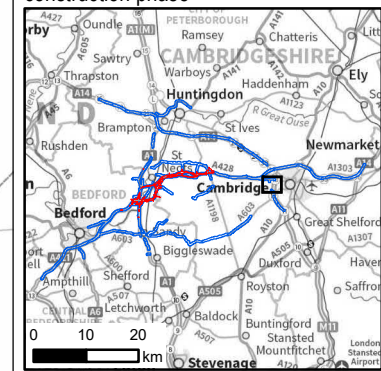
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Project Title			
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title			
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 39 of 61			
Designed	Drawn	Checked	Approved
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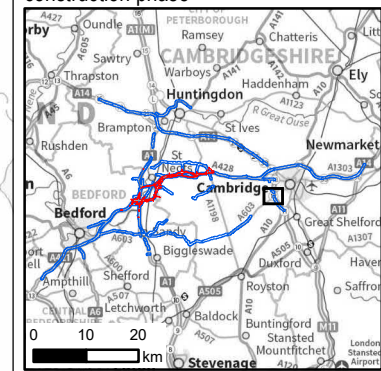
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REGULATION 5(2)(A)

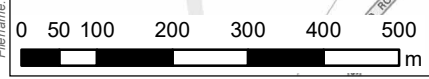
LEGEND

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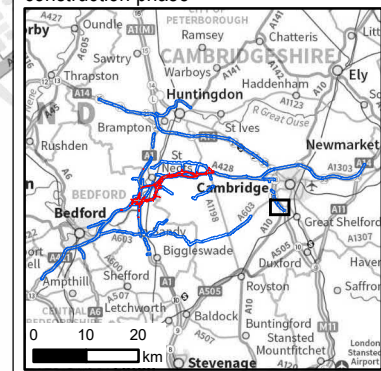
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Development Consent Order Number TR010044			
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 40 of 61			
Designed NE	Drawn TD	Checked LH	Approved JG
Internal Project No 60541541		Date 26/02/2021	
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Location GEN_Z_Z_ZZ	Type -GS-GI	Role -0033	Number



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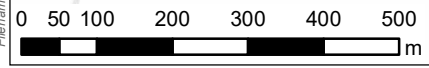
Project Title
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Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 41 of 61

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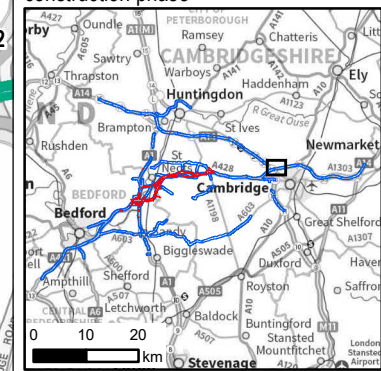


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- REGULATION 5(2)(A)
- LEGEND**
- Order Limits
 - Modelled Ecological Site Transects
 - Modelled Public Exposure Receptor
 - Affected Road Network (Operational) as modelled
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 - County Wildlife Site (CWS)
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Client
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Woodlands
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Bedford
MK41 7LW

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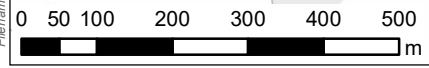
Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 42 of 61

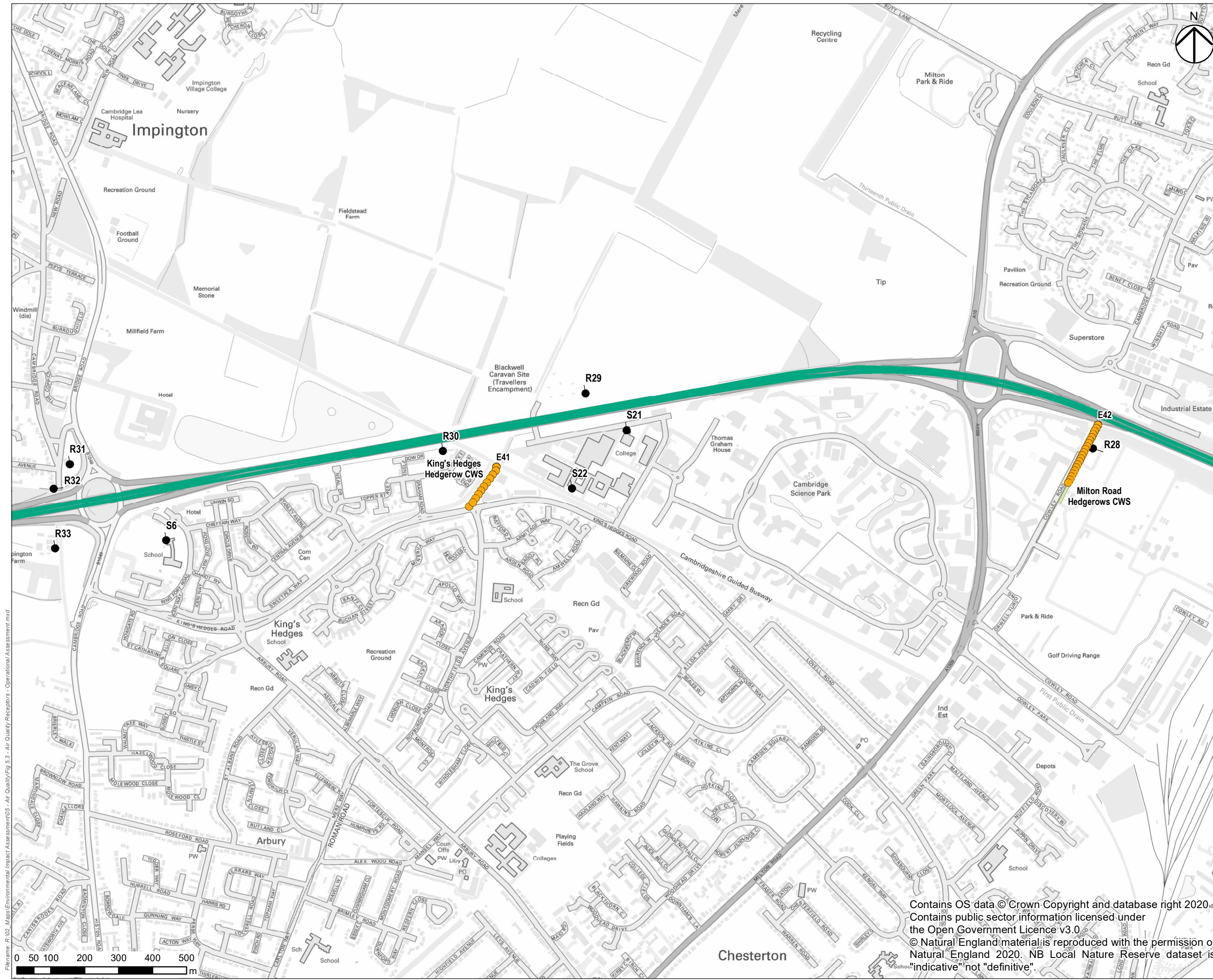
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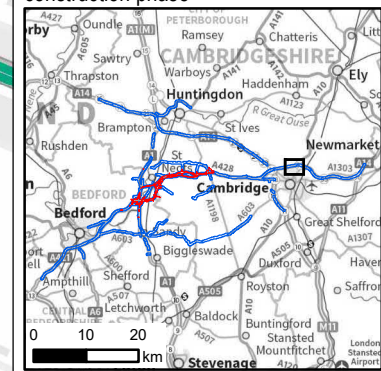
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REGULATION 5(2)(A)

LEGEND

- Order Limits
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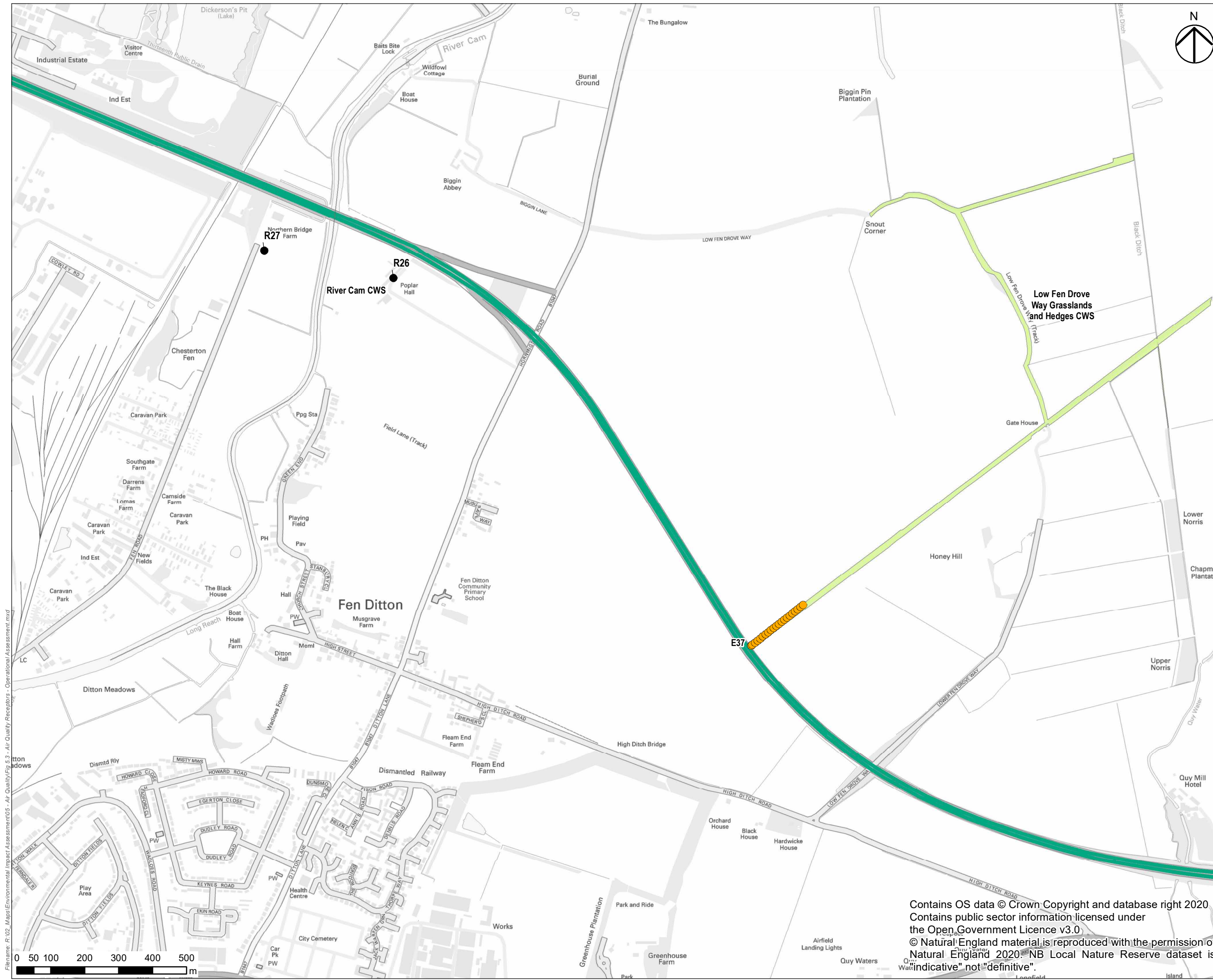
Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 43 of 61

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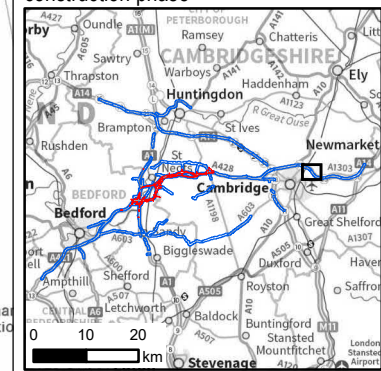
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- REGULATION 5(2)(A)
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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

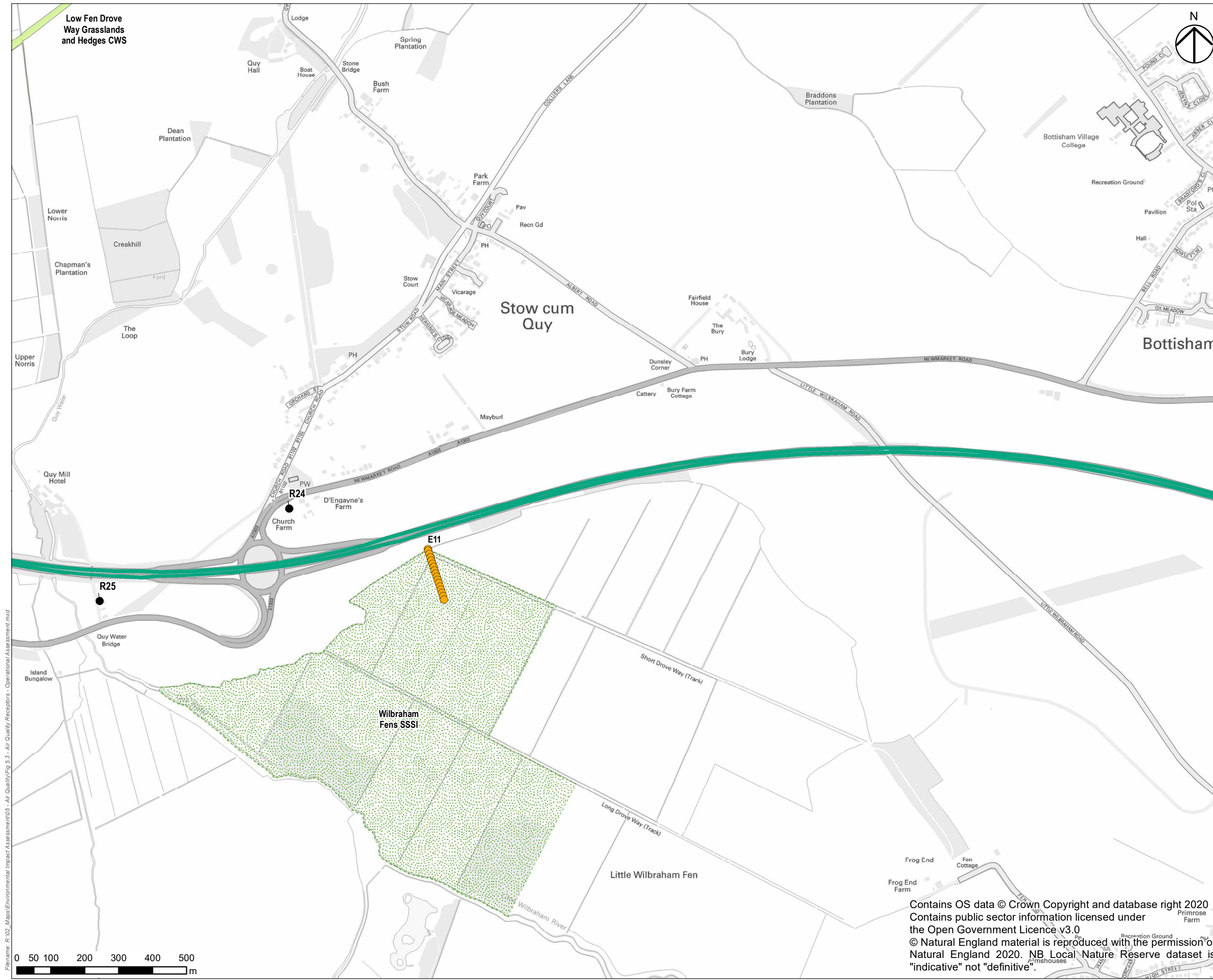
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 44 of 61

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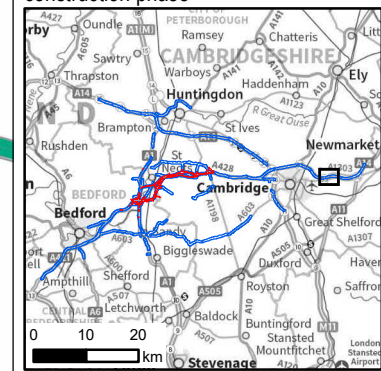
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REGULATION 5(2)(A)

LEGEND

- Order Limits
- Modelled Ecological Site Transects
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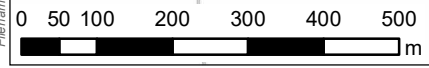
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Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 45 of 61

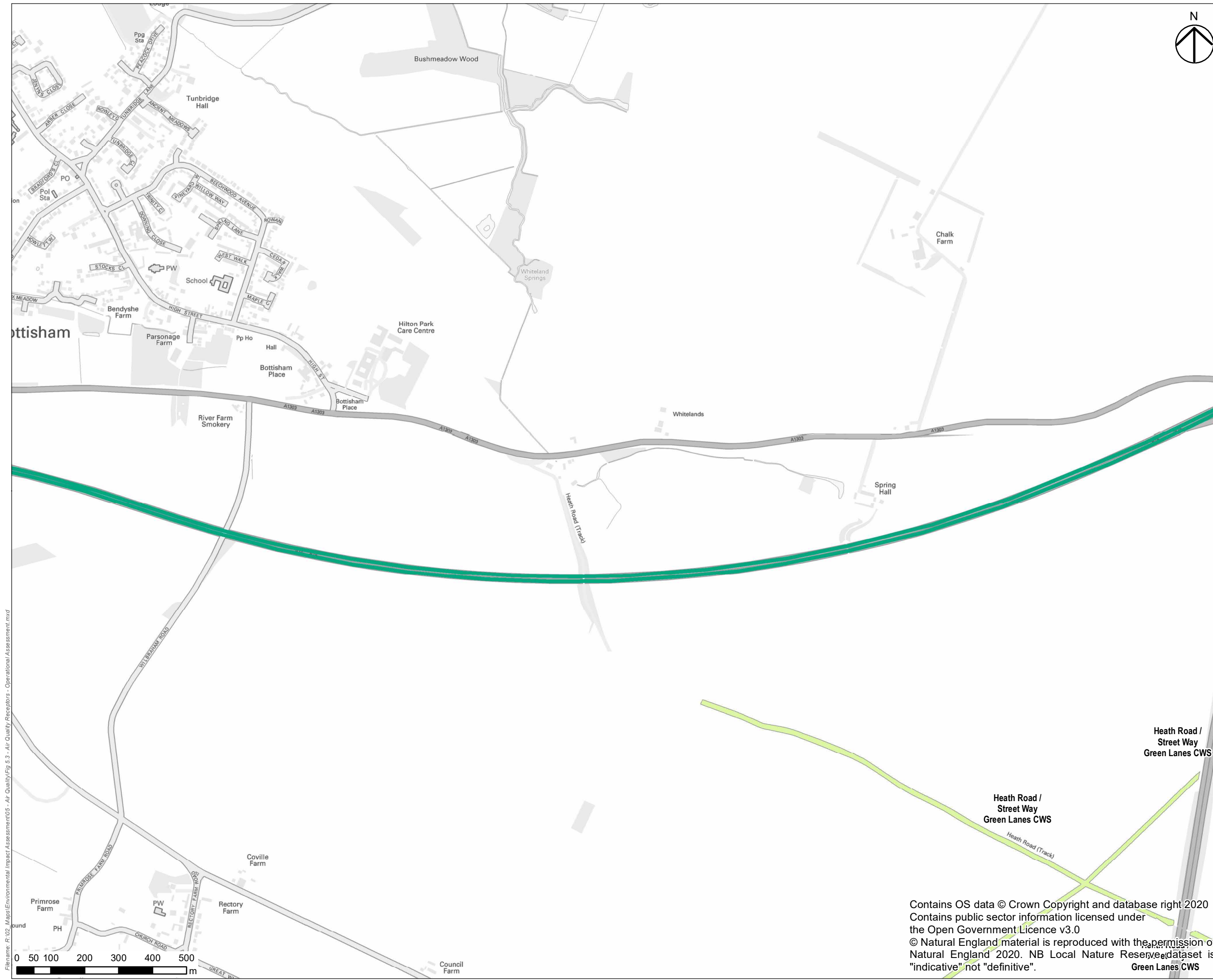
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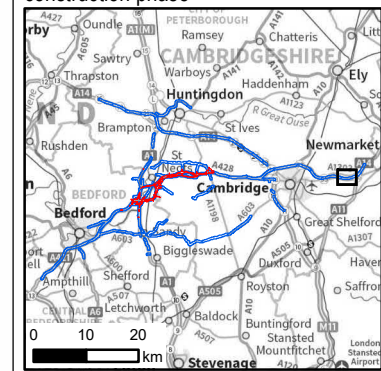


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- REGULATION 5(2)(A)
- LEGEND**
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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 46 of 61

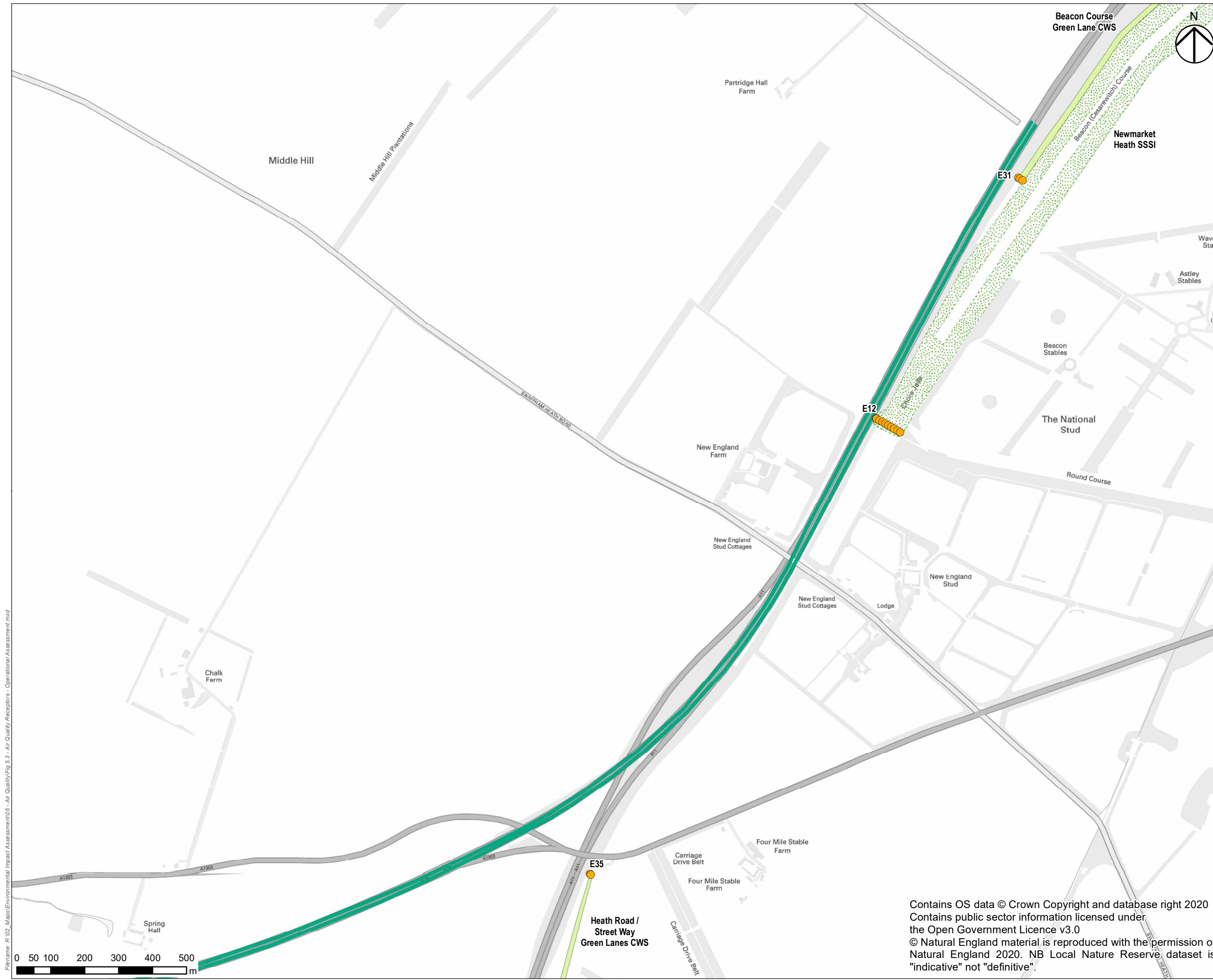
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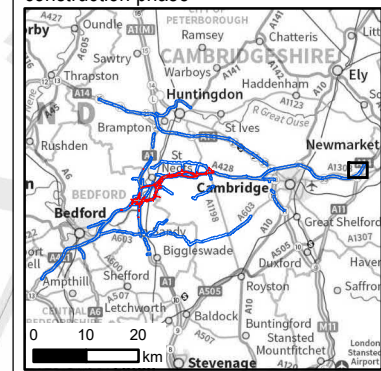
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REGULATION 5(2)(A)

LEGEND

- Order Limits
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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 47 of 61

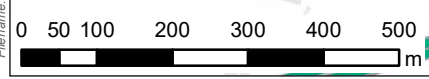
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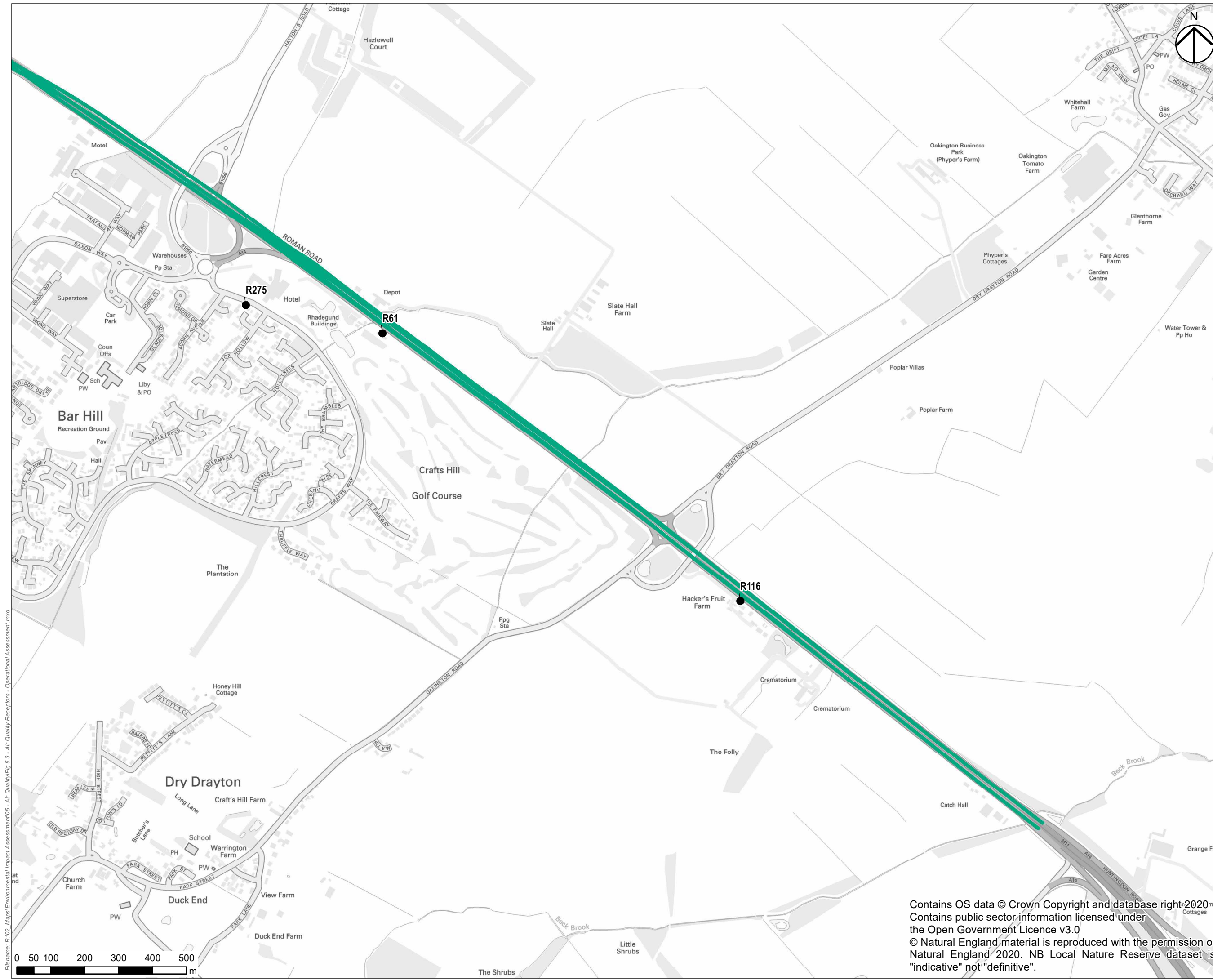
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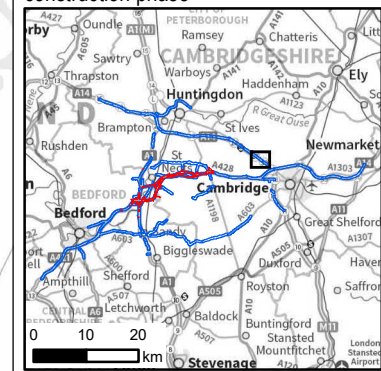
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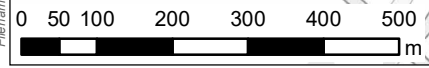
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 48 of 61

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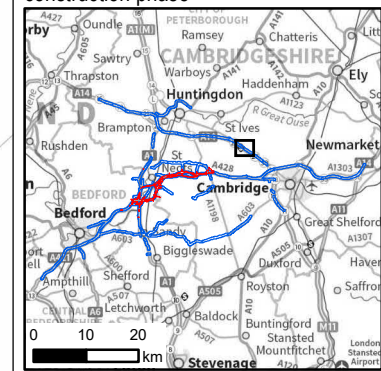
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Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 49 of 61**

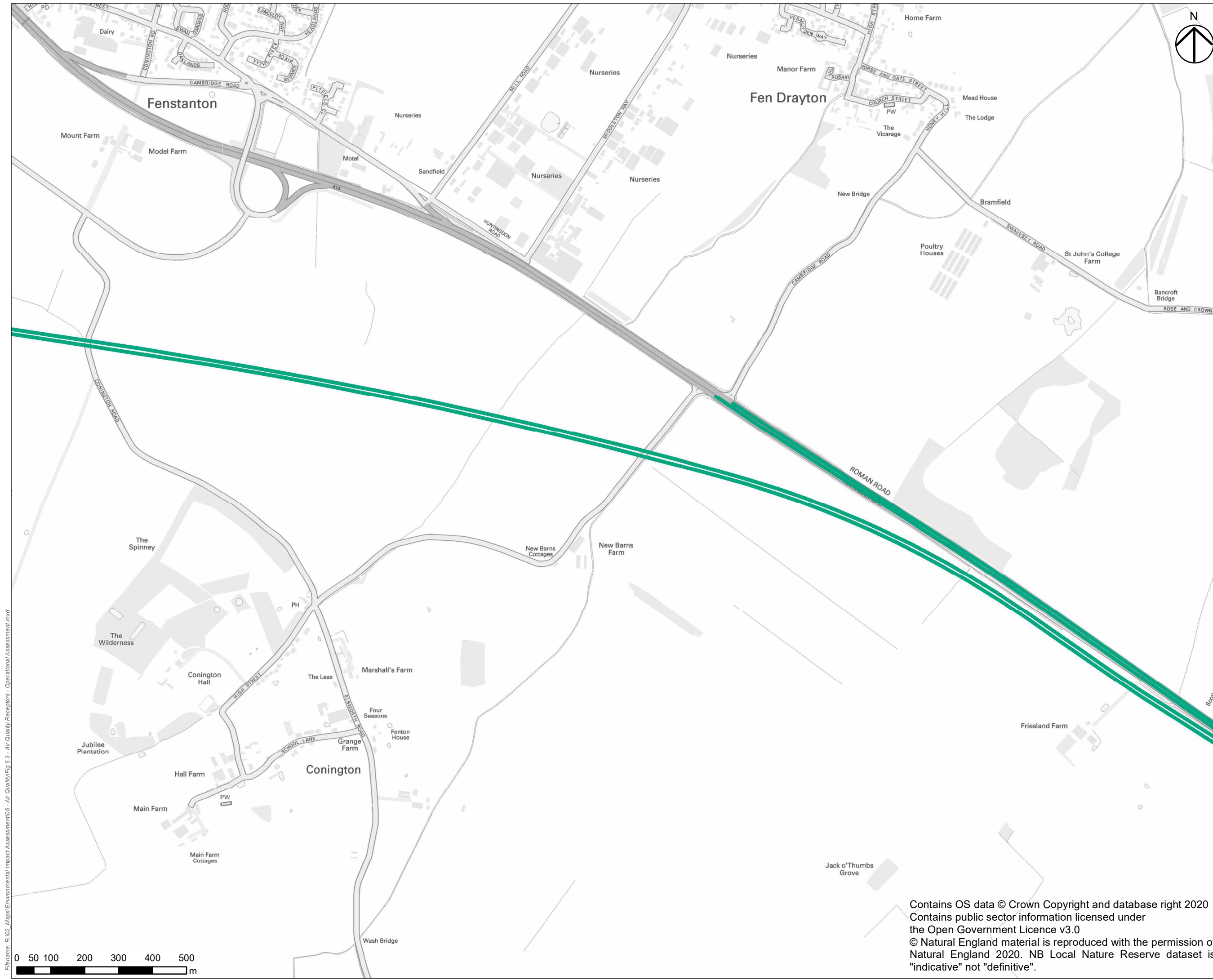
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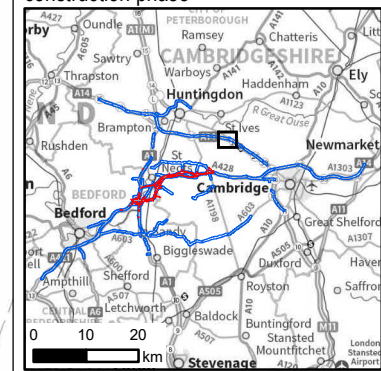
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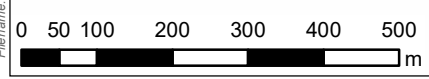


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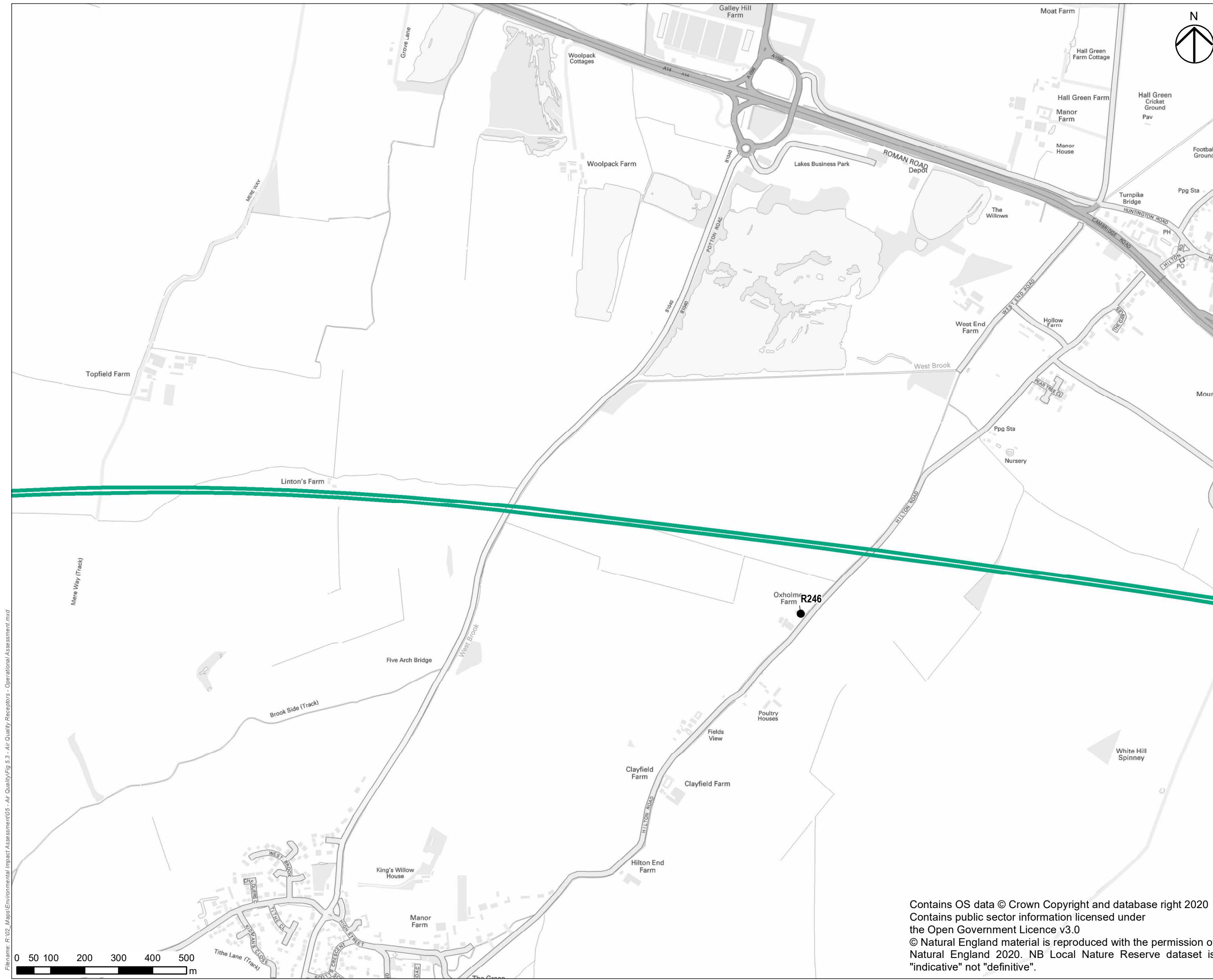


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Development Consent Order Number TR010044			
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 50 of 61			
Designed NE	Drawn TD	Checked LH	Approved JG
Date 26/02/2021		Date 26/02/2021	
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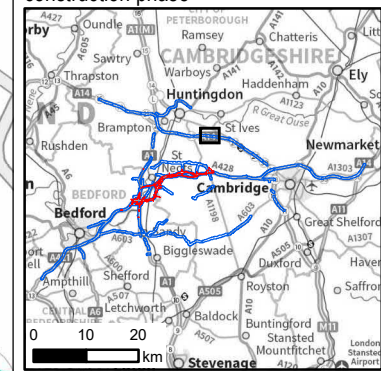
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REGULATION 5(2)(A)

LEGEND

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Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

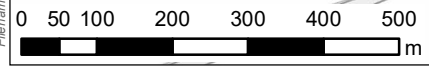
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AIR QUALITY RECEPTORS
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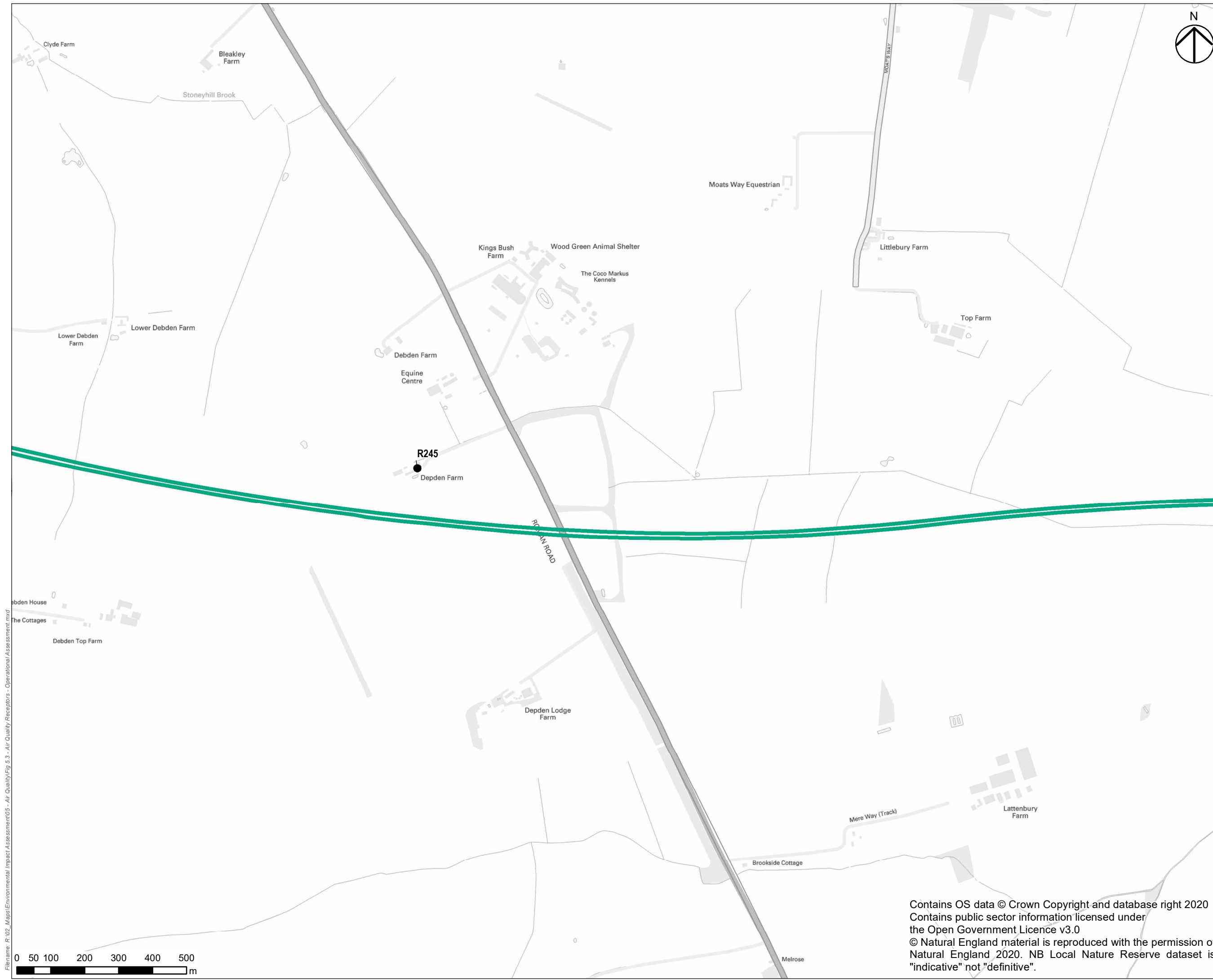
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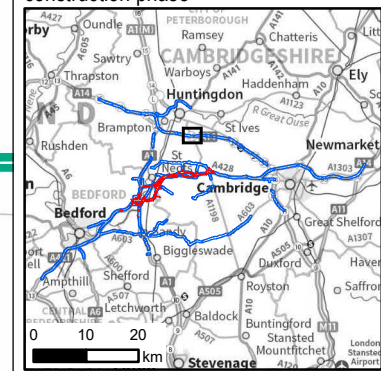
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- LEGEND**
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Bedford
MK41 7LW

Development Consent Order Number

TR010044

Project Title

**A428 BLACK CAT
TO CAXTON GIBBET
IMPROVEMENTS**

Drawing Title

**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 52 of 61**

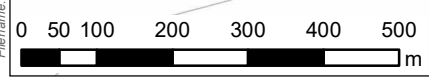
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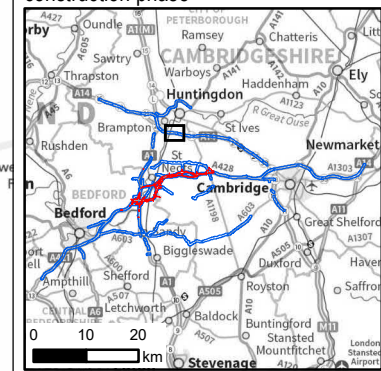
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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
SHEET 53 of 61**

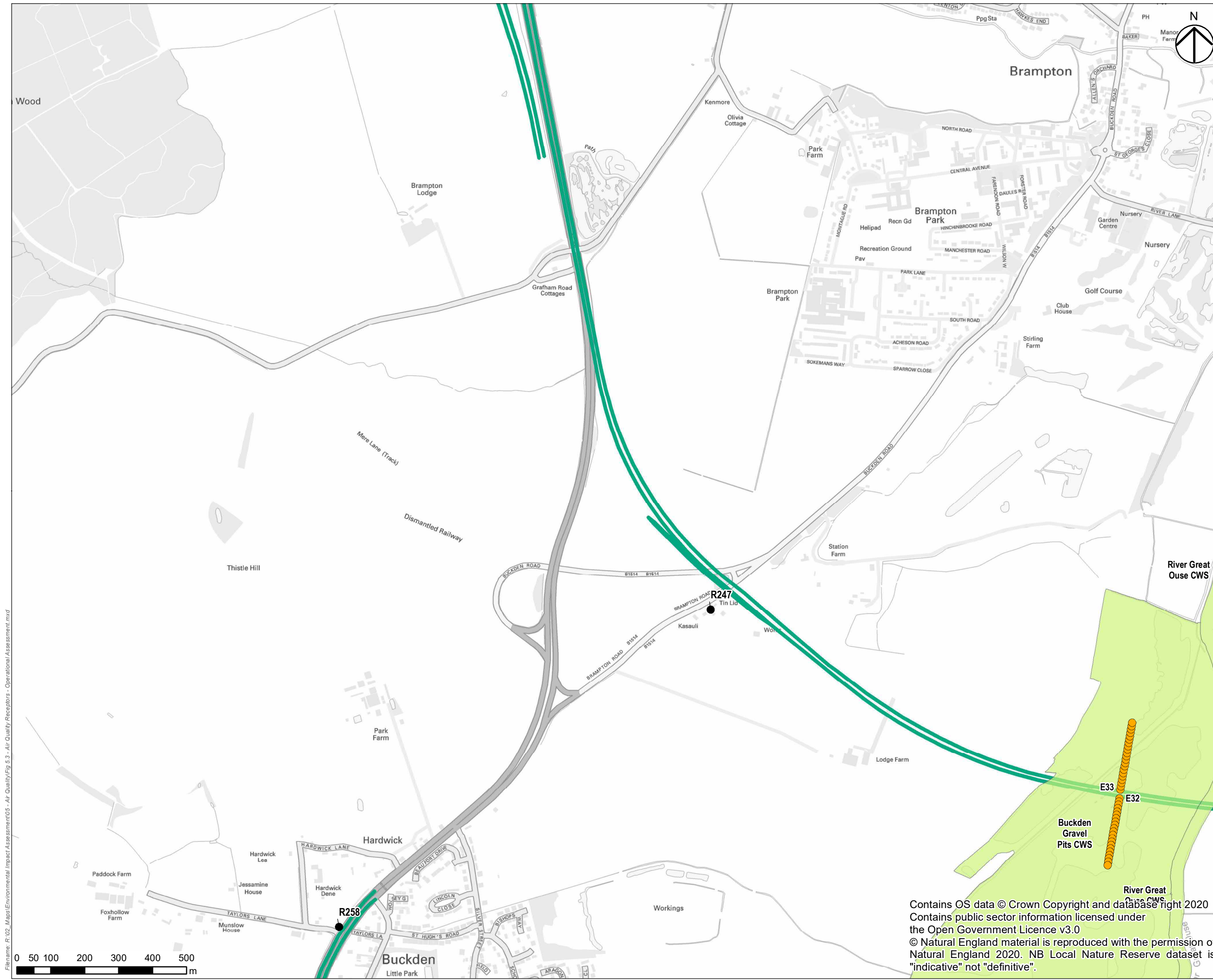
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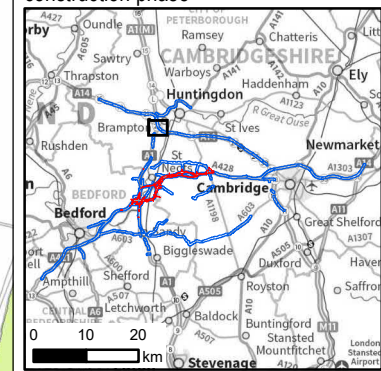


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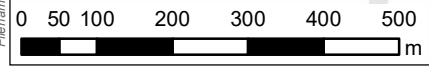
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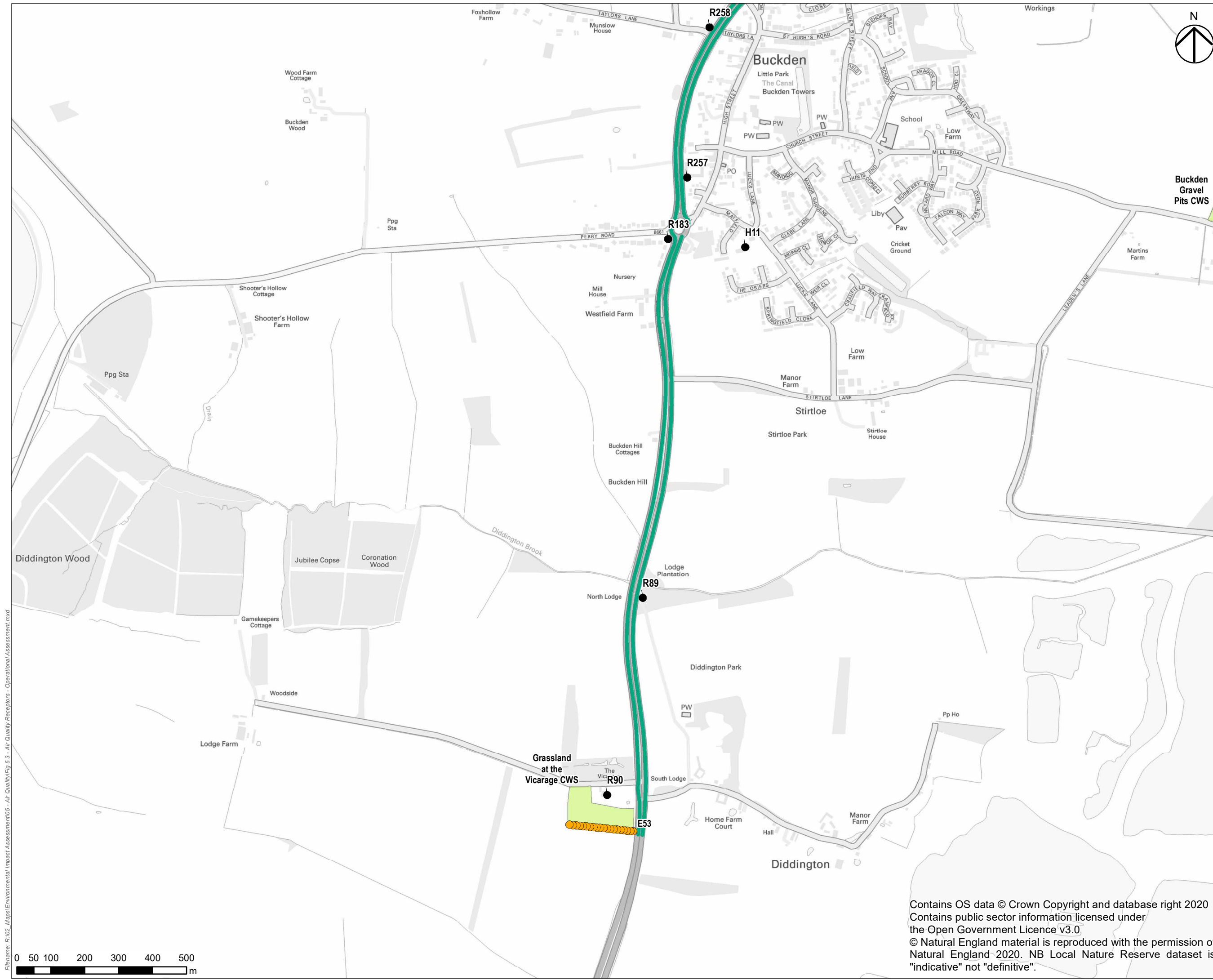


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Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW			
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Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 54 of 61			
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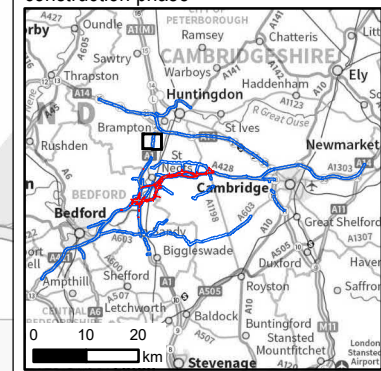




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Buckden Gravel Pits CWS

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Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 55 of 61

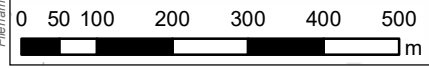
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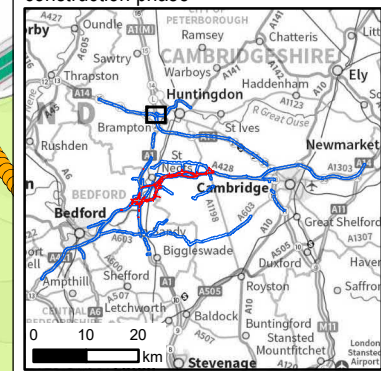
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Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

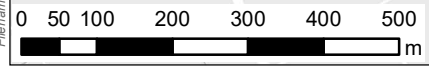
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 56 of 61

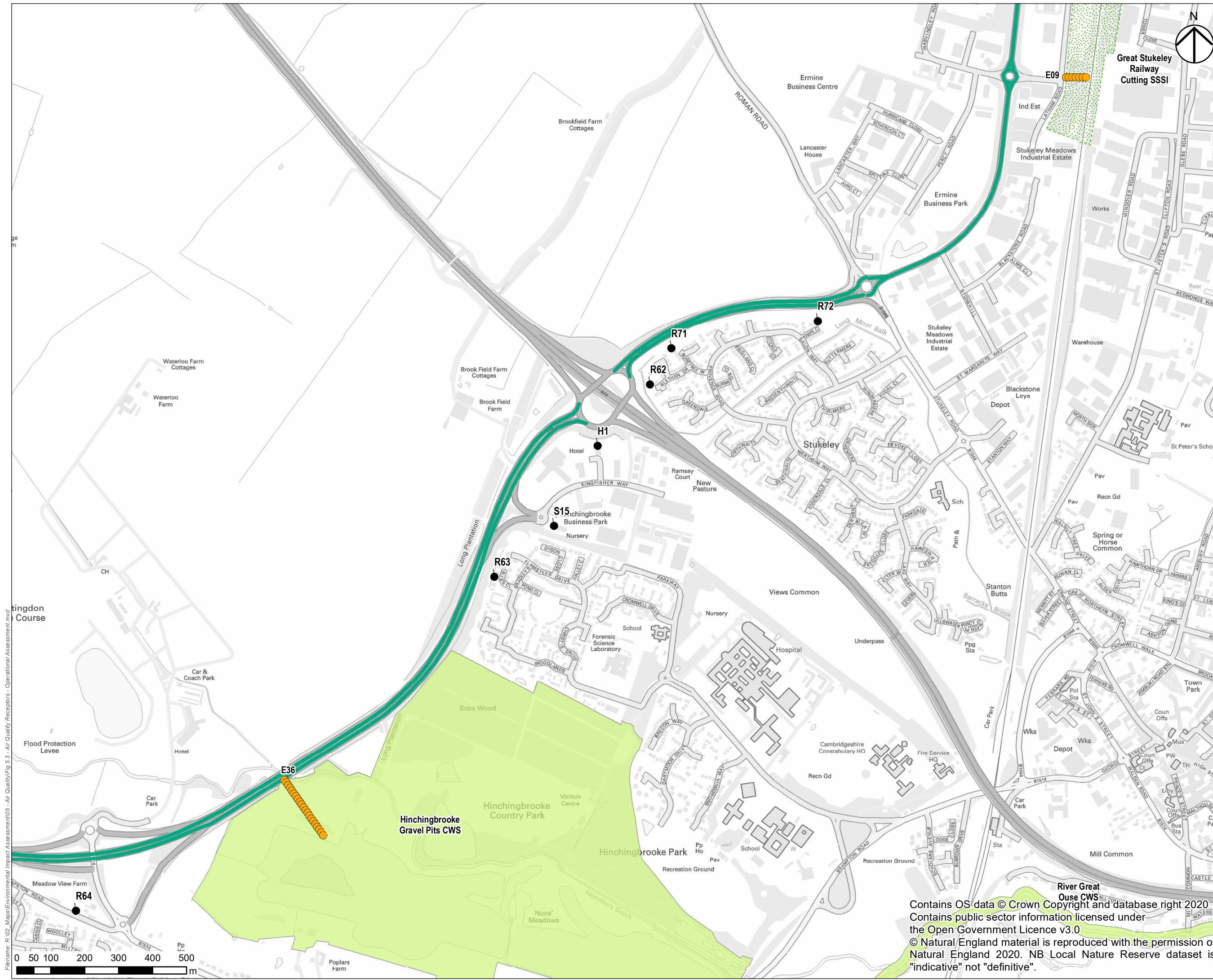
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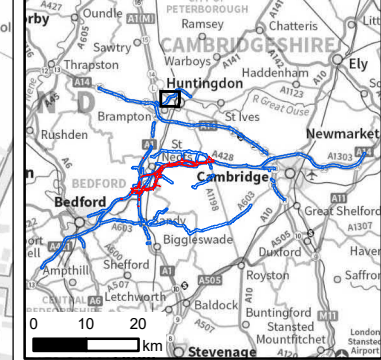
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REGULATION 5(2)(A)

LEGEND

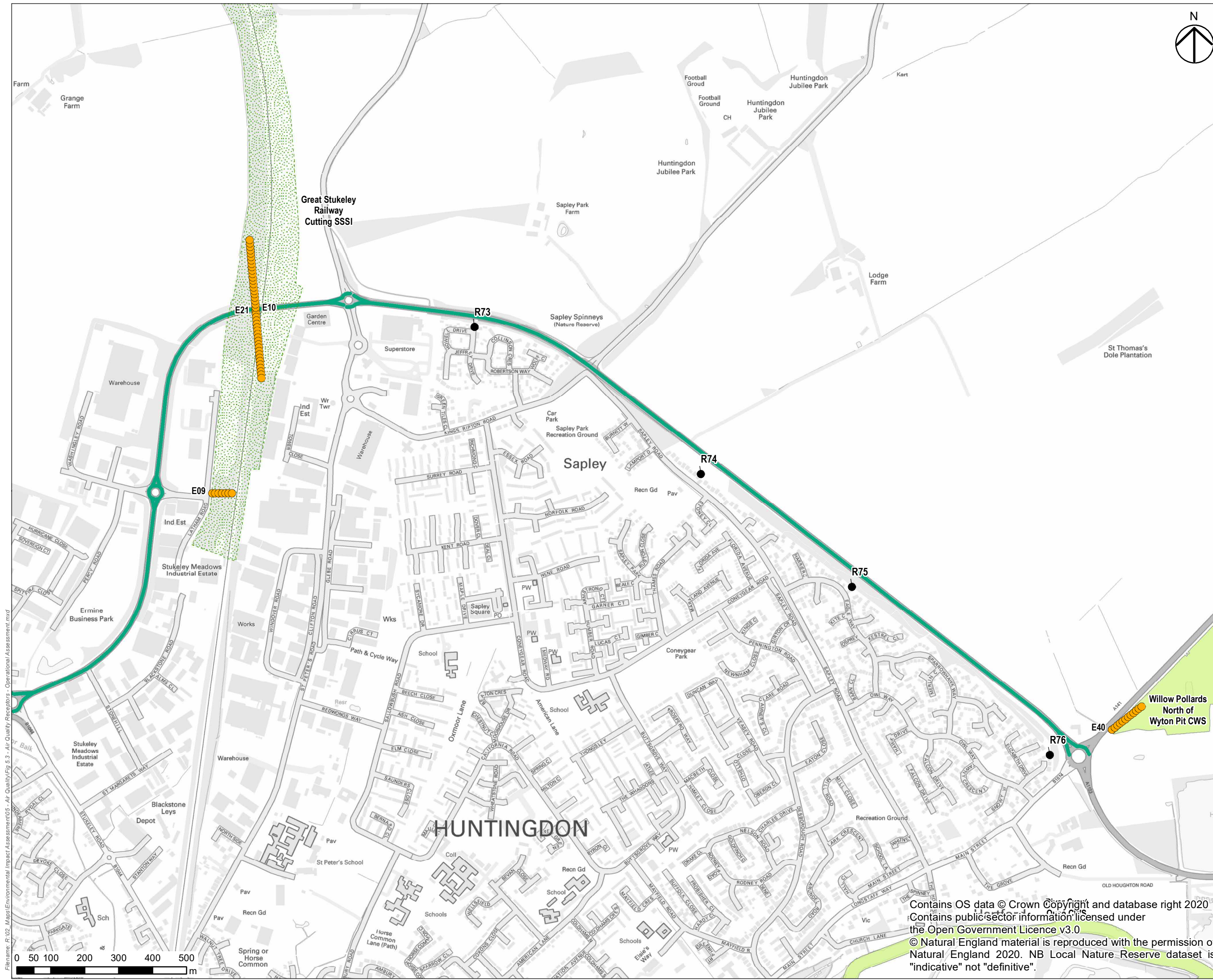
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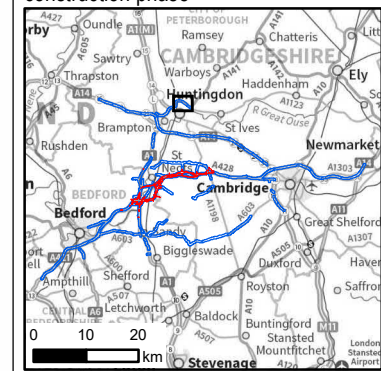
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Purpose of Issue						
DCO APPLICATION						
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW						
Development Consent Order Number TR010044						
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS						
Drawing Title FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 57 of 61						
Designed	Drawn	Checked	Approved	Date	26/02/2021	
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FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 58 of 61

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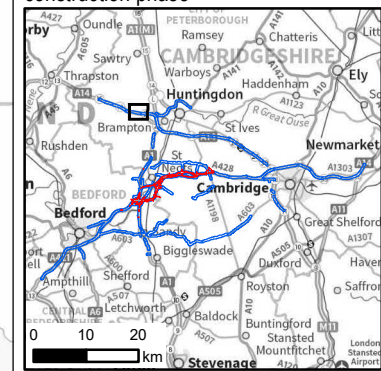
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
**FIGURE 5.3
AIR QUALITY RECEPTORS
OPERATIONAL ASSESSMENT
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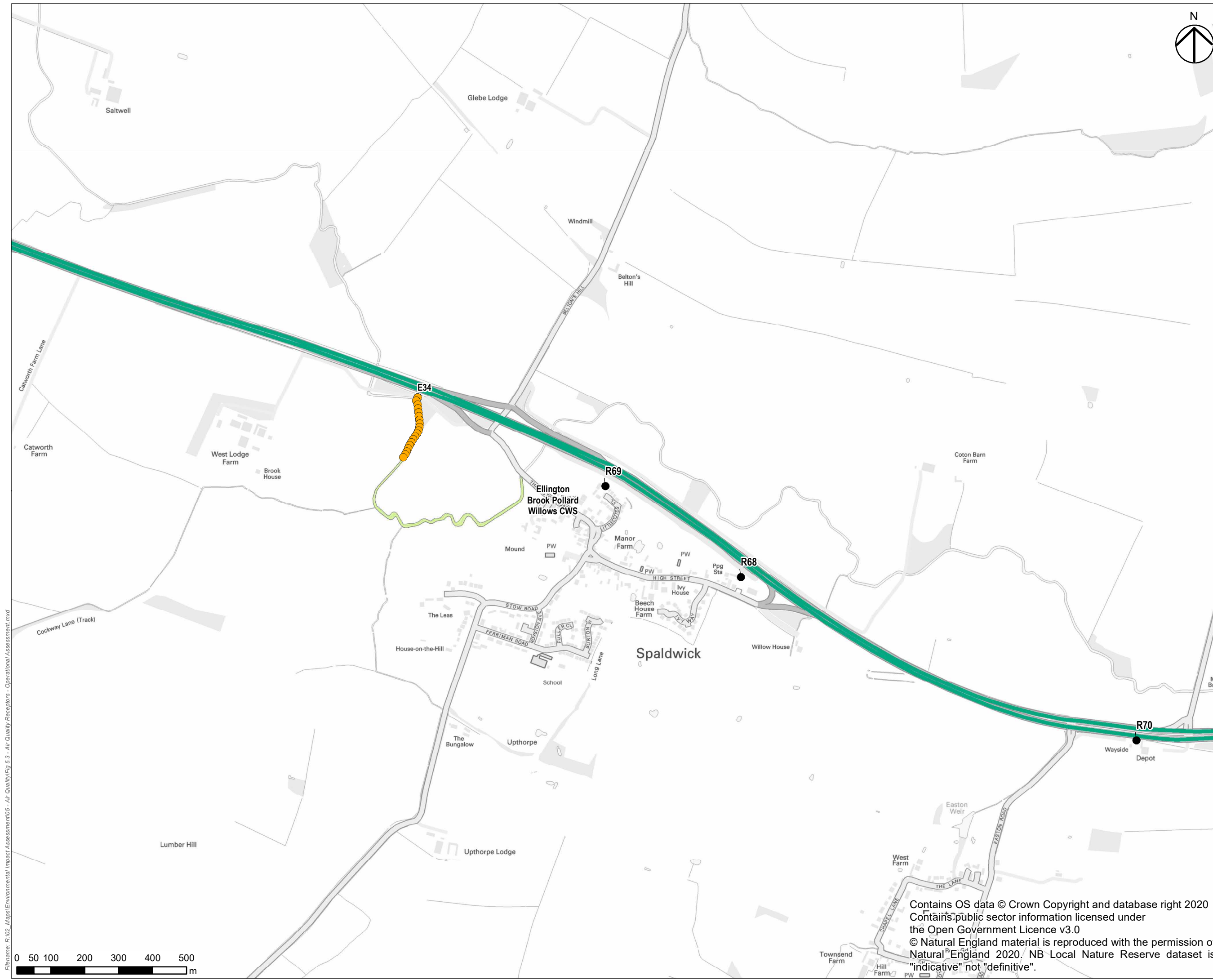
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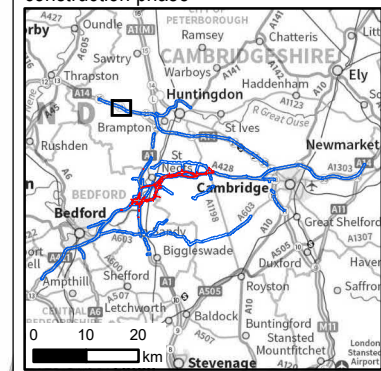
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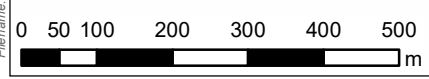
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Drawing Title			
FIGURE 5.3 AIR QUALITY RECEPTORS OPERATIONAL ASSESSMENT SHEET 60 of 61			
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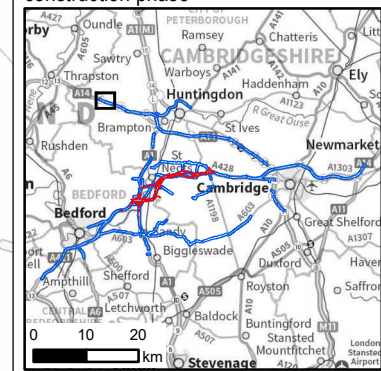
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