

June 2023

London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 5 Environmental Statement and Related Documents
5.03 Chapter 7 Air Quality Figures 7.3b - 7.26

Application Document Ref: TR020001/APP/5.03

APFP Regulation: 5(2)(a)

The Planning Act 2008

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

London Luton Airport Expansion Development Consent Order 202x

5.03 ENVIRONMENTAL STATEMENT CHAPTER 7 AIR QUALITY FIGURES 7.3b – 7.26

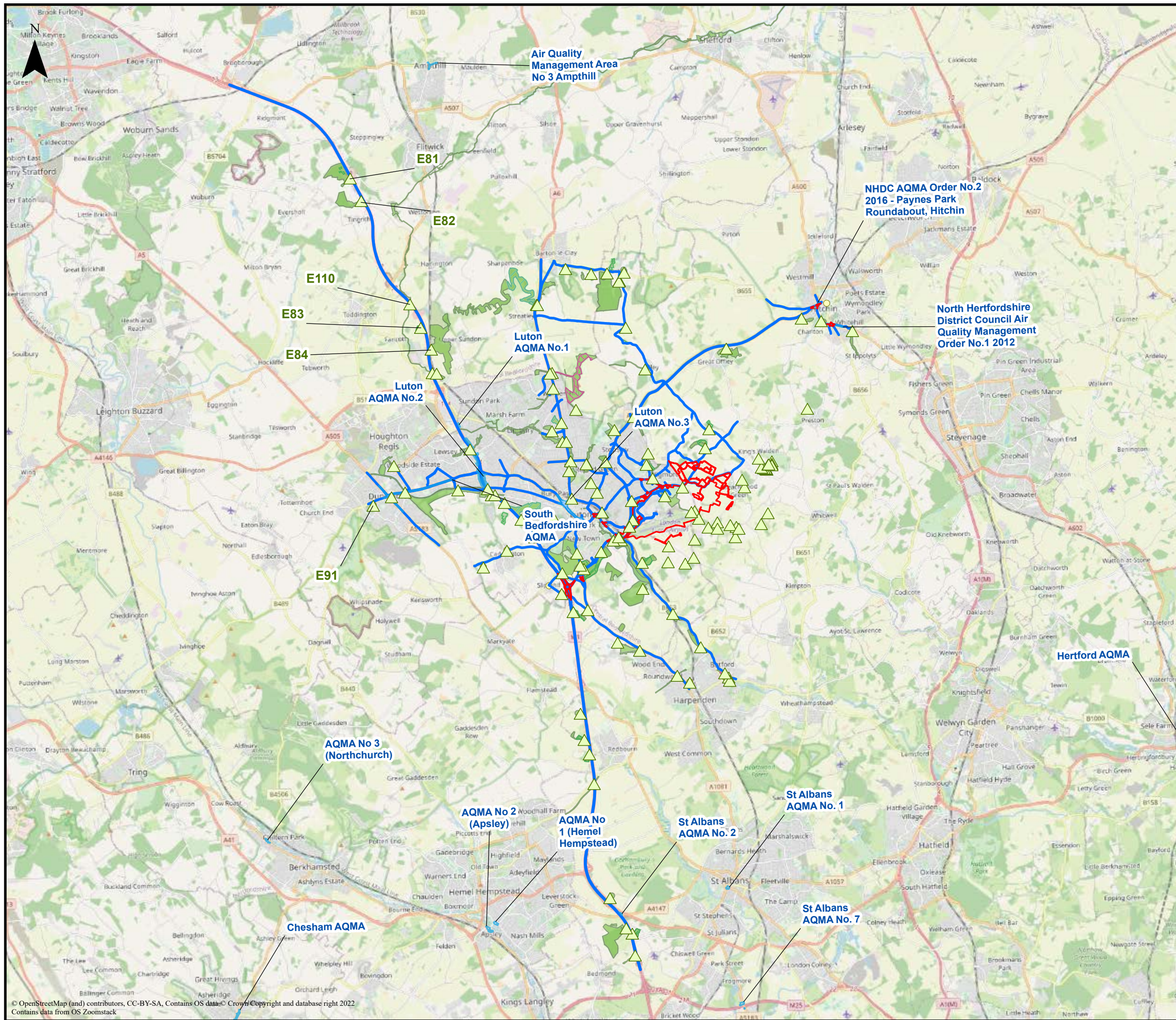
Regulation number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference:	TR020001
Document Reference:	TR020001/APP/5.03
Author:	Luton Rising

Version	Date	Status of Version
Issue 01	February 2023	Application issue
Revision 01	June 2023	Additional submissions (updated in response to Rule 9 letter)

Contents

Figure 7.3b	Modelled ecological receptors Page: 1 of 11
	Modelled ecological receptors Page: 2 of 11
	Modelled ecological receptors Page: 3 of 11
	Modelled ecological receptors Page: 4 of 11
	Modelled ecological receptors Page: 5 of 11
	Modelled ecological receptors Page: 6 of 11
	Modelled ecological receptors Page: 7 of 11
	Modelled ecological receptors Page: 8 of 11
	Modelled ecological receptors Page: 9 of 11
	Modelled ecological receptors Page: 10 of 11
	Modelled ecological receptors Page: 11 of 11
Figure 7.3c	Modelled Cultural Receptors
Figure 7.3d	Modelled Receptors for Health Assessment Page: 1 of 23
	Modelled Receptors for Health Assessment Page: 2 of 23
	Modelled Receptors for Health Assessment Page: 3 of 23
	Modelled Receptors for Health Assessment Page: 4 of 23
	Modelled Receptors for Health Assessment Page: 5 of 23
	Modelled Receptors for Health Assessment Page: 6 of 23
	Modelled Receptors for Health Assessment Page: 7 of 23
	Modelled Receptors for Health Assessment Page: 8 of 23
	Modelled Receptors for Health Assessment Page: 9 of 23
	Modelled Receptors for Health Assessment Page: 10 of 23
	Modelled Receptors for Health Assessment Page: 11 of 23
	Modelled Receptors for Health Assessment Page: 12 of 23
	Modelled Receptors for Health Assessment Page: 13 of 23
	Modelled Receptors for Health Assessment Page: 14 of 23
	Modelled Receptors for Health Assessment Page: 15 of 23
	Modelled Receptors for Health Assessment Page: 16 of 23
	Modelled Receptors for Health Assessment Page: 17 of 23
	Modelled Receptors for Health Assessment Page: 18 of 23
	Modelled Receptors for Health Assessment Page: 19 of 23
	Modelled Receptors for Health Assessment Page: 20 of 23
	Modelled Receptors for Health Assessment Page: 21 of 23
	Modelled Receptors for Health Assessment Page: 22 of 23

	Modelled Receptors for Health Assessment Page: 23 of 23
Figure 7.3e	Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 1 of 7 Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 2 of 7 Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 3 of 7 Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 4 of 7 Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 5 of 7 Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 6 of 7 Compliance Receptors and Pollution Climate Mapping (PCM) links Page: 7 of 7
Figure 7.4	Area of National Atmospheric Emissions Inventory (NAEI) gridded emissions and location of rural monitoring sites
Figure 7.5	Modelled Landing and Take Off (LTO) sources - brake & tyre wear
Figure 7.6	Modelled Landing and Take-Off (LTO) sources - Final approach
Figure 7.7	Modelled Landing and Take-Off (LTO) sources - arrivals 07
Figure 7.8	Modelled Landing and Take-Off (LTO) sources - arrivals 25
Figure 7.9	Modelled Landing and Take-Off (LTO) sources - taxi in 07 in baseline and future Do-Minimum (DM) scenarios
Figure 7.10	Modelled Landing and Take-Off (LTO) sources - taxi in 25 in baseline and future Do-Minimum (DM) scenarios
Figure 7.11	Modelled Landing and Take-Off (LTO) sources - taxi out 07 baseline and future Do-Minimum (DM) scenarios
Figure 7.12	Modelled Landing and Take-Off (LTO) sources - taxi out 25 in baseline and future Do-Minimum (DM) scenarios
Figure 7.13	Modelled Landing and Take-Off (LTO) sources - taxi in 07 in 2027 Do-Something (DS) scenario
Figure 7.14	Modelled Landing and Take-Off (LTO) sources - taxi in 07 in 2039 Do-Something (DS) scenario
Figure 7.15	Modelled Landing and Take-Off (LTO) sources - taxi in 07 in 2043 Do-Something (DS) scenario
Figure 7.16	Modelled landing and take-off (LTO) sources - taxi in 25 in 2027 do-something (DS) scenario
Figure 7.17	Modelled landing and take-off (LTO) sources - taxi in 25 in 2039 do-something (DS) scenario
Figure 7.18	Modelled landing and take-off (LTO) sources - taxi in 25 in 2043 do-something (DS) scenario
Figure 7.19	Modelled landing and take-off (LTO) sources - taxi out and hold 07 in 2027 do-something (DS) scenarios
Figure 7.20	Modelled landing and take-off (LTO) sources - taxi out and hold 07 in 2039 do-something (DS) scenarios
Figure 7.21	Modelled landing and take-off (LTO) sources - taxi out and hold 07 in 2043 do-something (DS) scenarios
Figure 7.22	Modelled landing and take-off (LTO) sources - taxi out and hold 25 in 2027 do-something (DS) scenarios
Figure 7.23	Modelled landing and take-off (LTO) sources - taxi out and hold 25 in 2039 do-something (DS) scenarios
Figure 7.24	Modelled landing and take-off (LTO) sources - taxi out and hold 25 in 2043 do-something (DS) scenarios
Figure 7.25	Modelled landing and take-off (LTO) sources - take off and initial climb 07
Figure 7.26	Modelled landing and take-off (LTO) sources - take off and initial climb 25



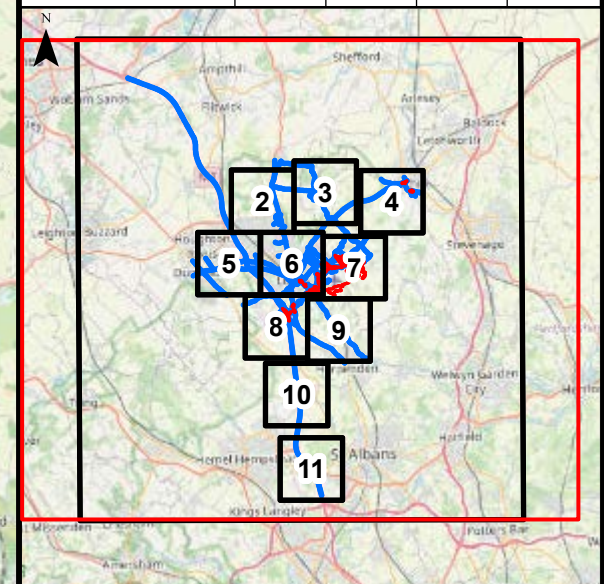
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Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
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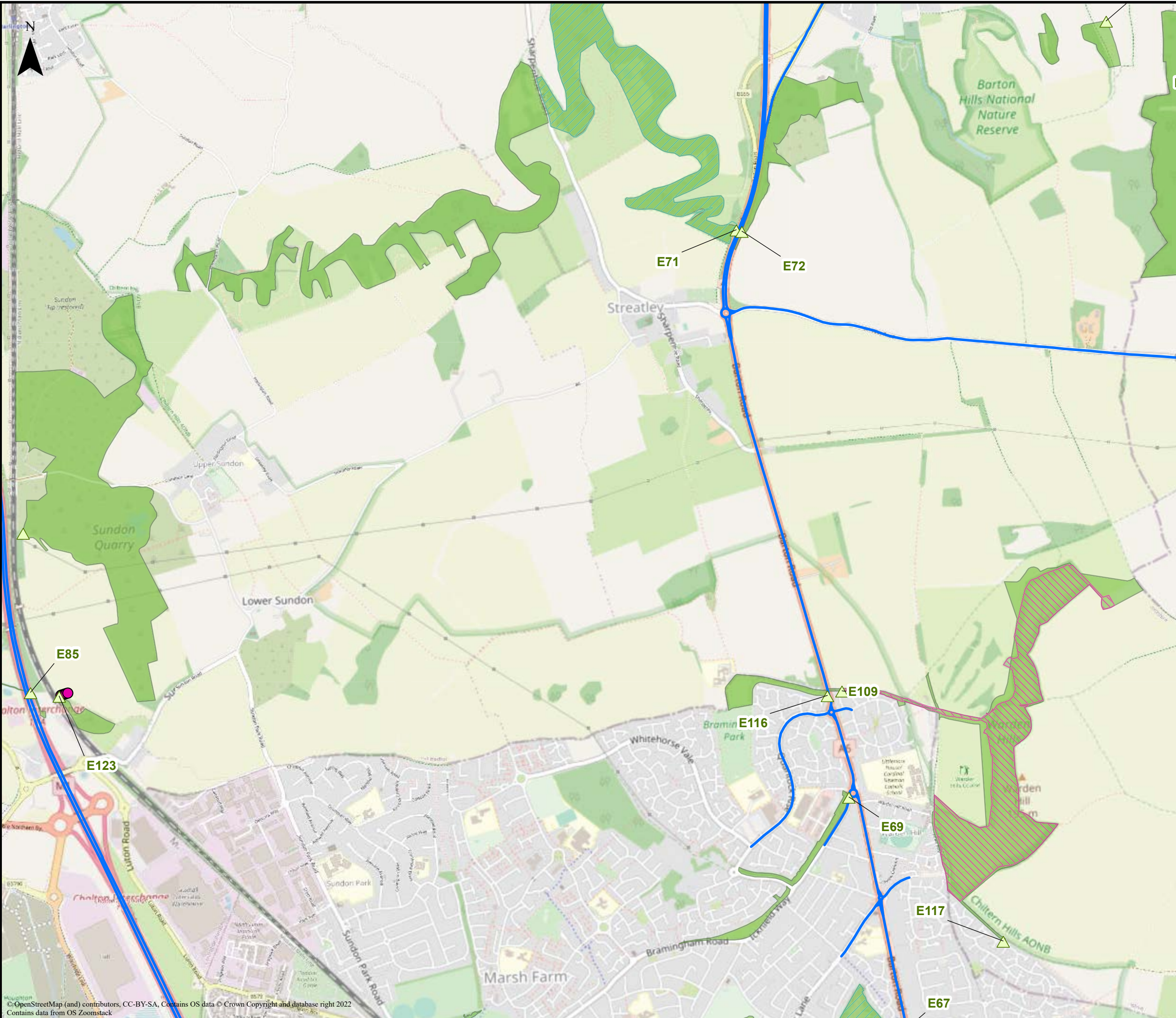
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Drawing Title
Figure 7.3b Modelled ecological receptors
 Page: 1 of 11

Purpose of issue			Suitability	
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TR020001	APFP 5(2)(a)	TR020001/APP/5.03

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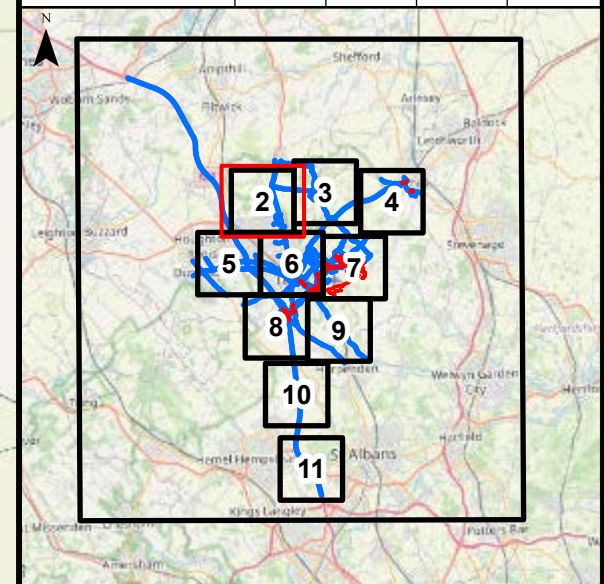


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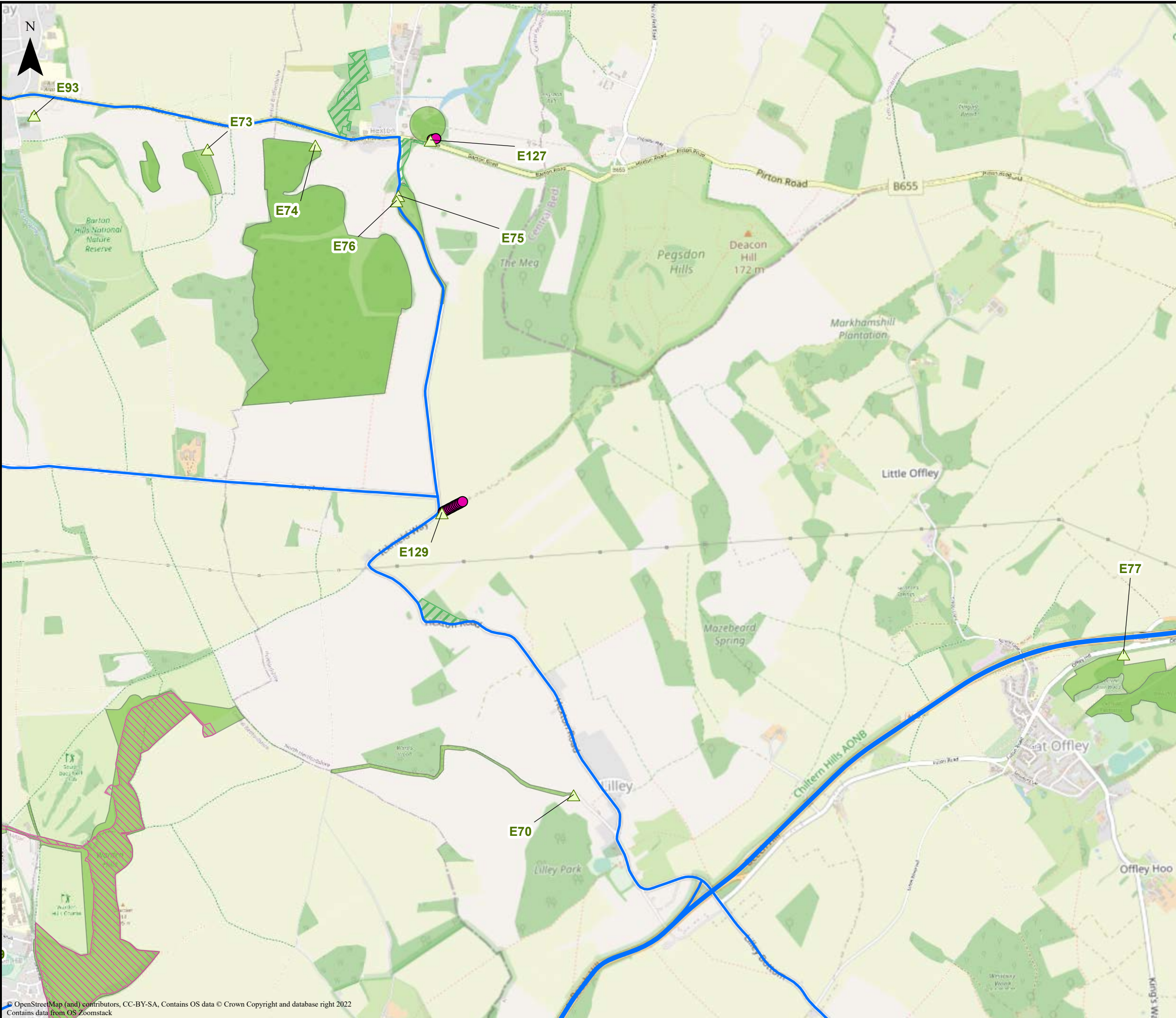
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 Development Consent Order**

Drawing Title
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 Page: 2 of 11

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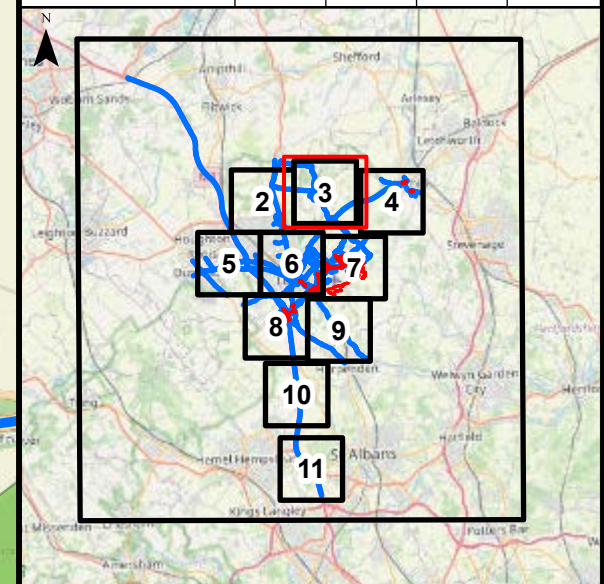
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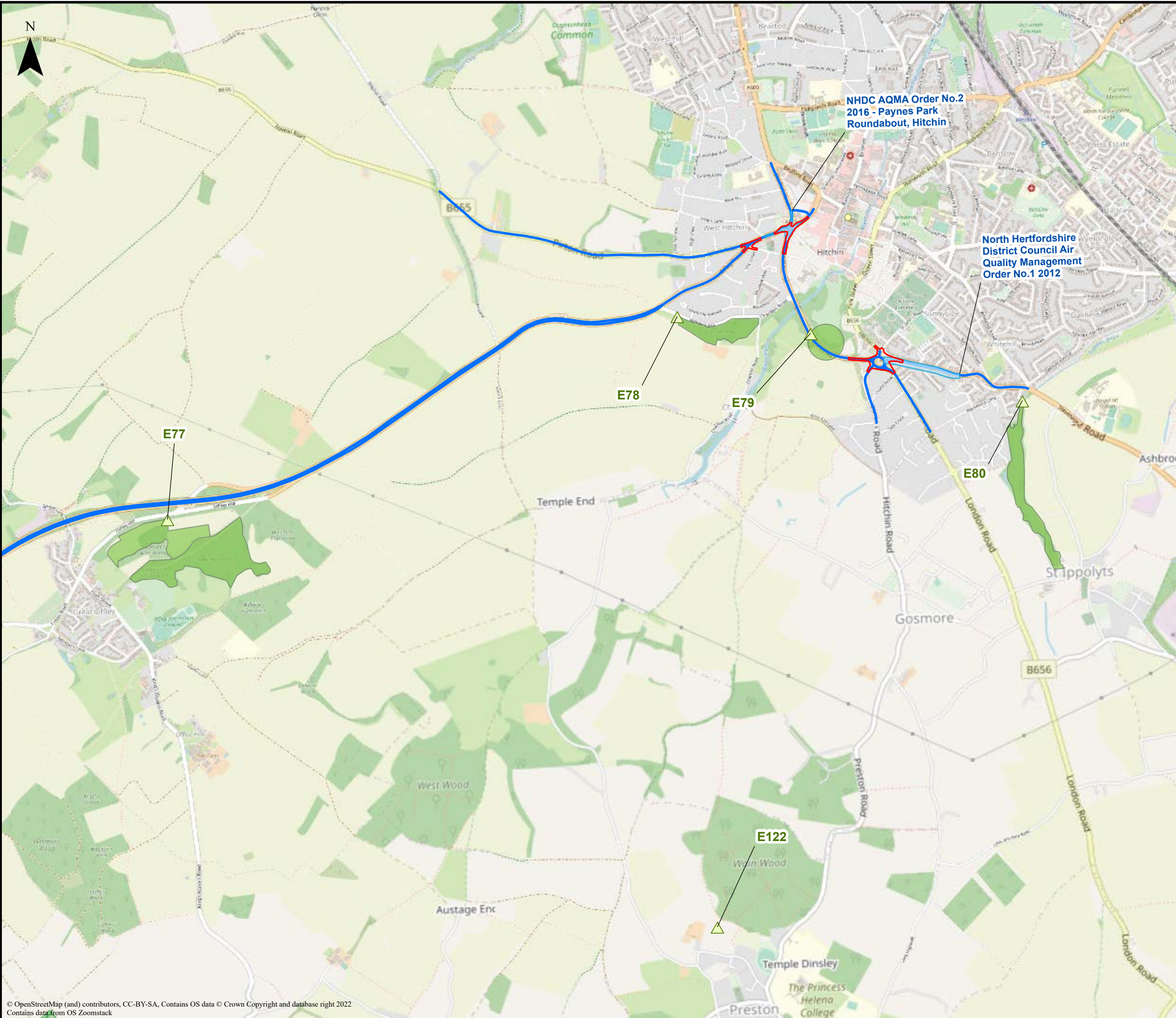
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Figure 7.3b Modelled ecological receptors
Page: 3 of 11

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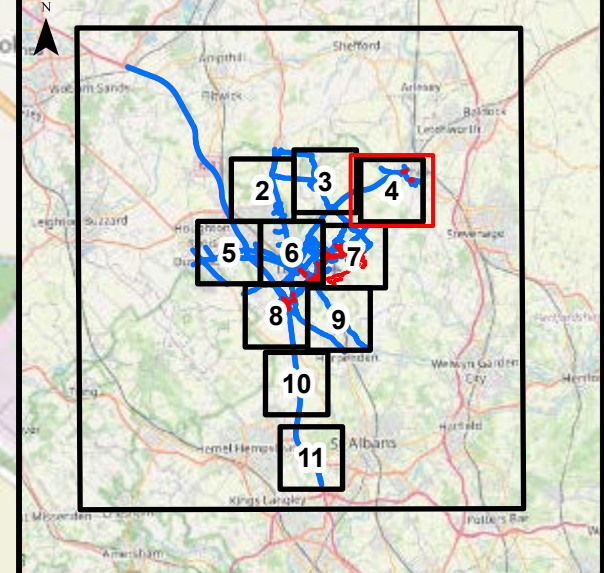
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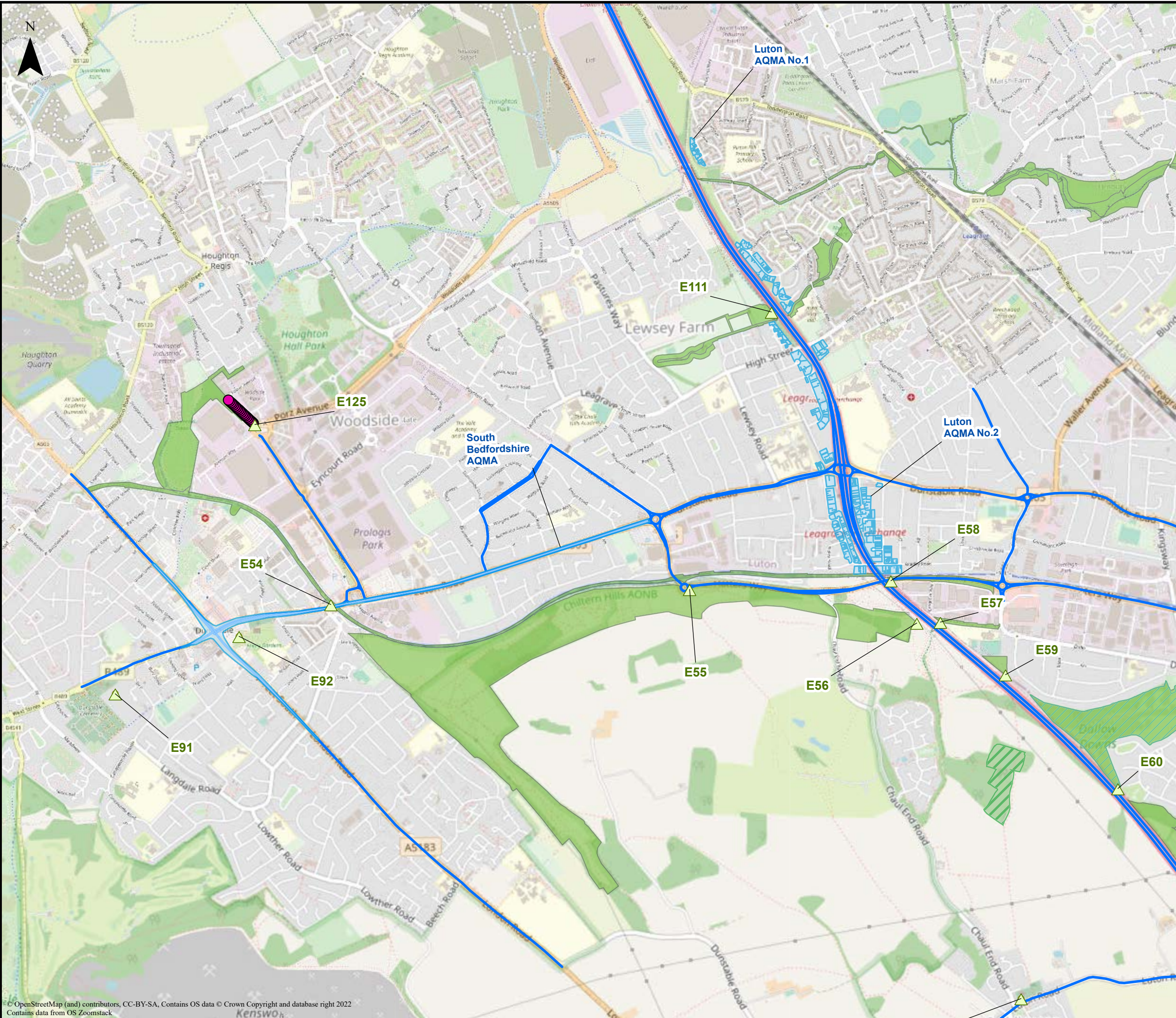
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Drawing Title
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 Page: 4 of 11

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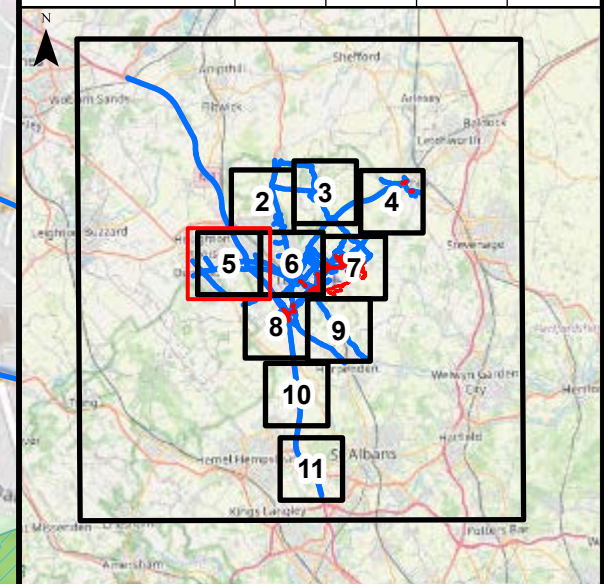
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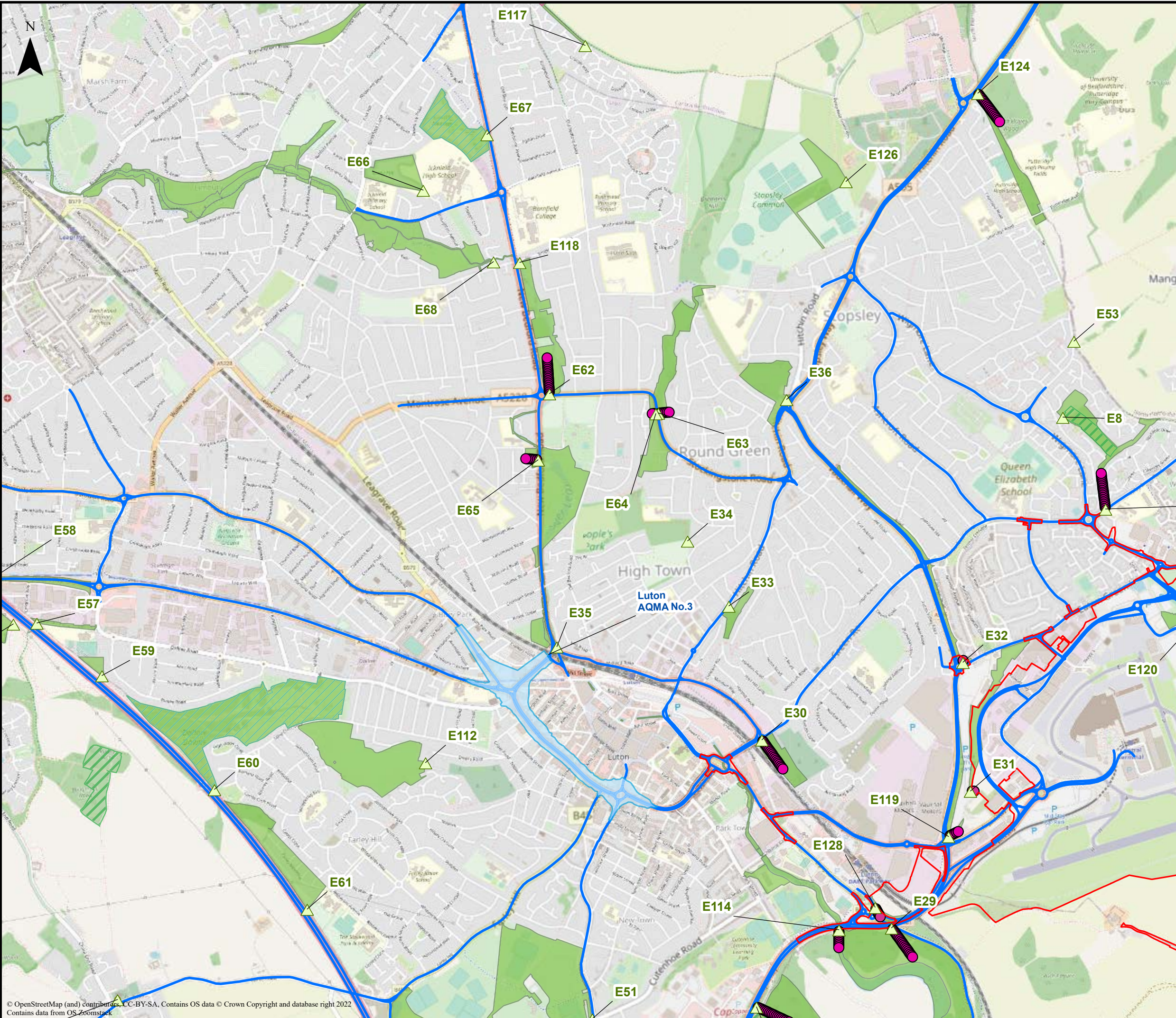


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Figure 7.3b Modelled ecological receptors
 Page: 5 of 11

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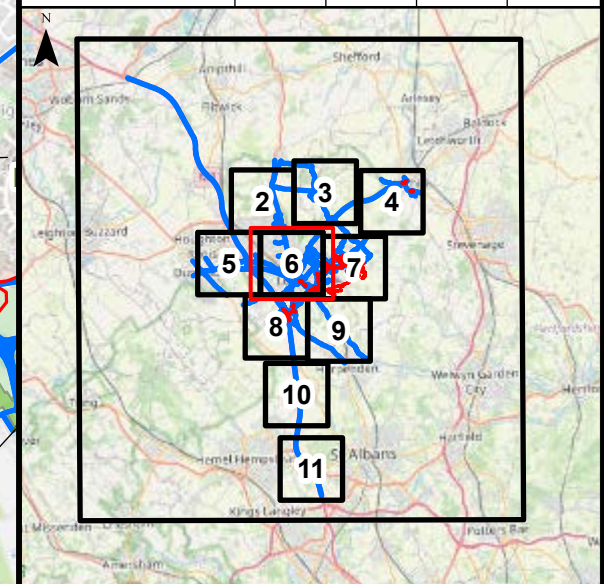
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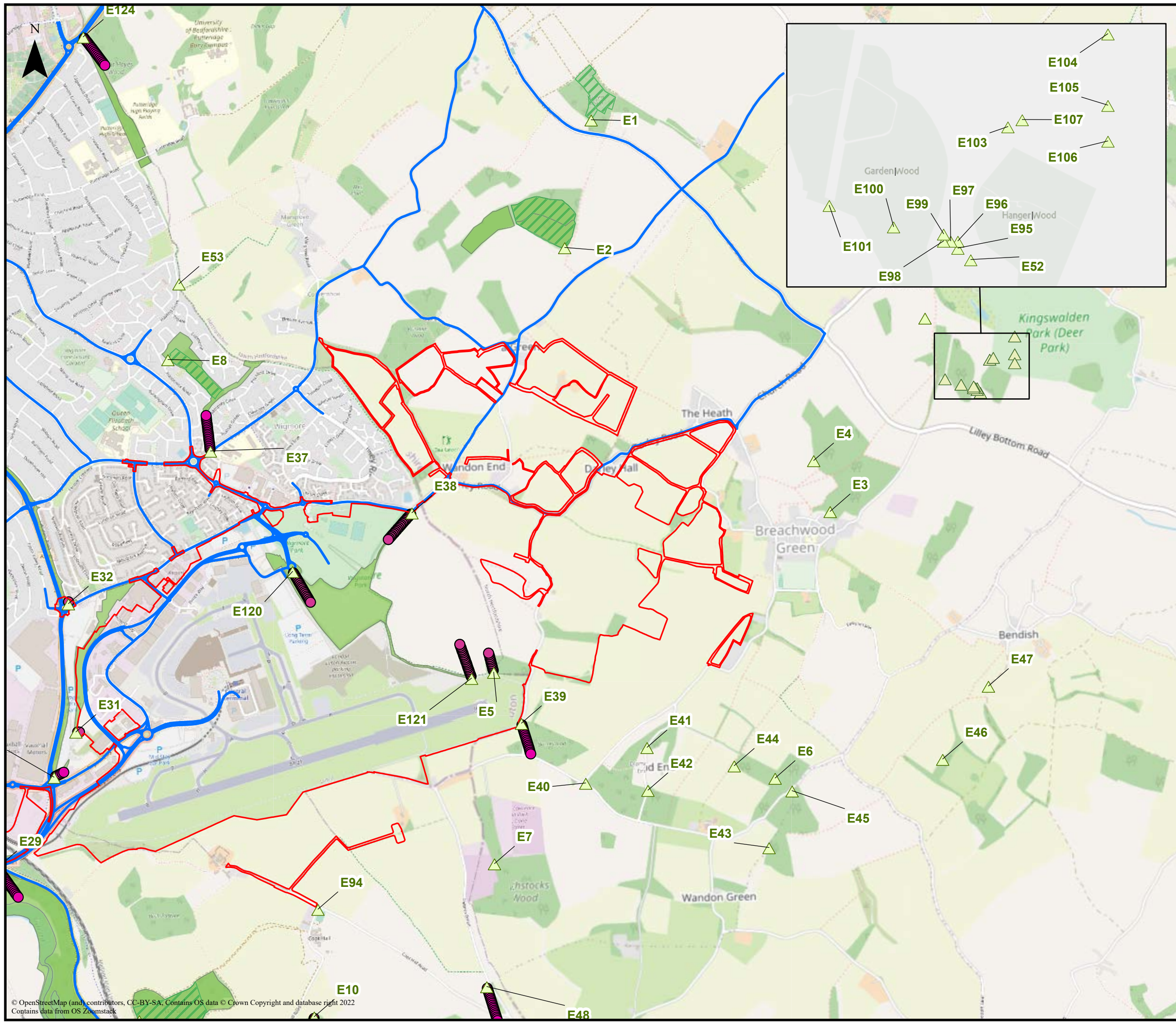
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 Page: 6 of 11

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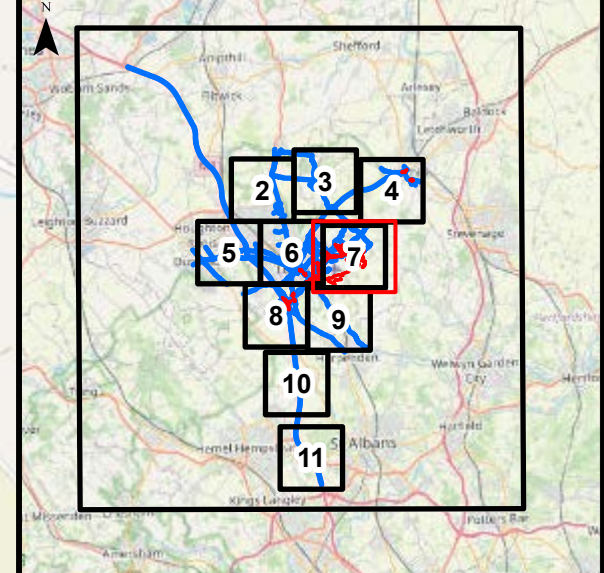
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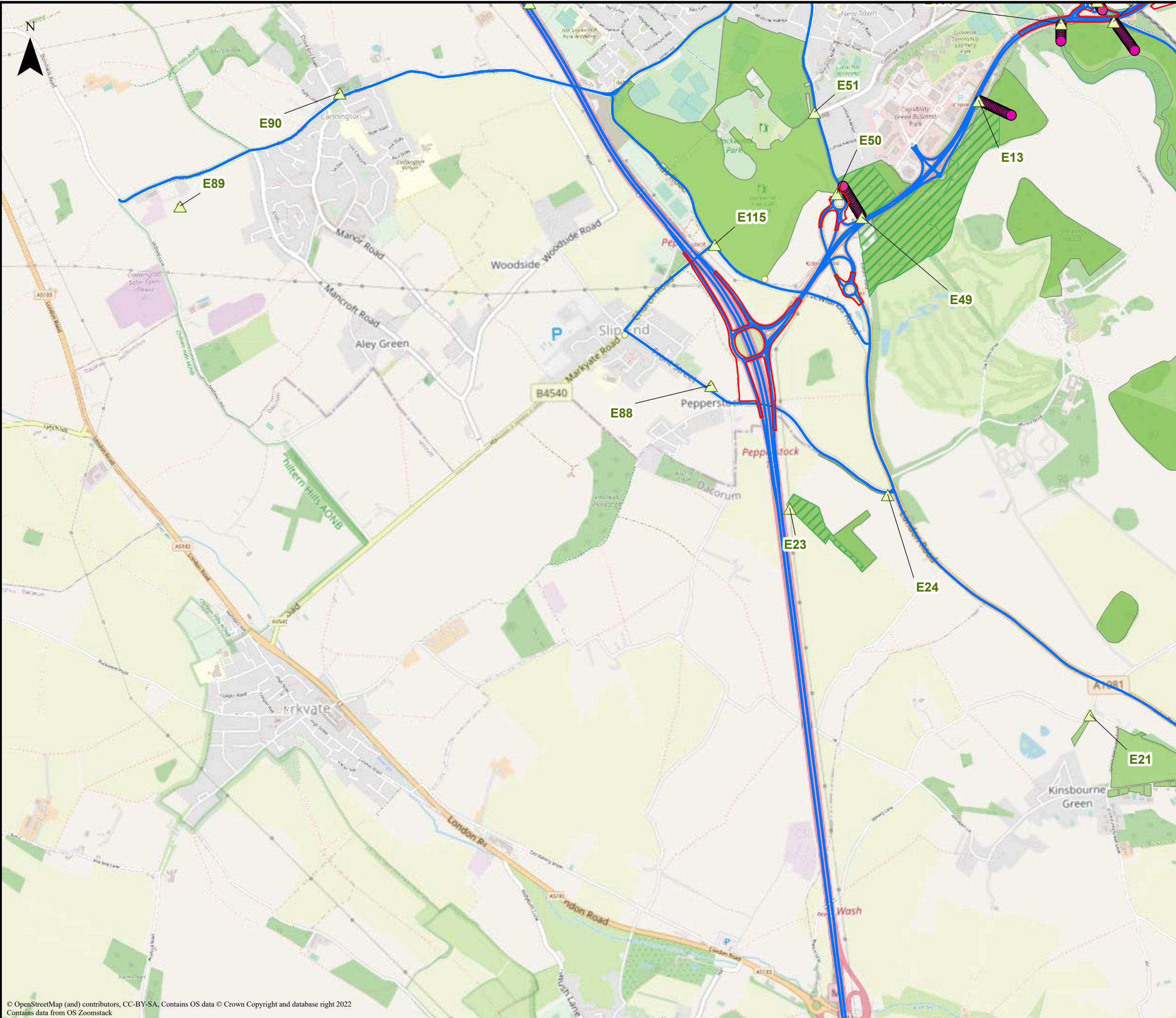
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 Page: 7 of 11

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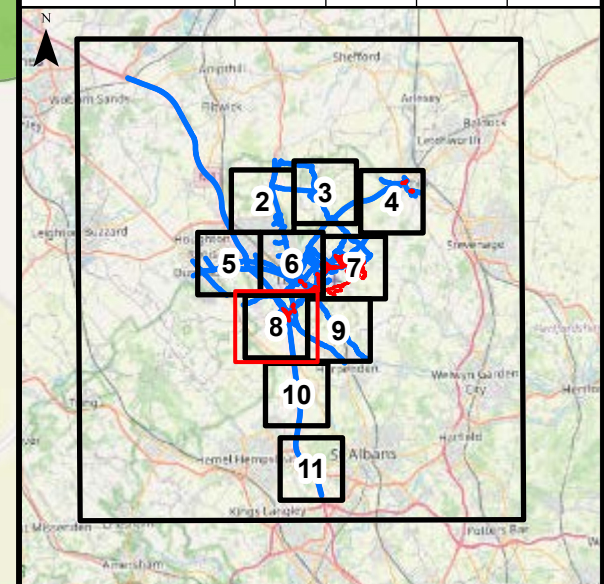
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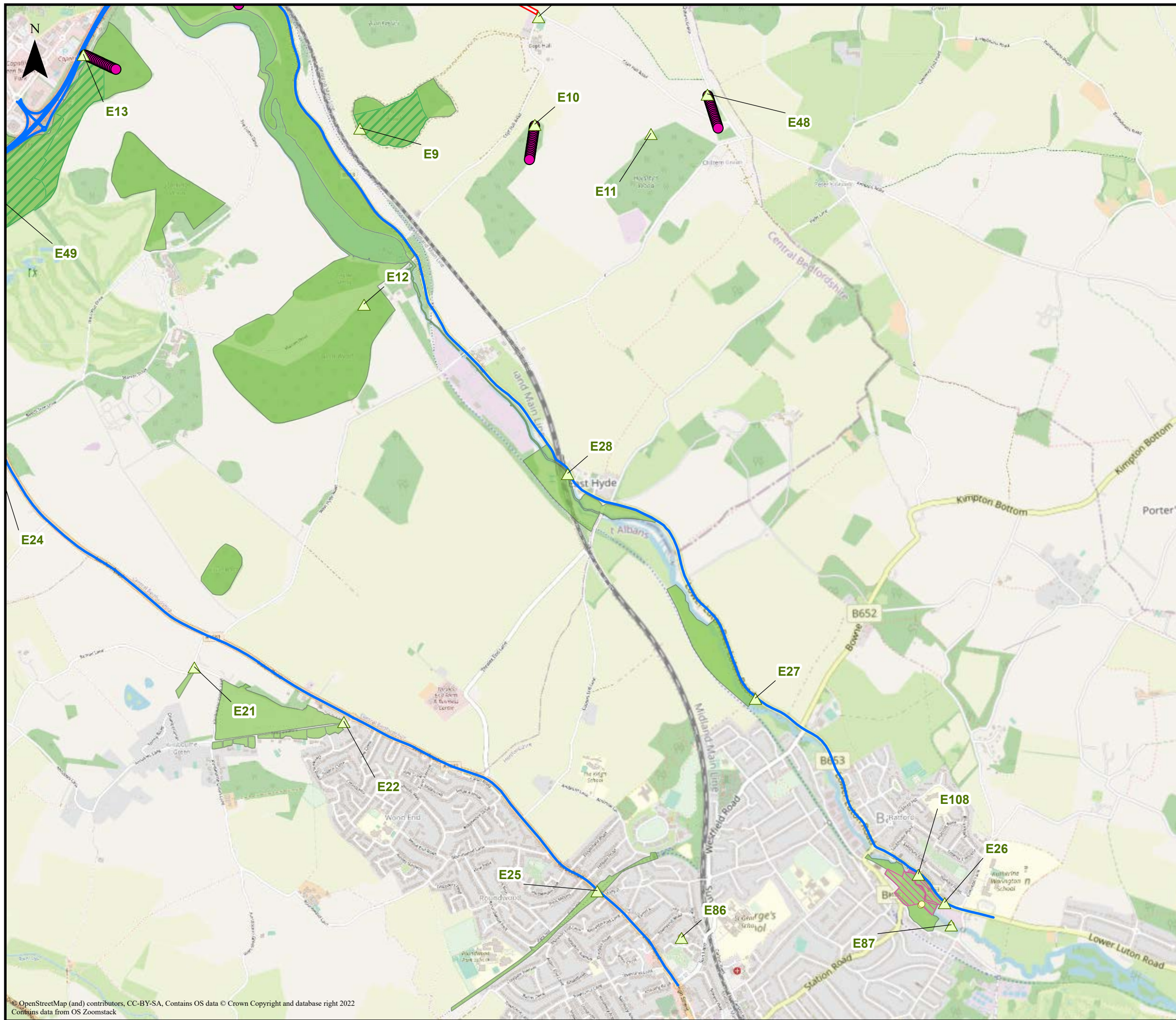
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 Page: 8 of 11

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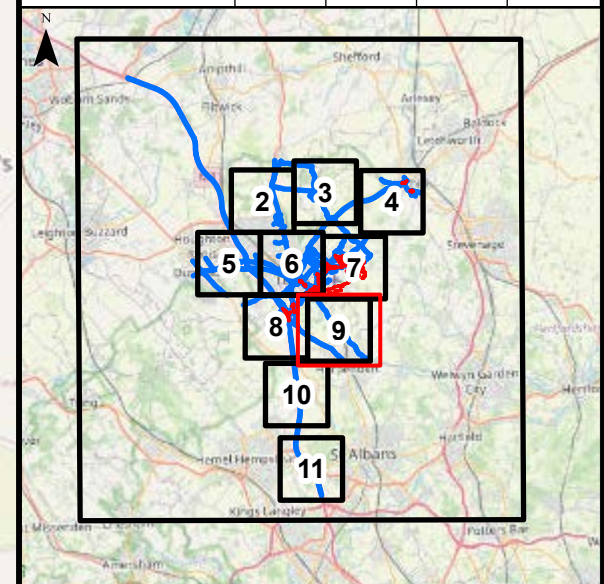
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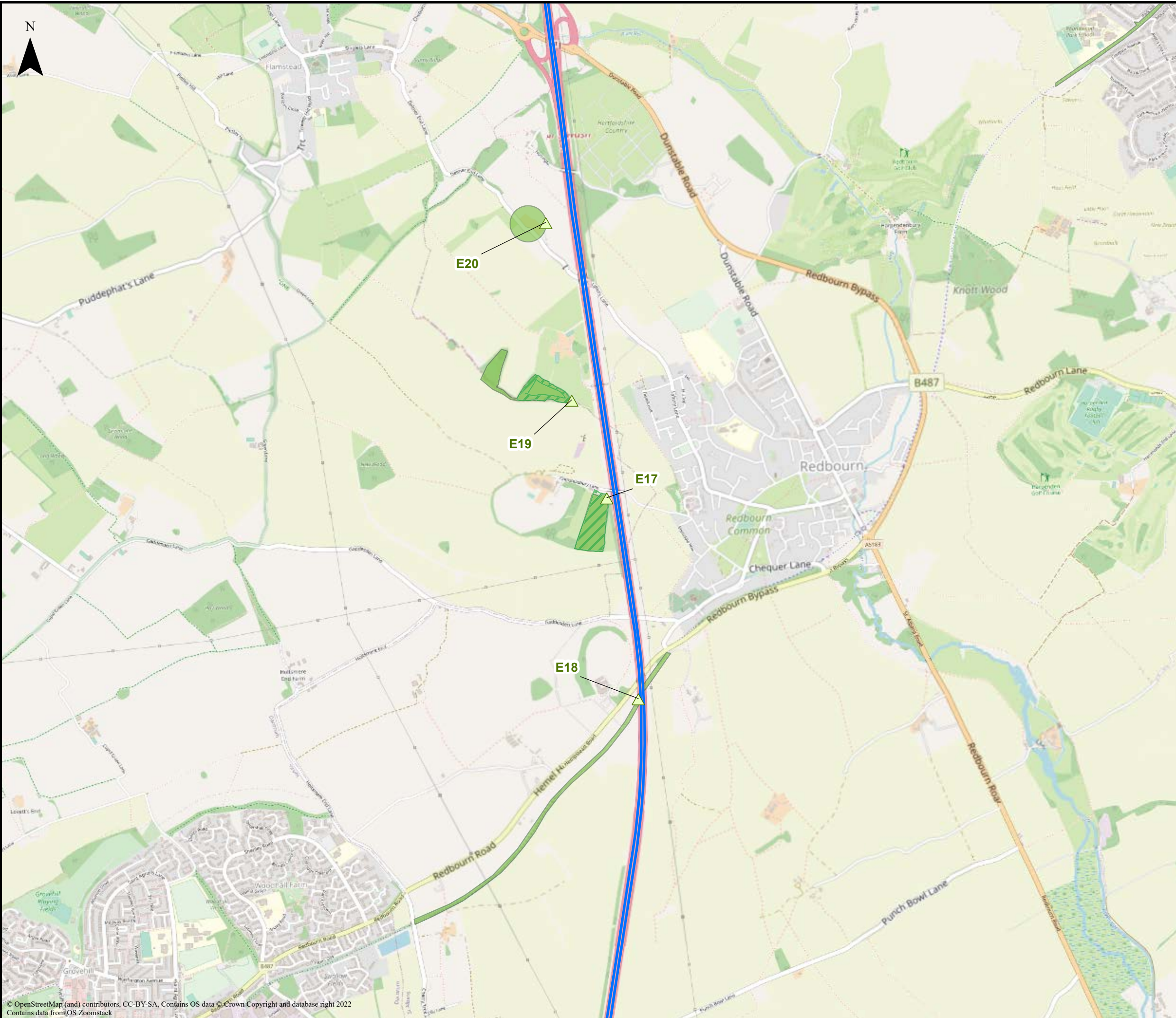
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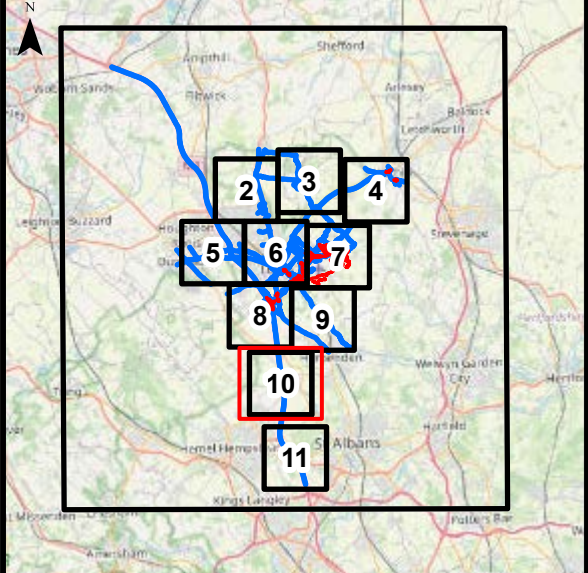
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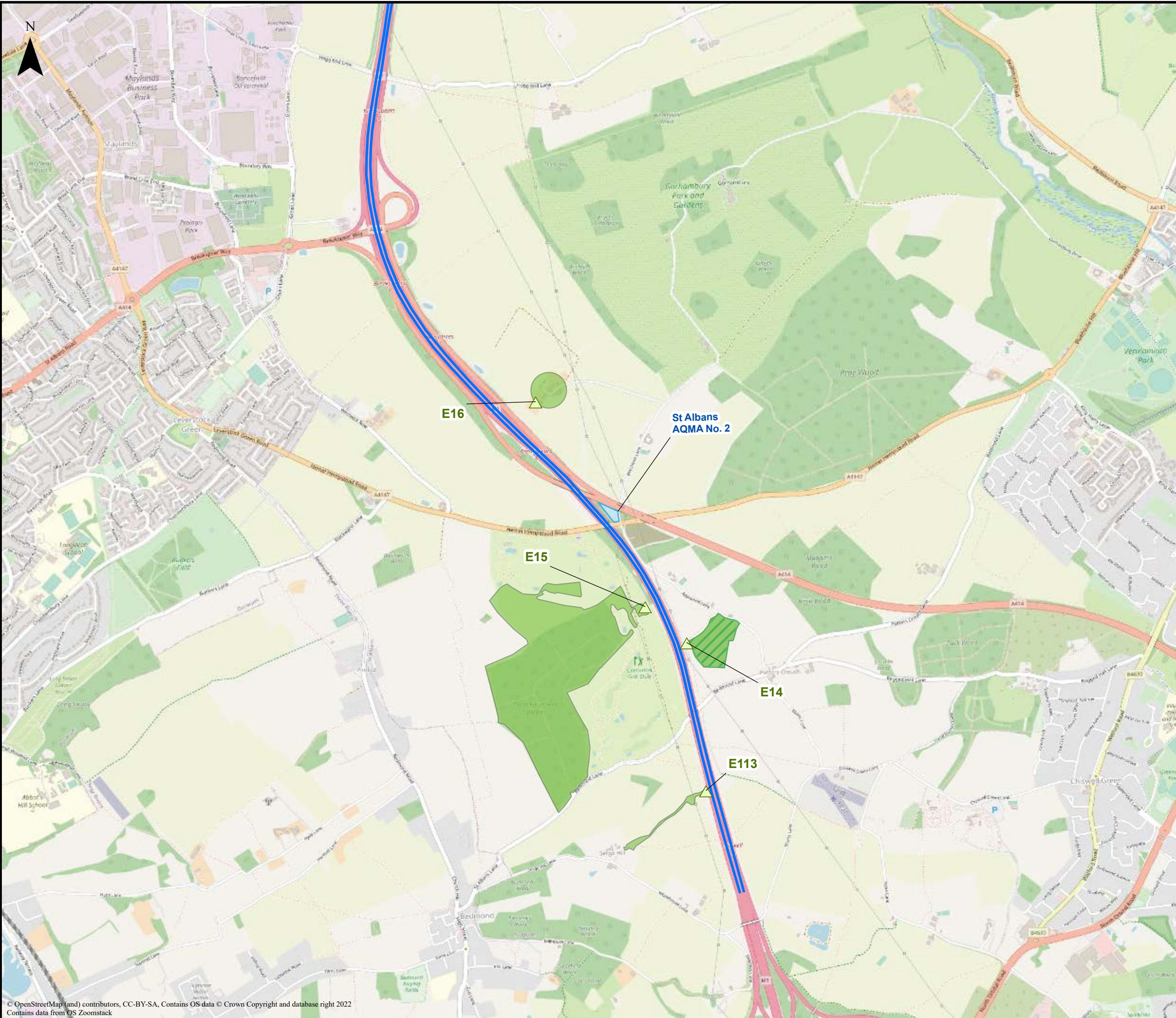
**London Luton Airport Expansion
Development Consent Order**

Drawing Title
Figure 7.3b Modelled ecological receptors
Page: 10 of 11

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:20,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0110	Revision P02
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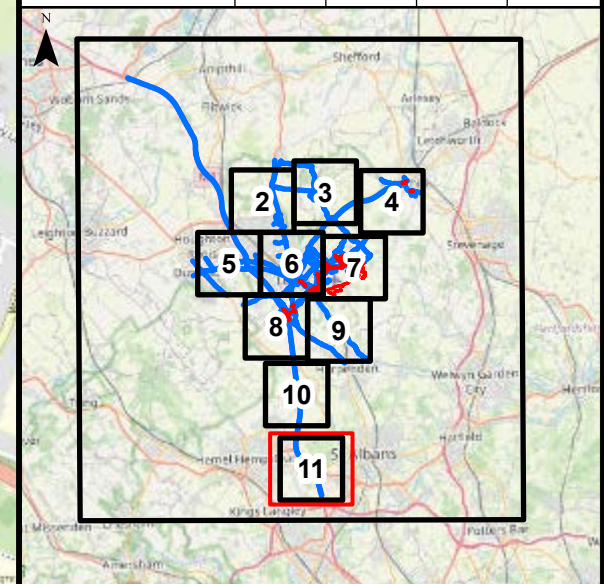
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Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- △ Modelled Ecological Receptor
- Local Wildlife Sites
- Transects
- Air Quality Management Areas (AQMAs)
- Veteran Tree (within 200m of ARN)
- Sites of Special Scientific Interest (SSSI) (within 200m of ARN)
- Local Nature Reserves (LNR) (within 200m of ARN)
- Ancient Woodland (within 200m of ARN)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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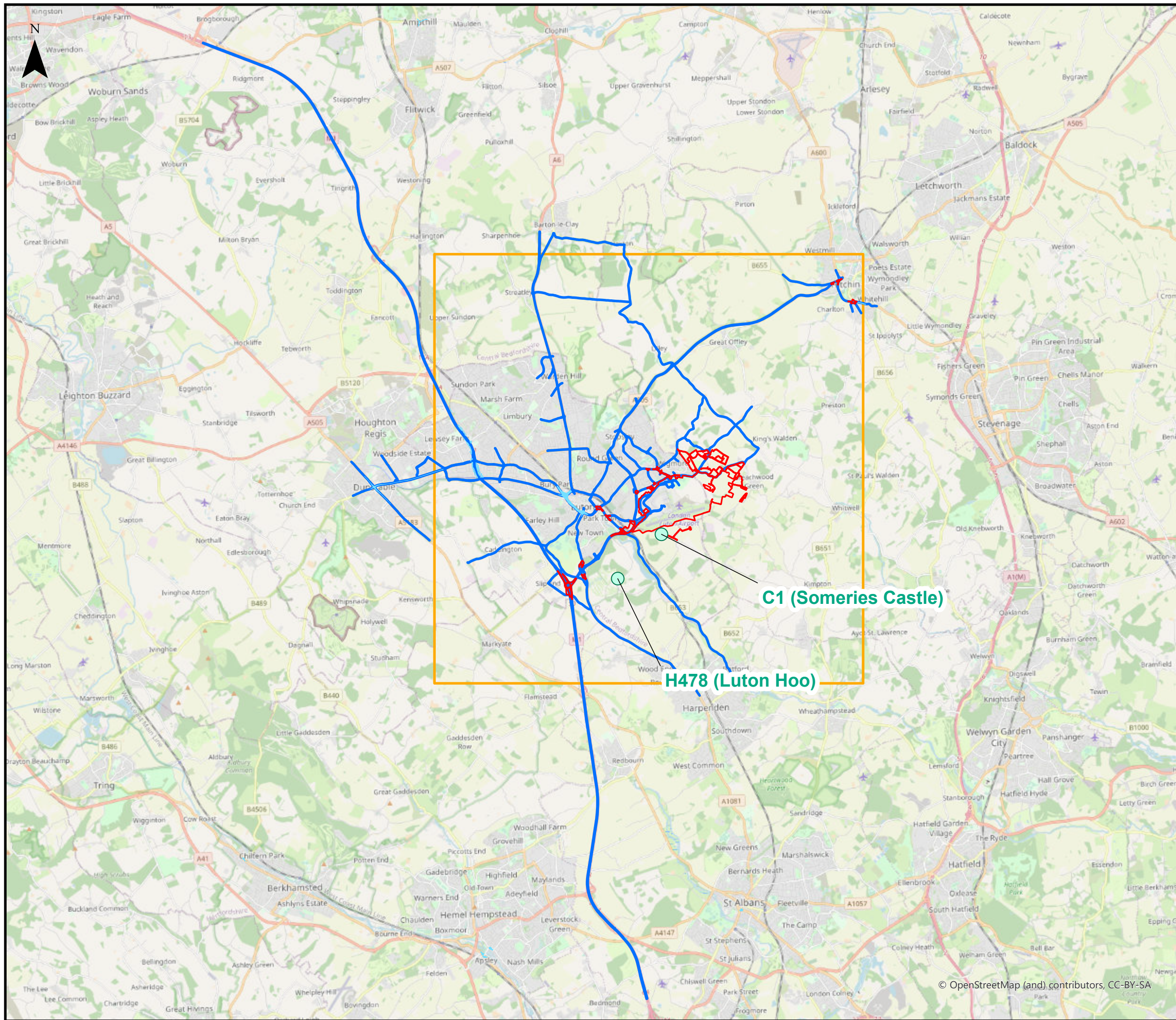
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
 Figure 7.3b Modelled ecological receptors
 Page: 11 of 11

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:20,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0110	Revision P02
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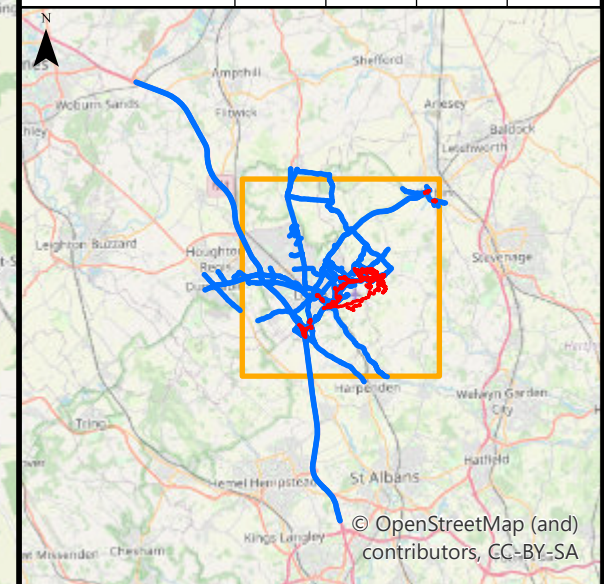
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Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Air Quality Management Areas (AQMAs)
- Modelled Cultural Receptors

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



C1 (Someries Castle)

H478 (Luton Hoo)

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Drawing Title
Figure 7.3c Modelled Cultural Receptors

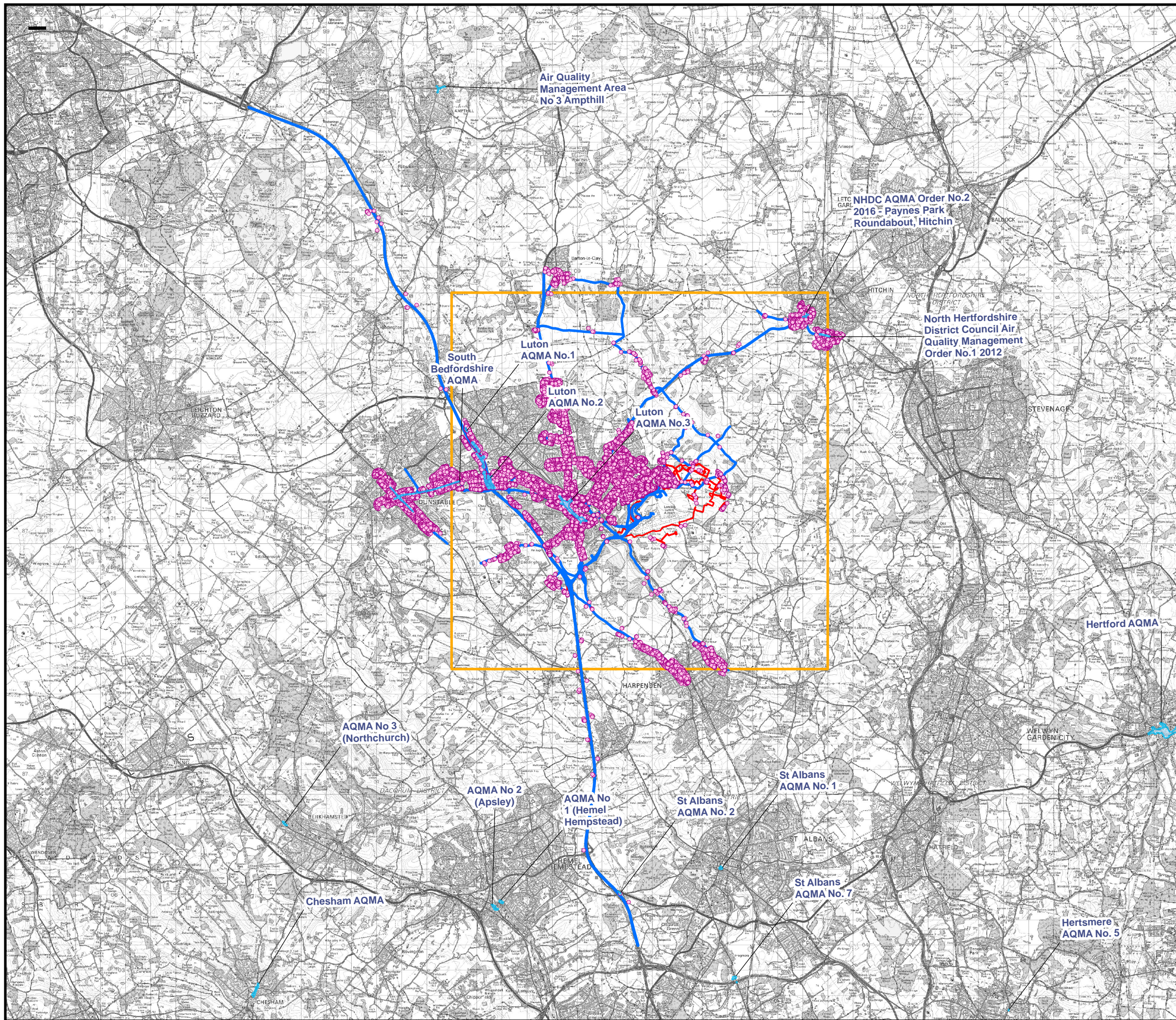
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SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:125,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0111	P01

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Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number



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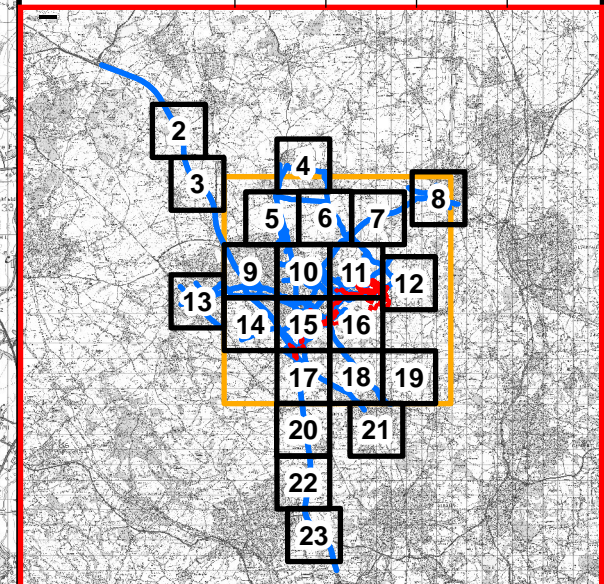
All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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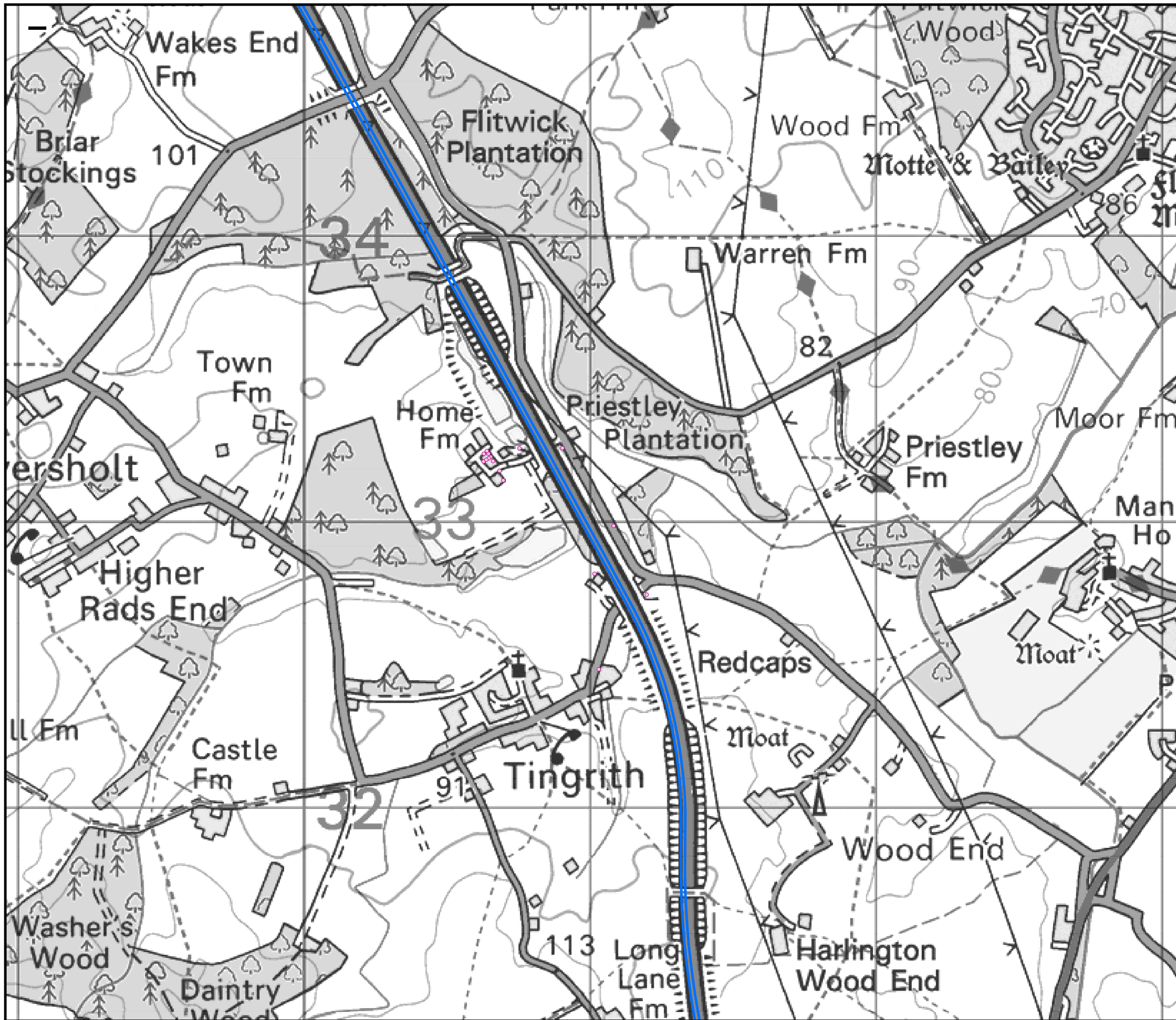
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 1 of 23

Purpose of issue	Additional submissions (updated in response to Rule 9 letter)			Suitability
Drawn	Checked	Approved	Date	Scale
AB	SB	CS	31/05/23	1:142,500
Size	A3			

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-0000-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp. - Number	



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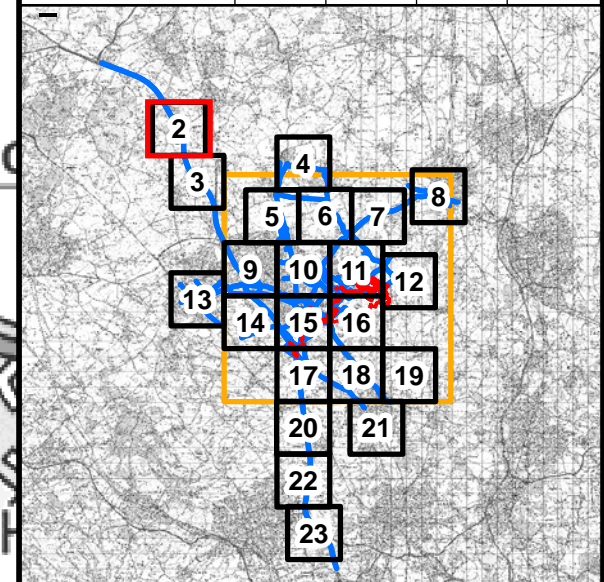
All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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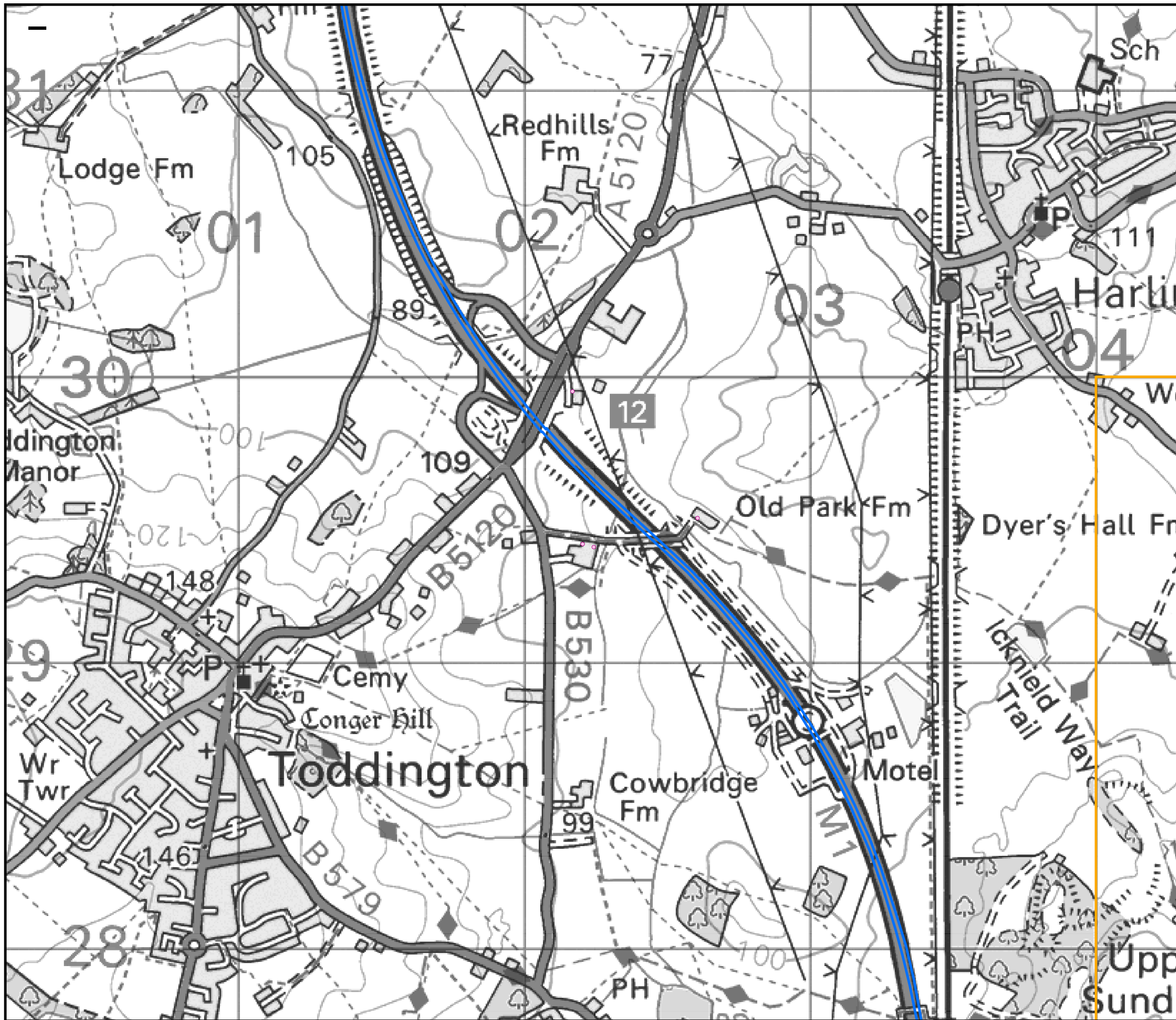
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 Development Consent Order**

Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 2 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500	Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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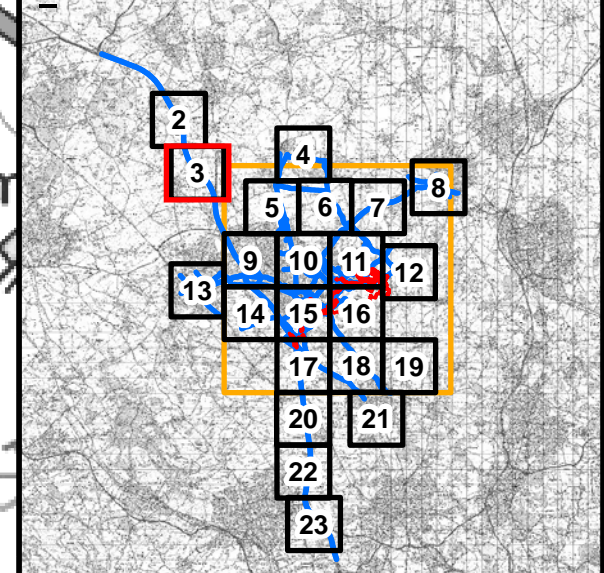
All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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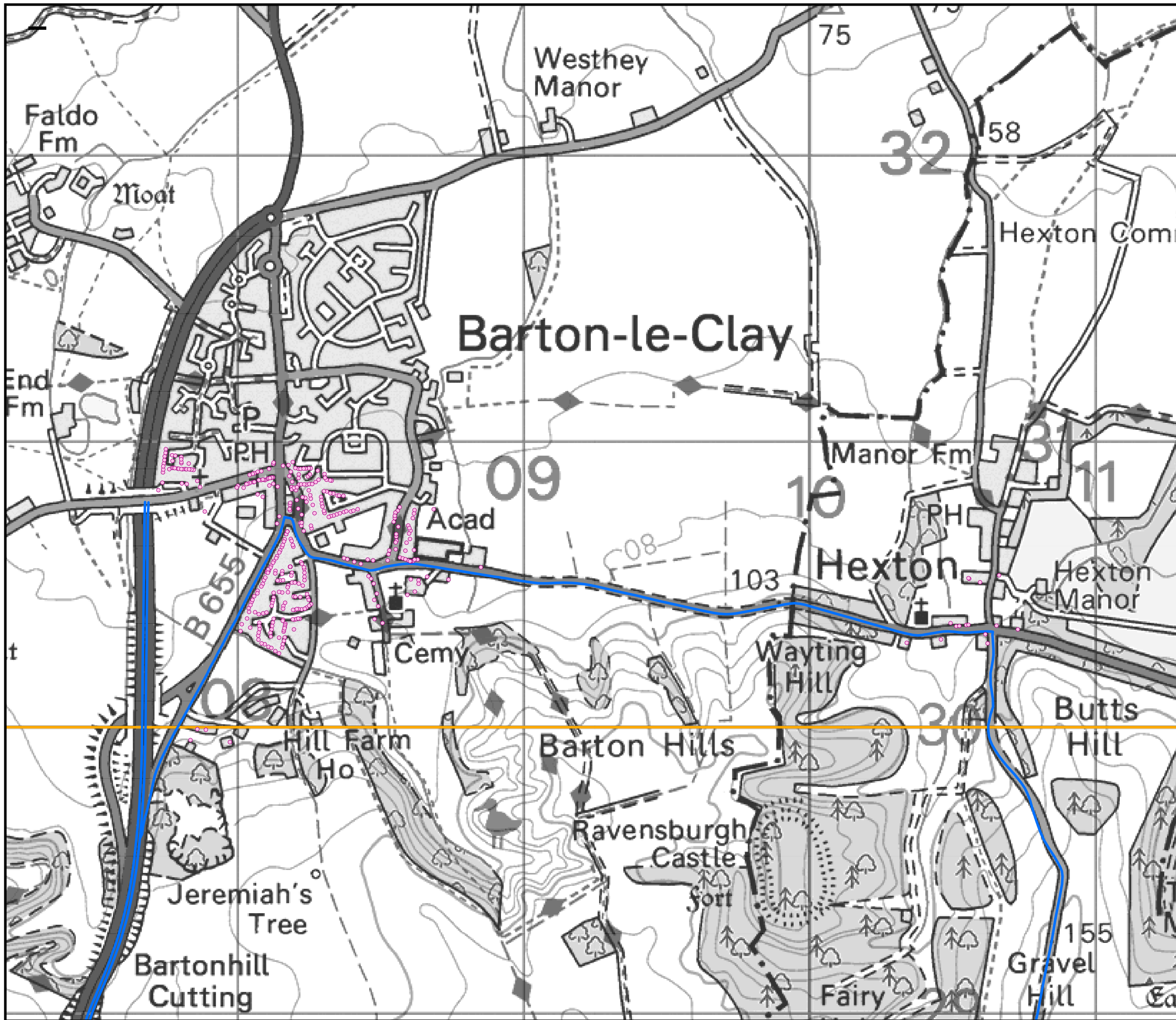
Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 3 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02

Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number



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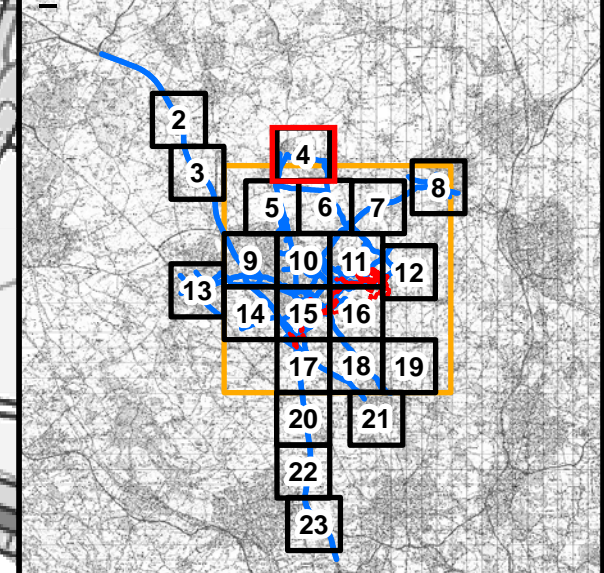
All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

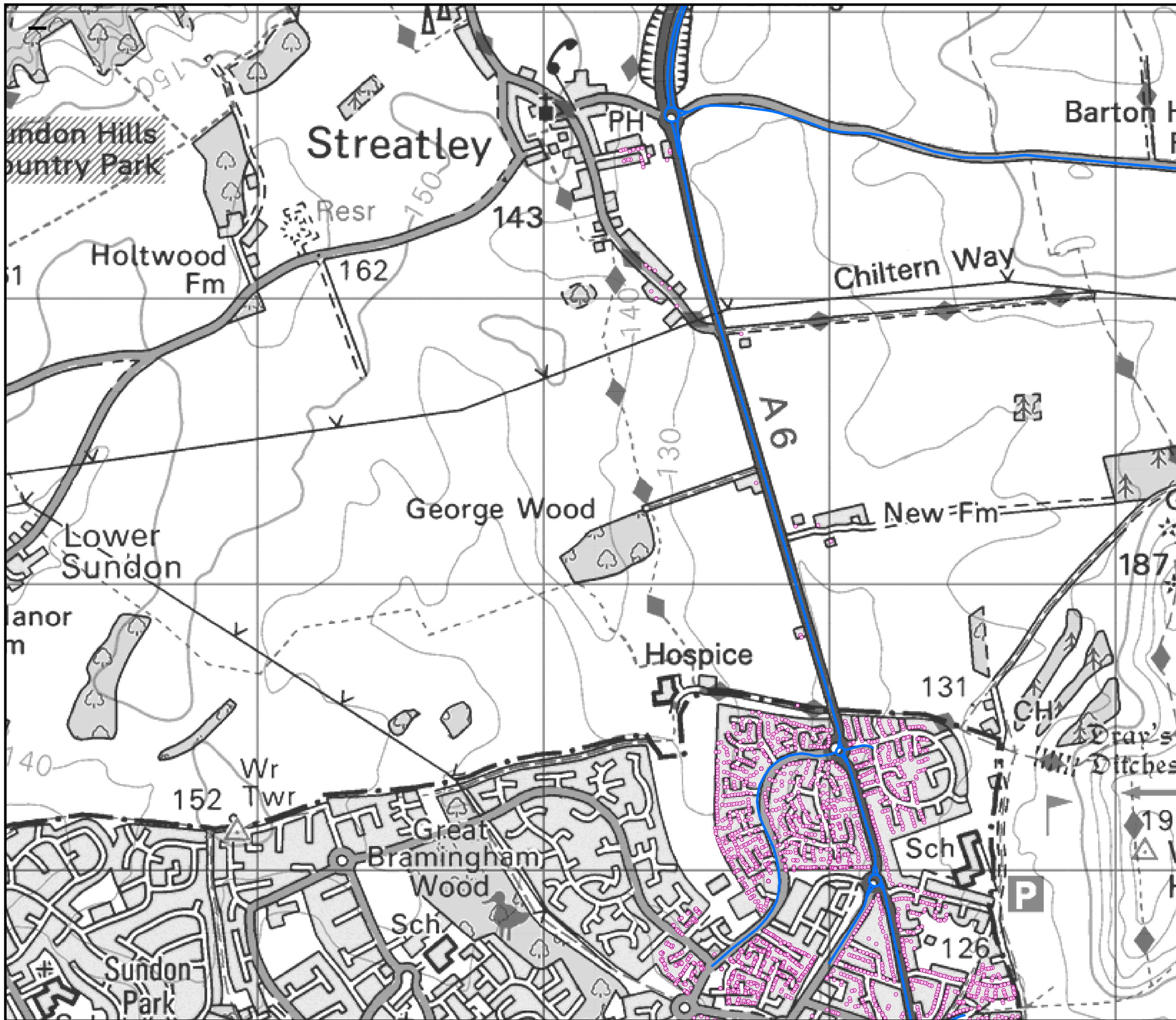


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Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 4 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3
DCO Application Ref. TR020001		APFP Regulation APFP 5(2)(a)		DCO Document Ref. TR020001/APP/5.03	
Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500					Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number					



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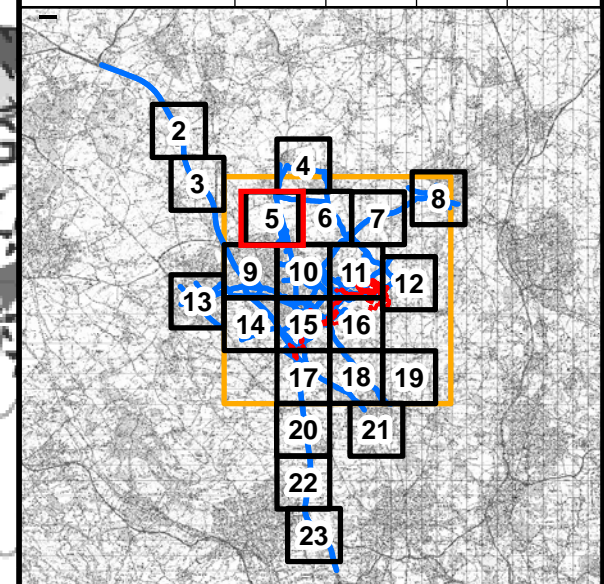
All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
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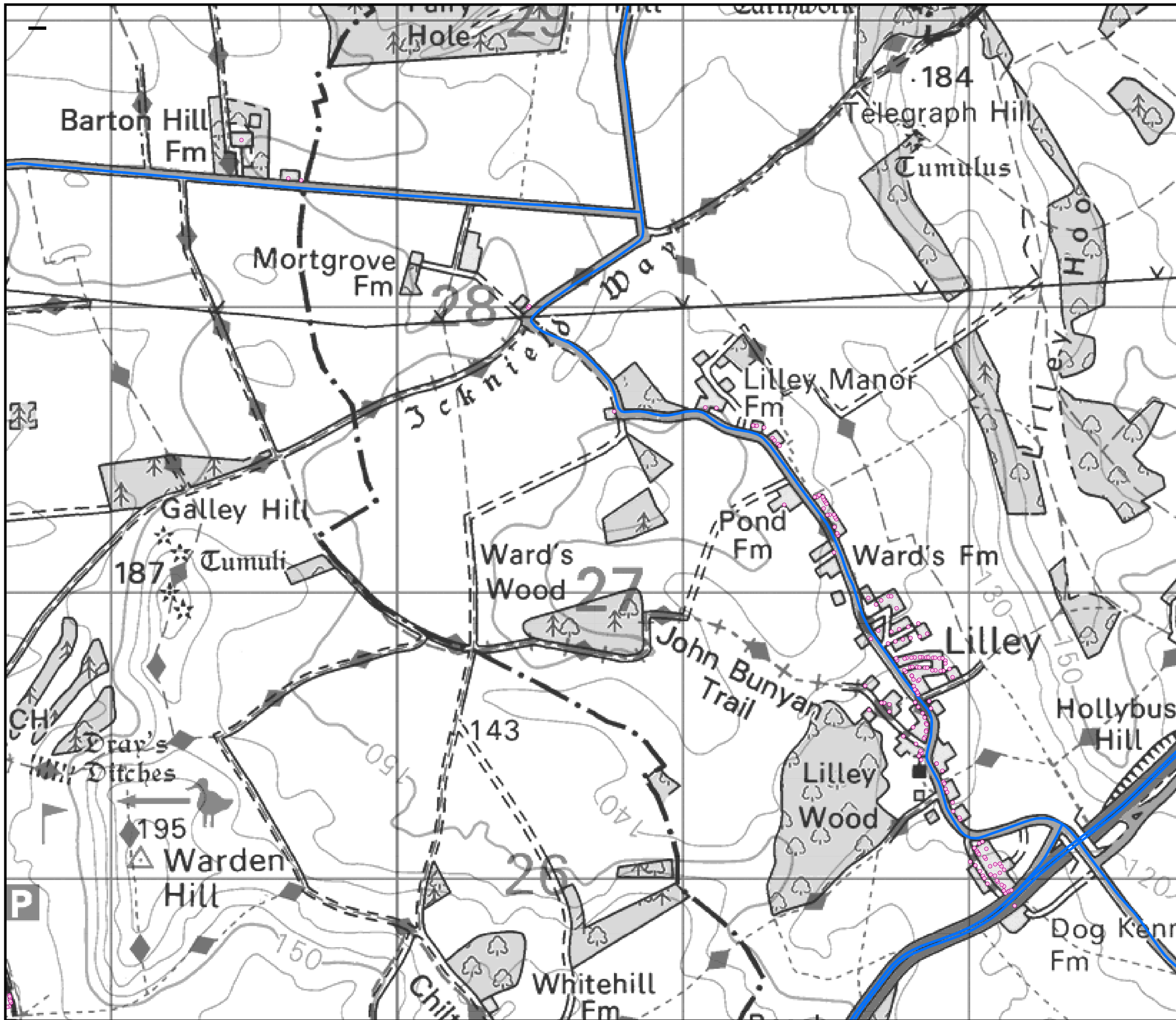
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Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 5 of 23

Purpose of issue	Additional submissions (updated in response to Rule 9 letter)				Suitability	
Drawn	Checked	Approved	Date	Scale	Size	
AB	SB	CS	31/05/23	1:12,500	A3	

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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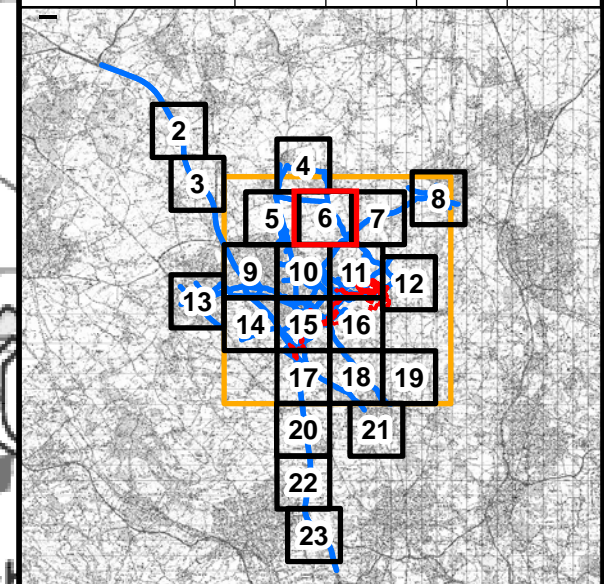
All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

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Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
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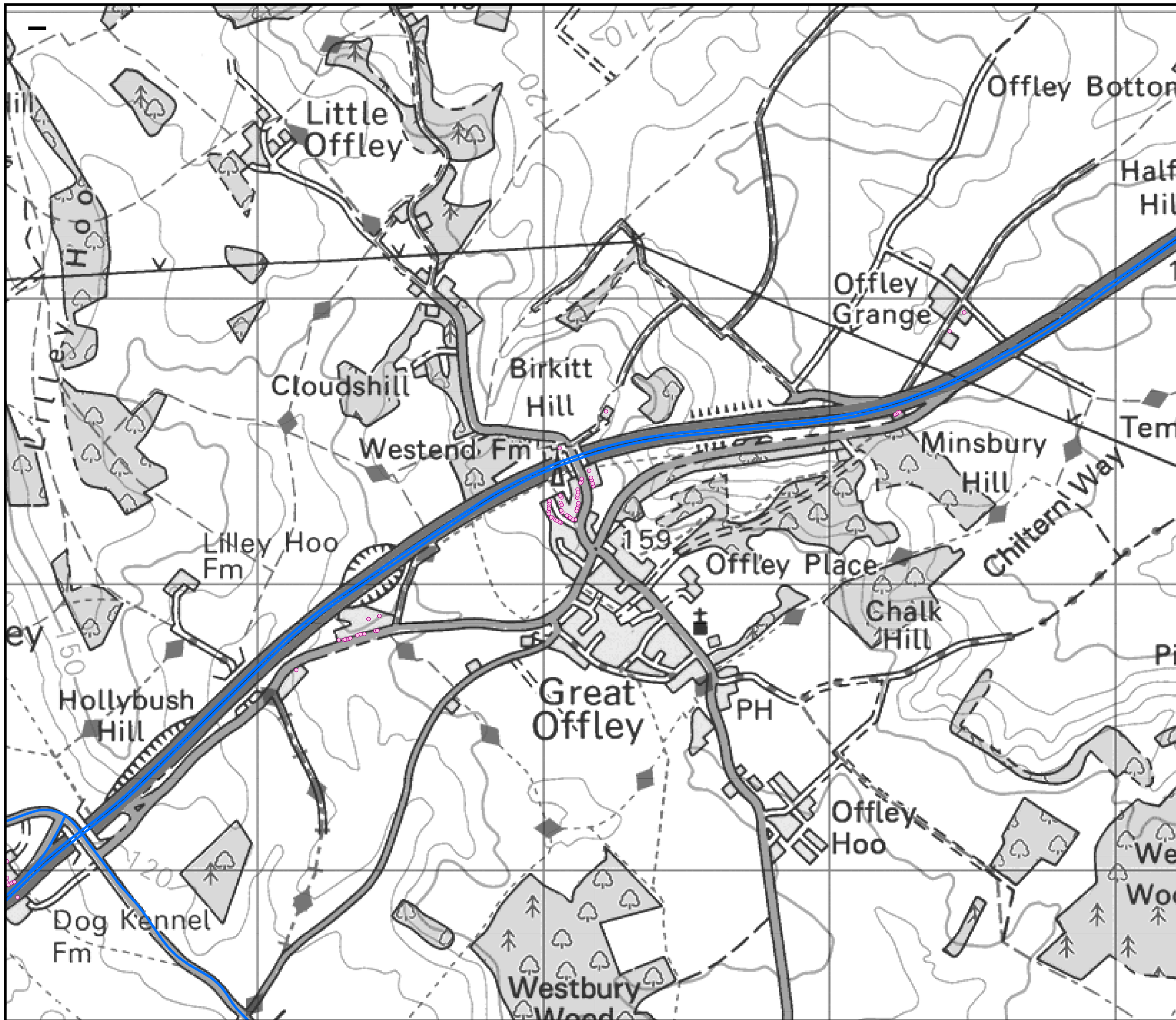
Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 6 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500	Revision P02
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Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp - Number



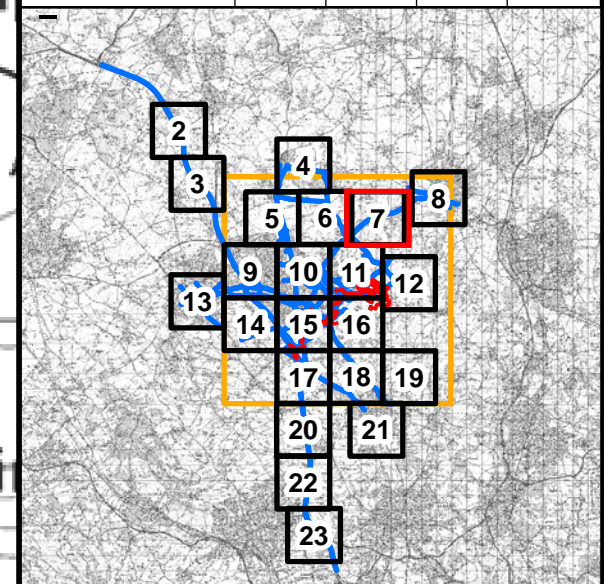
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Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

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Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

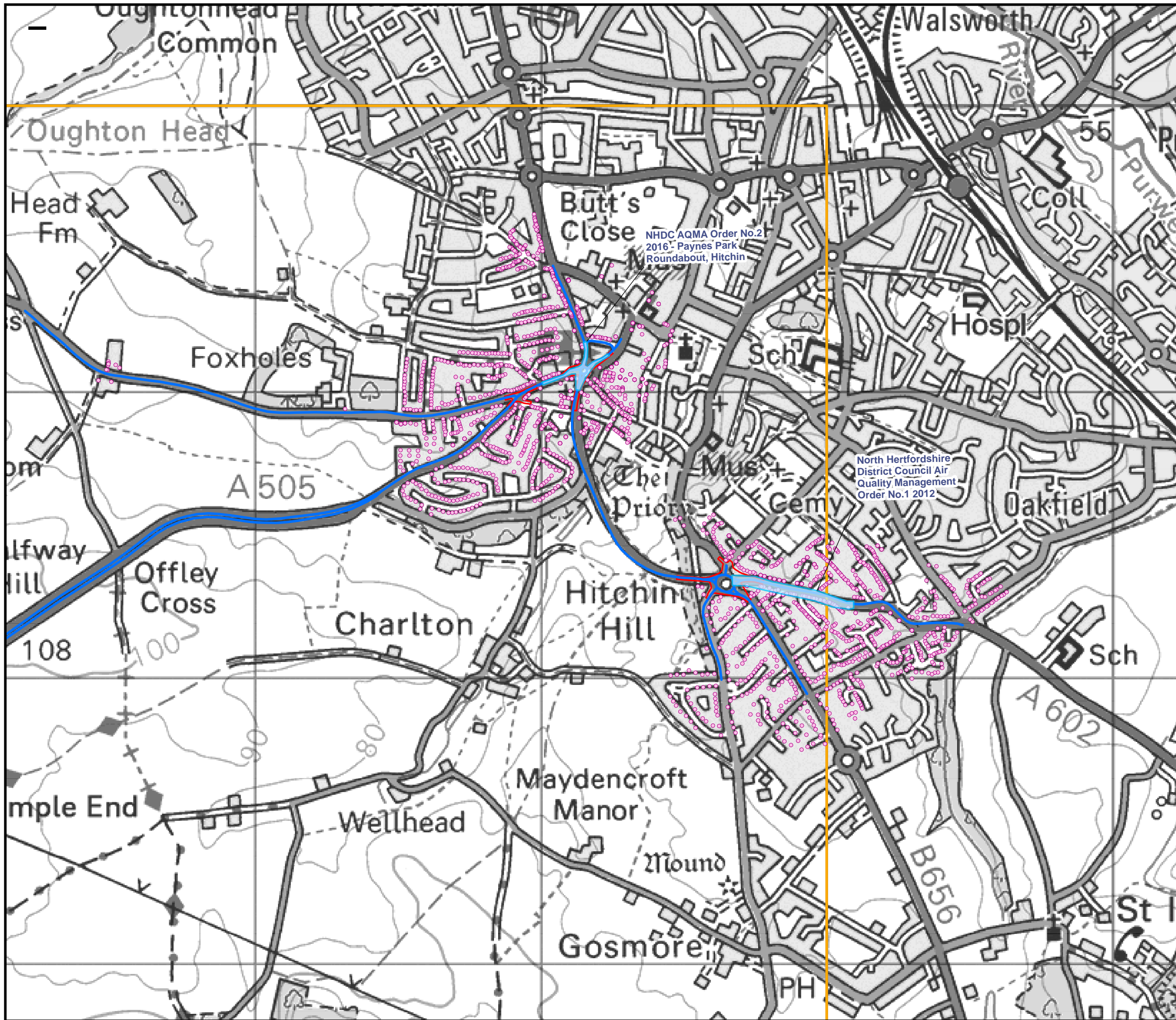


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Drawing Title
 Figure 7.3d Modelled Receptors for Health Assessment
 Page: 7 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3
DCO Application Ref. TR020001		APFP Regulation APFP 5(2)(a)		DCO Document Ref. TR020001/APP/5.03	
Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500					Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number					

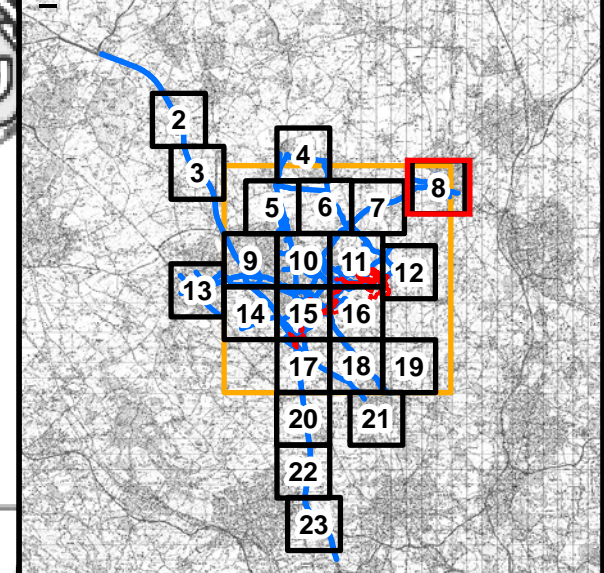


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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Health Receptors
 - Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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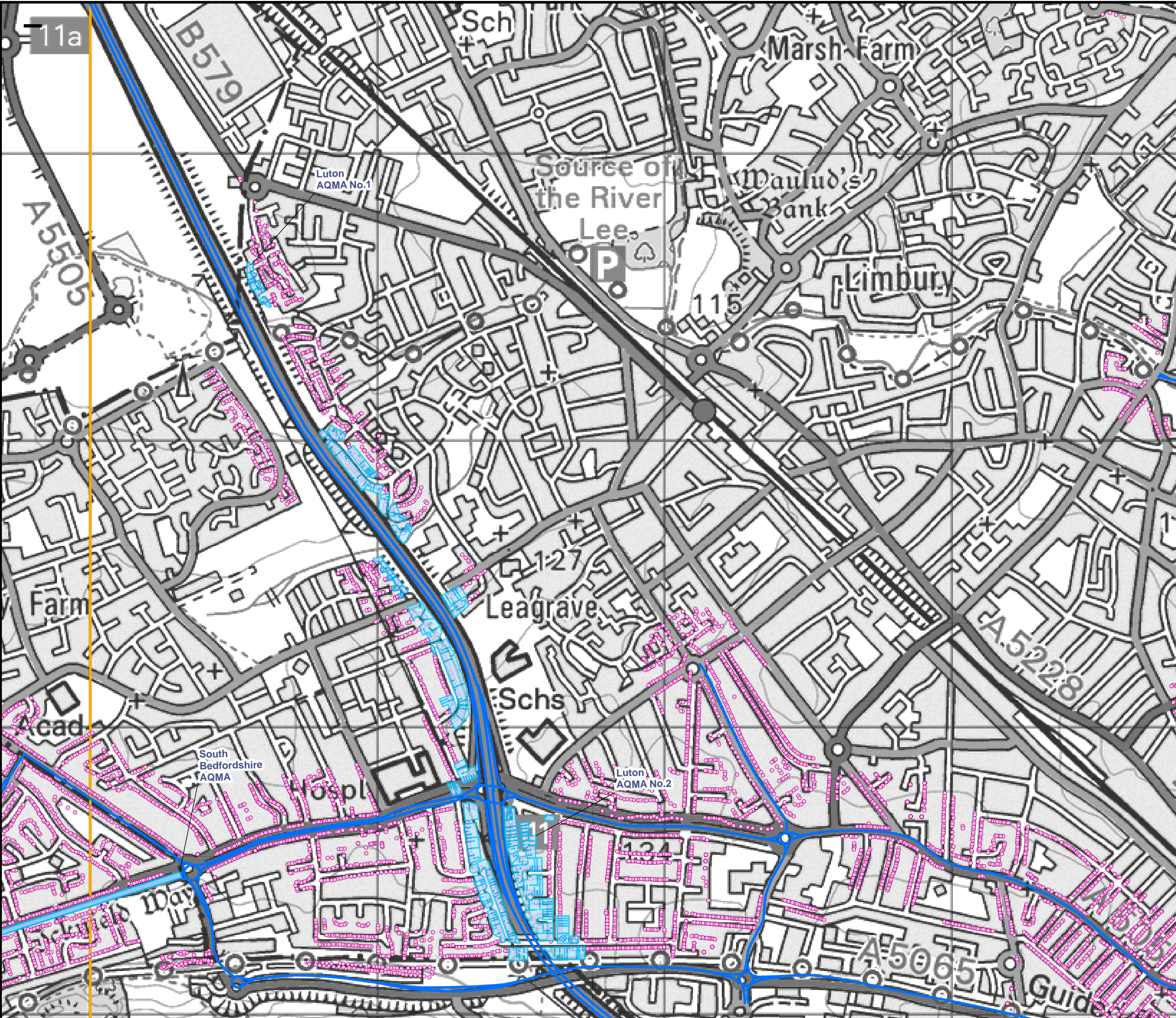
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
 Figure 7.3d Modelled Receptors for Health Assessment
 Page: 8 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	

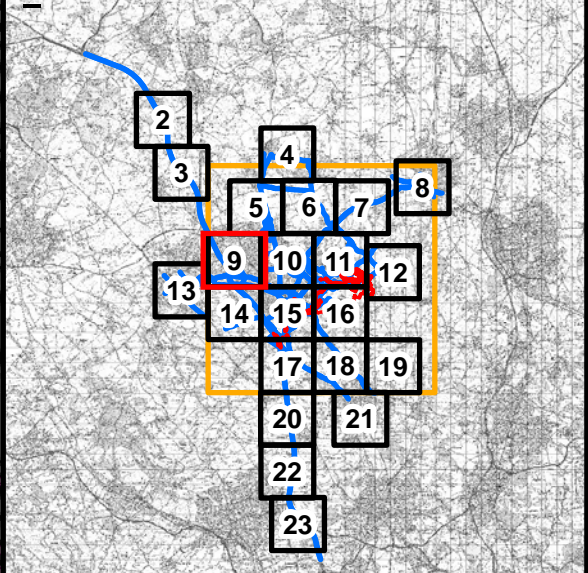


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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Health Receptors
 - Air Quality Management Areas (AQMAs)

Pages 2 - 23 include every residential receptor within 200m of the ARN for statistical use in the Health Impact Assessment reported in Chapter 13 of the ES [APP-039] and are therefore not individually numbered

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

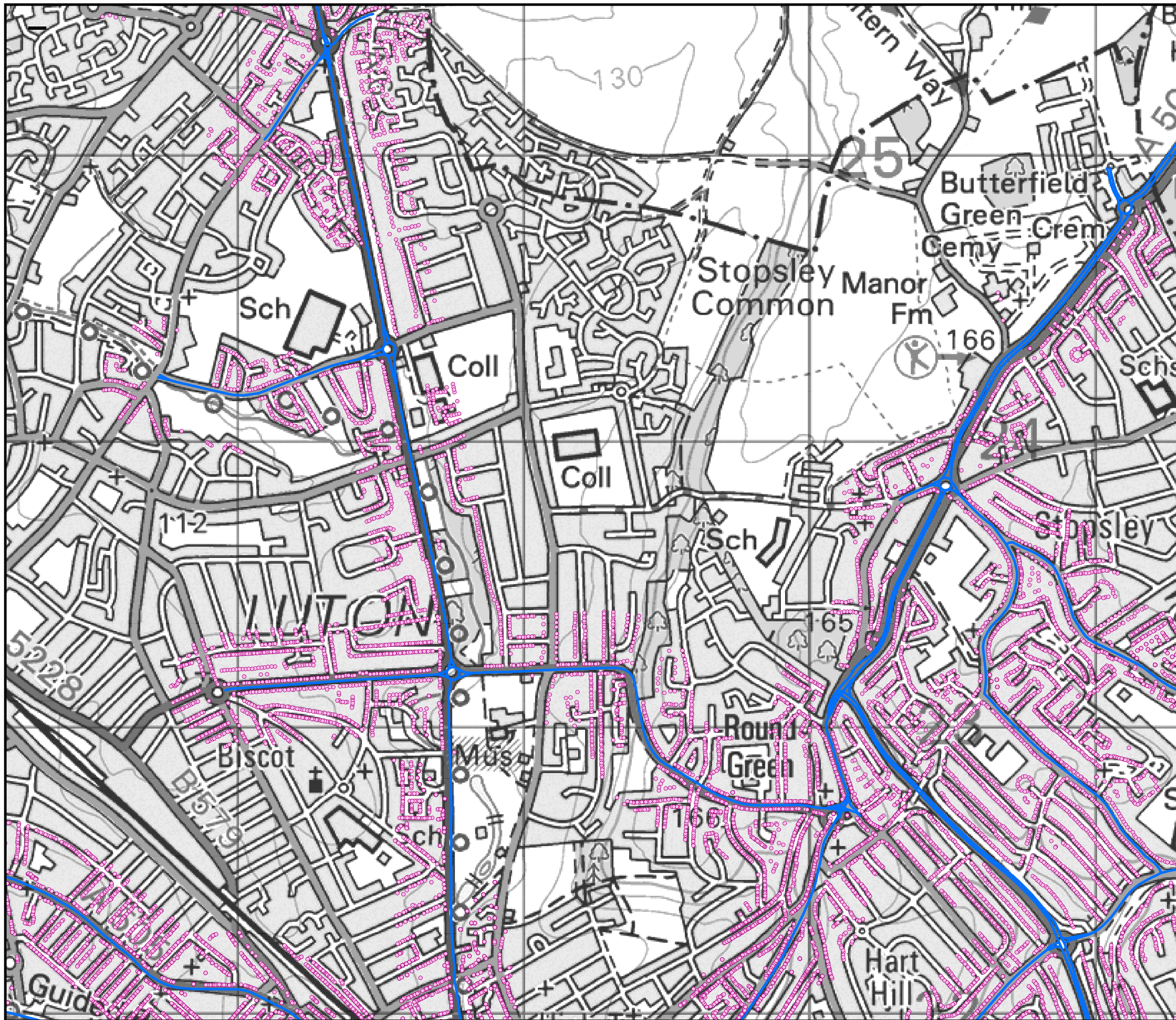


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Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 9 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3
DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03			
Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500					Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number					



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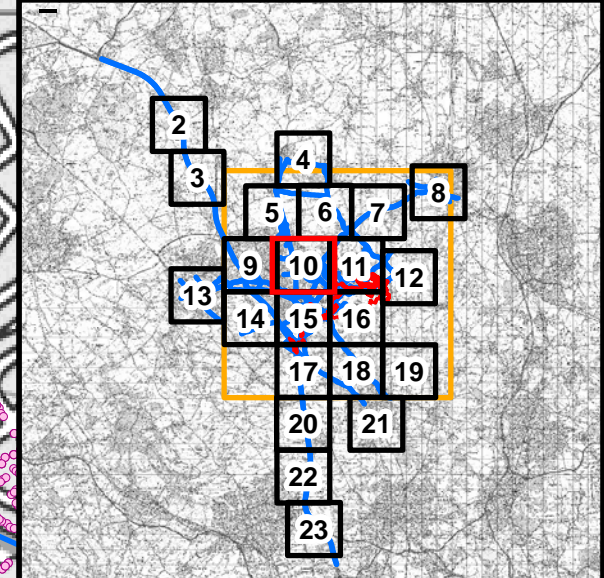
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Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Health Receptors
- Air Quality Management Areas (AQMAs)

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Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

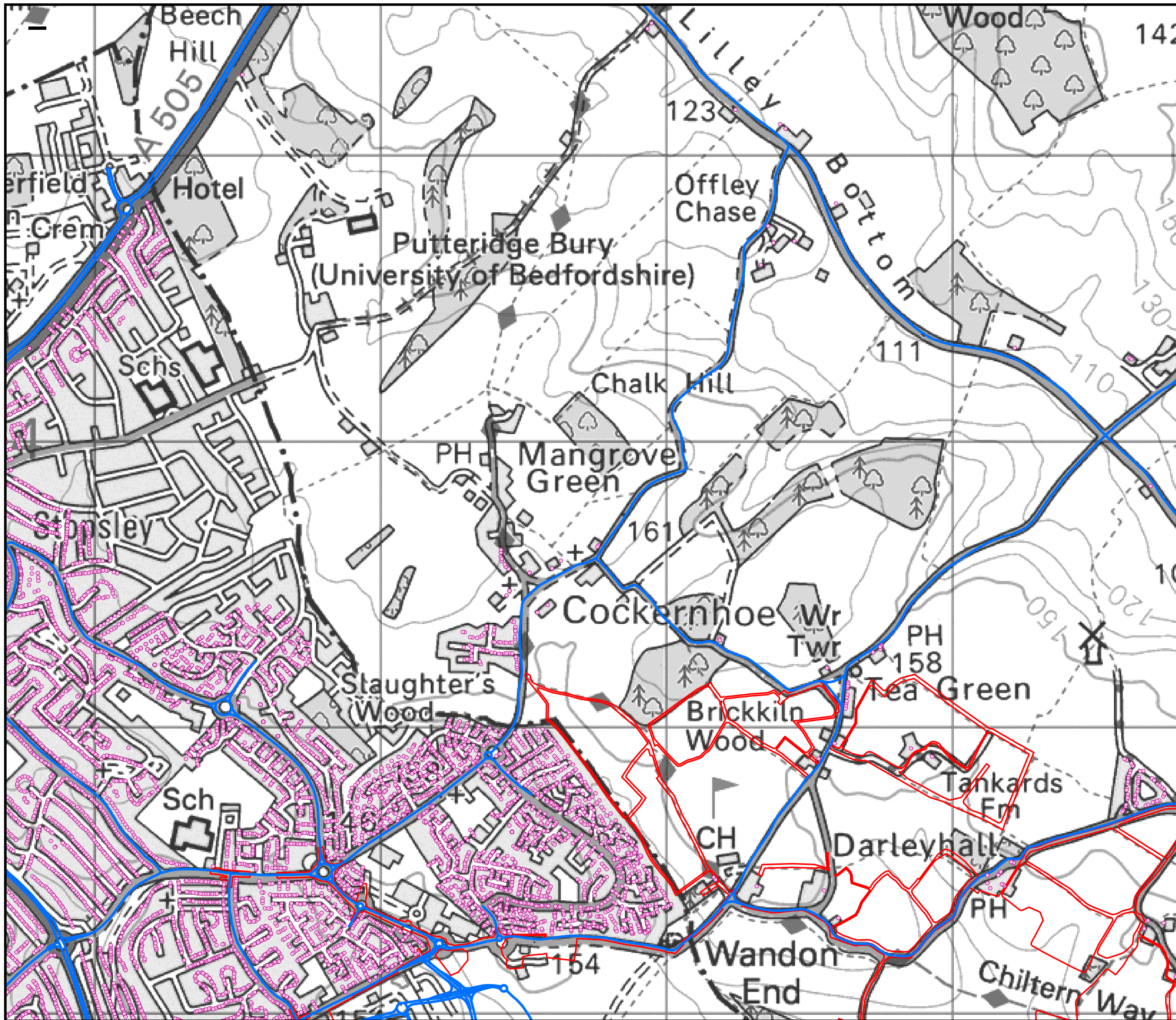


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Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 10 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3
DCO Application Ref.	APFP Regulation	DCO Document Ref.			
TR020001	APFP 5(2)(a)	TR020001/APP/5.03			
Drawing Number					Revision
LLADCO-3C-ARP-00-00-DR-YE-0500					P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number					

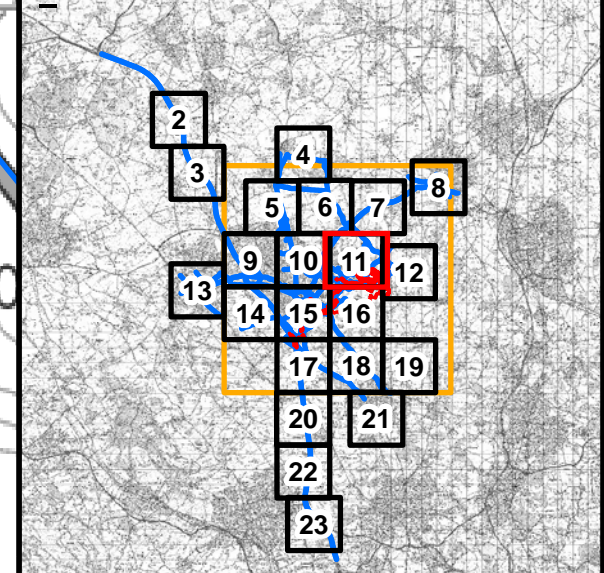


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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Health Receptors
 - Air Quality Management Areas (AQMAs)

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First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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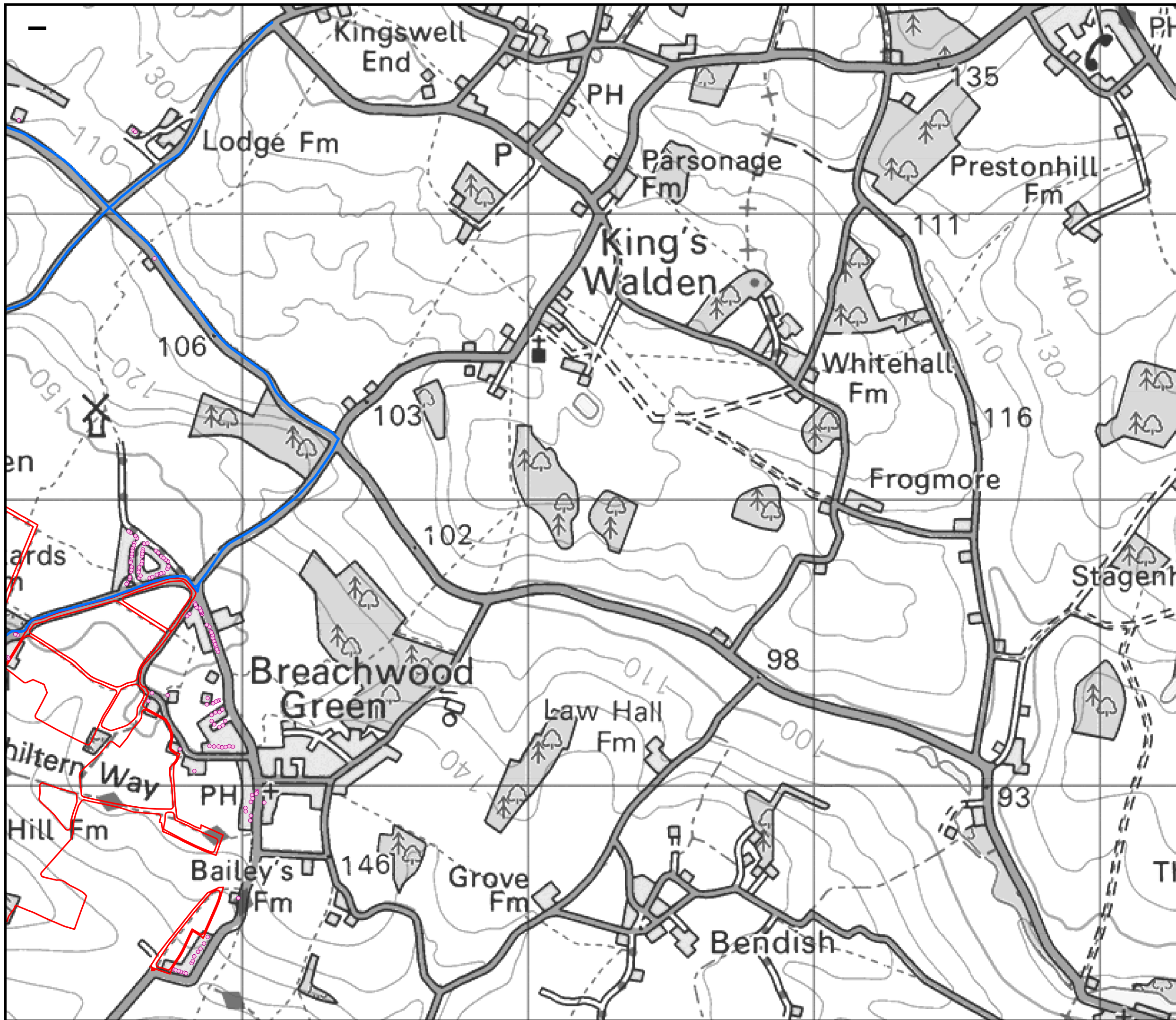
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
 Figure 7.3d Modelled Receptors for Health Assessment
 Page: 11 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-VE-0500	Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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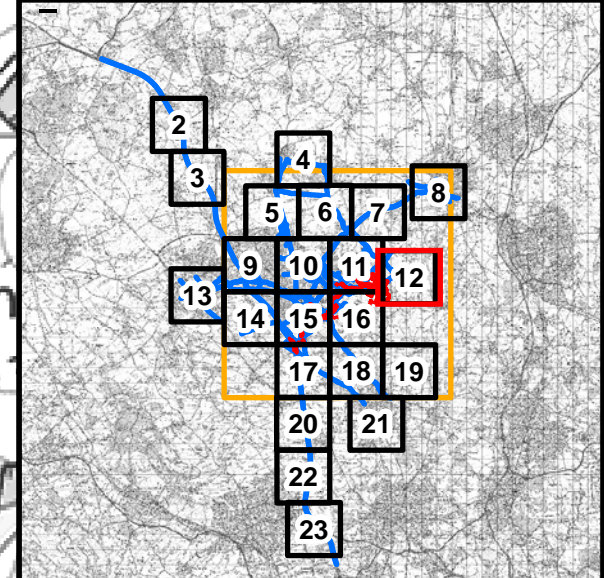
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Legend

- Order Limits
- Grid Area
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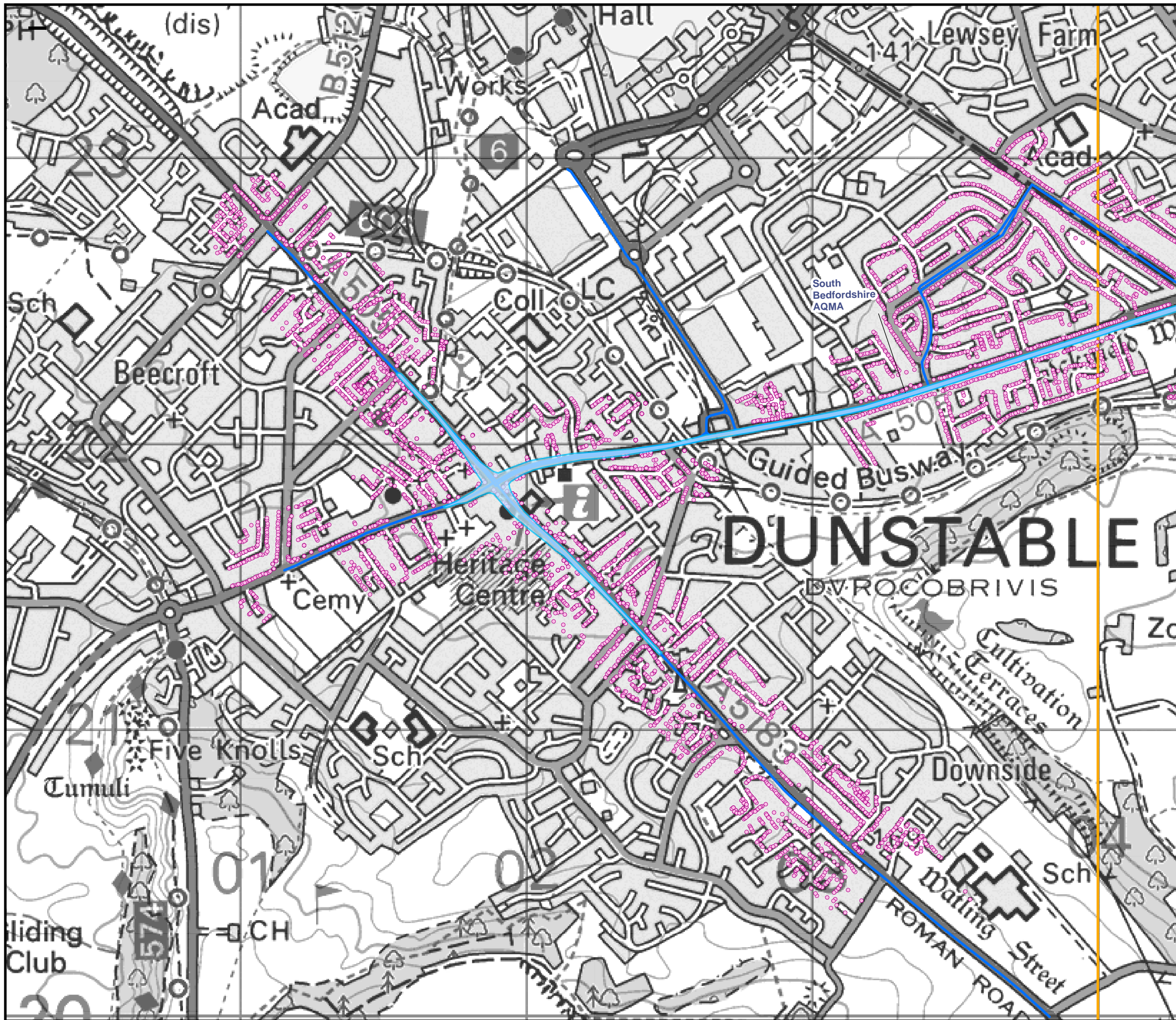
Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.



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Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 12 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3
DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03			
Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500					Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Disp. - Number					

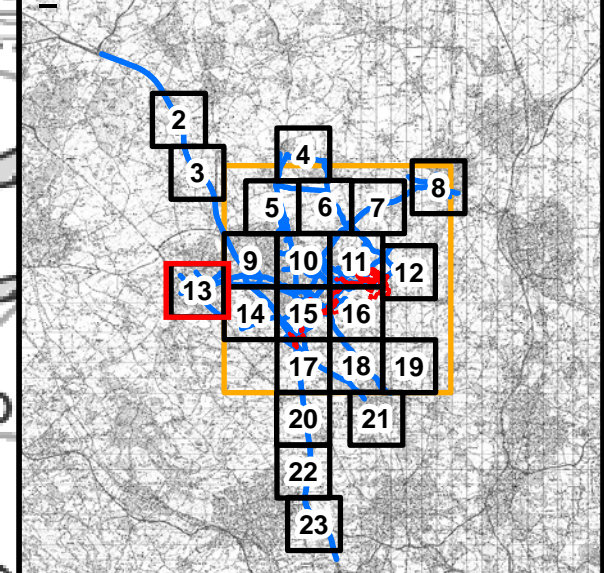


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- Order Limits
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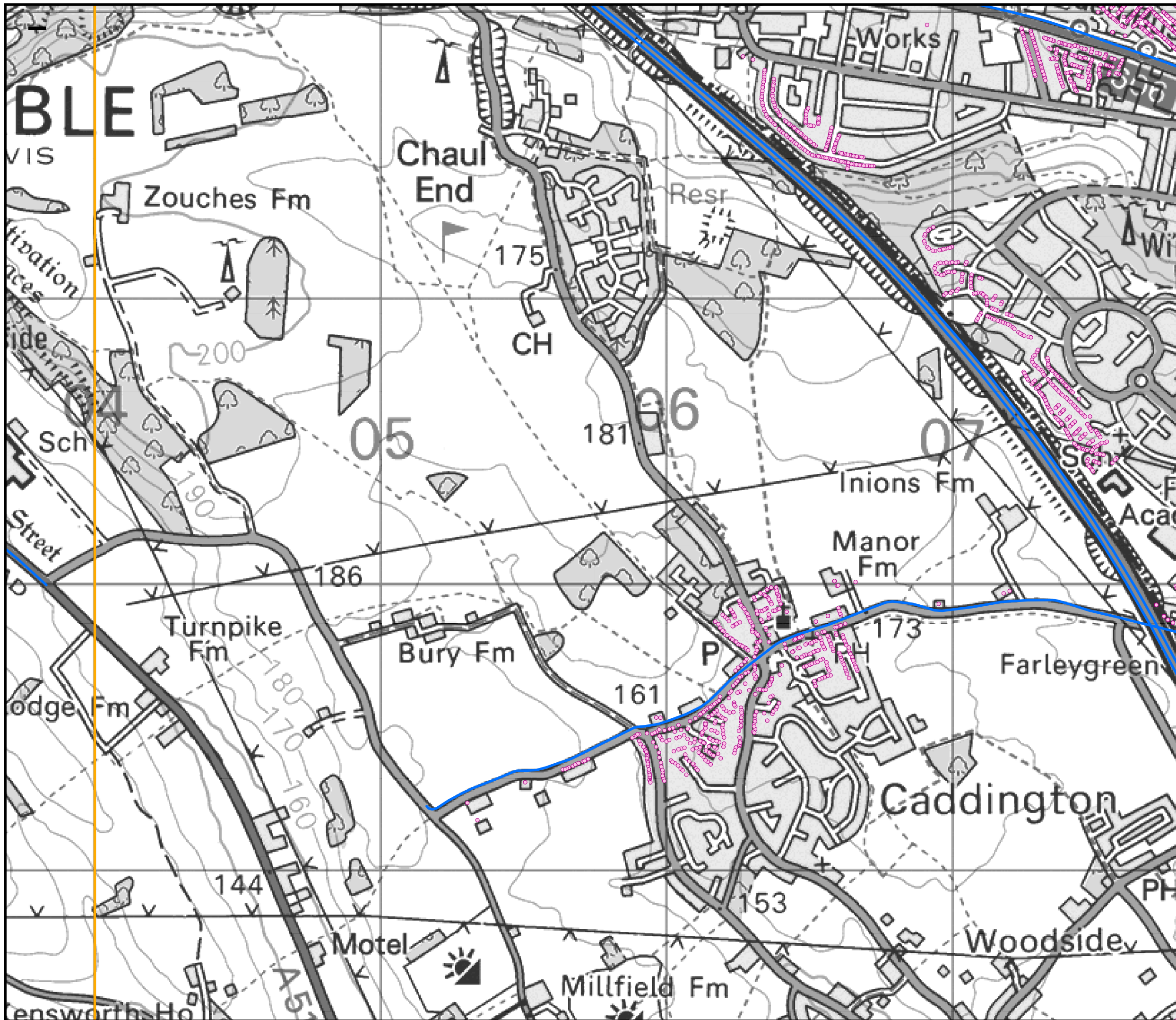
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 13 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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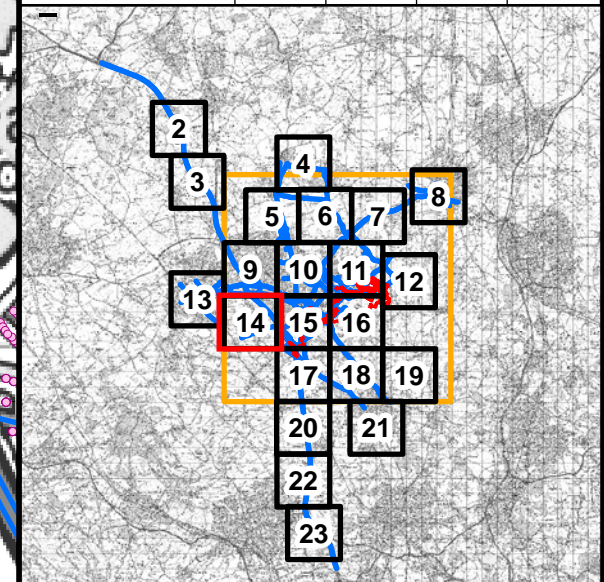
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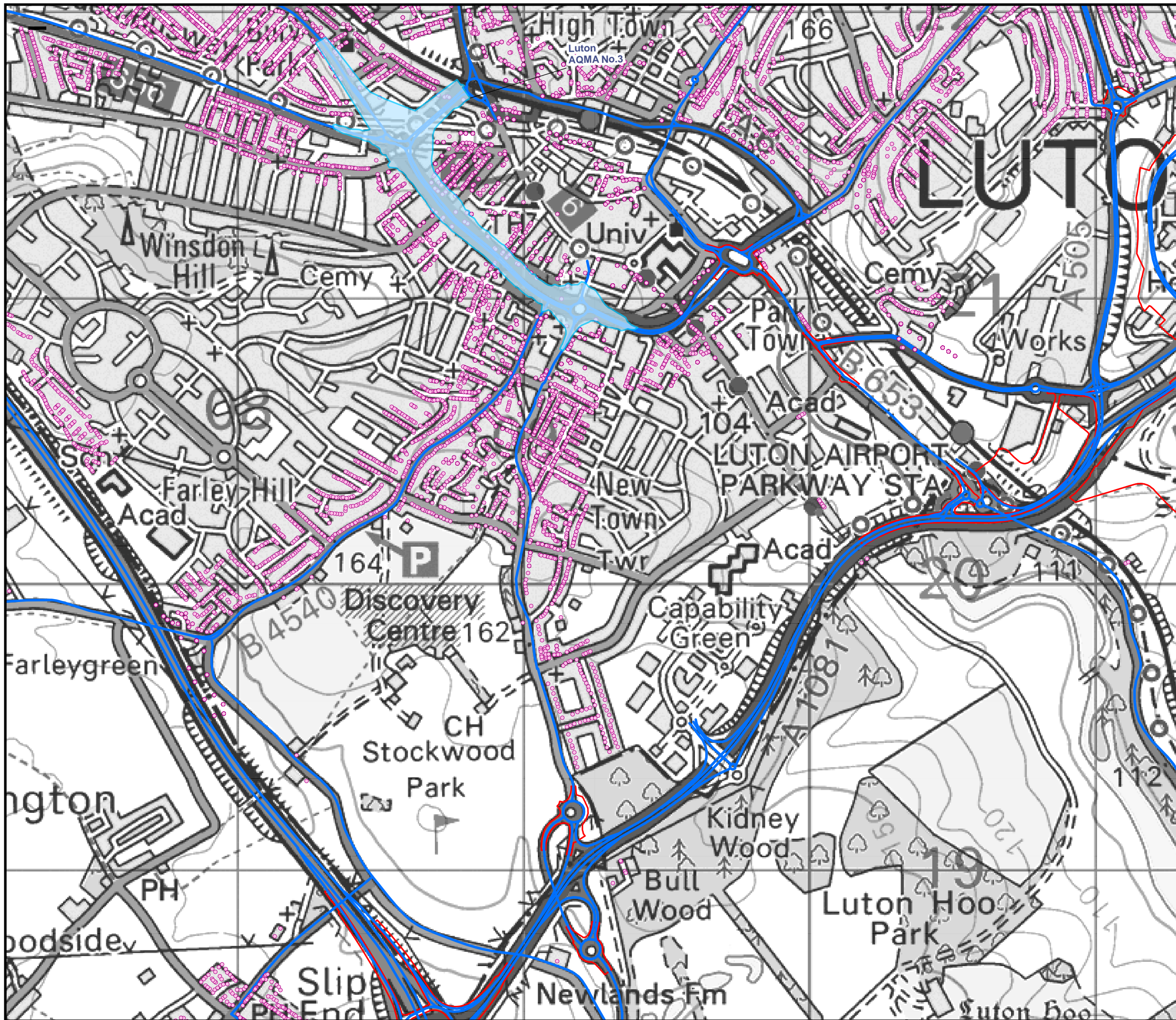
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 14 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp - Number	



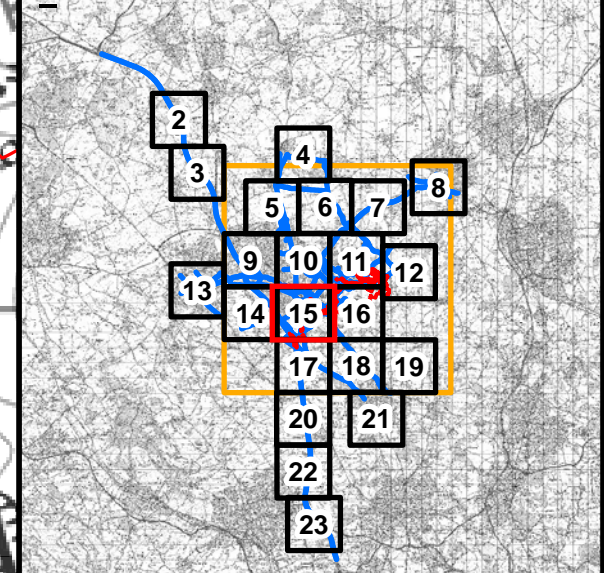
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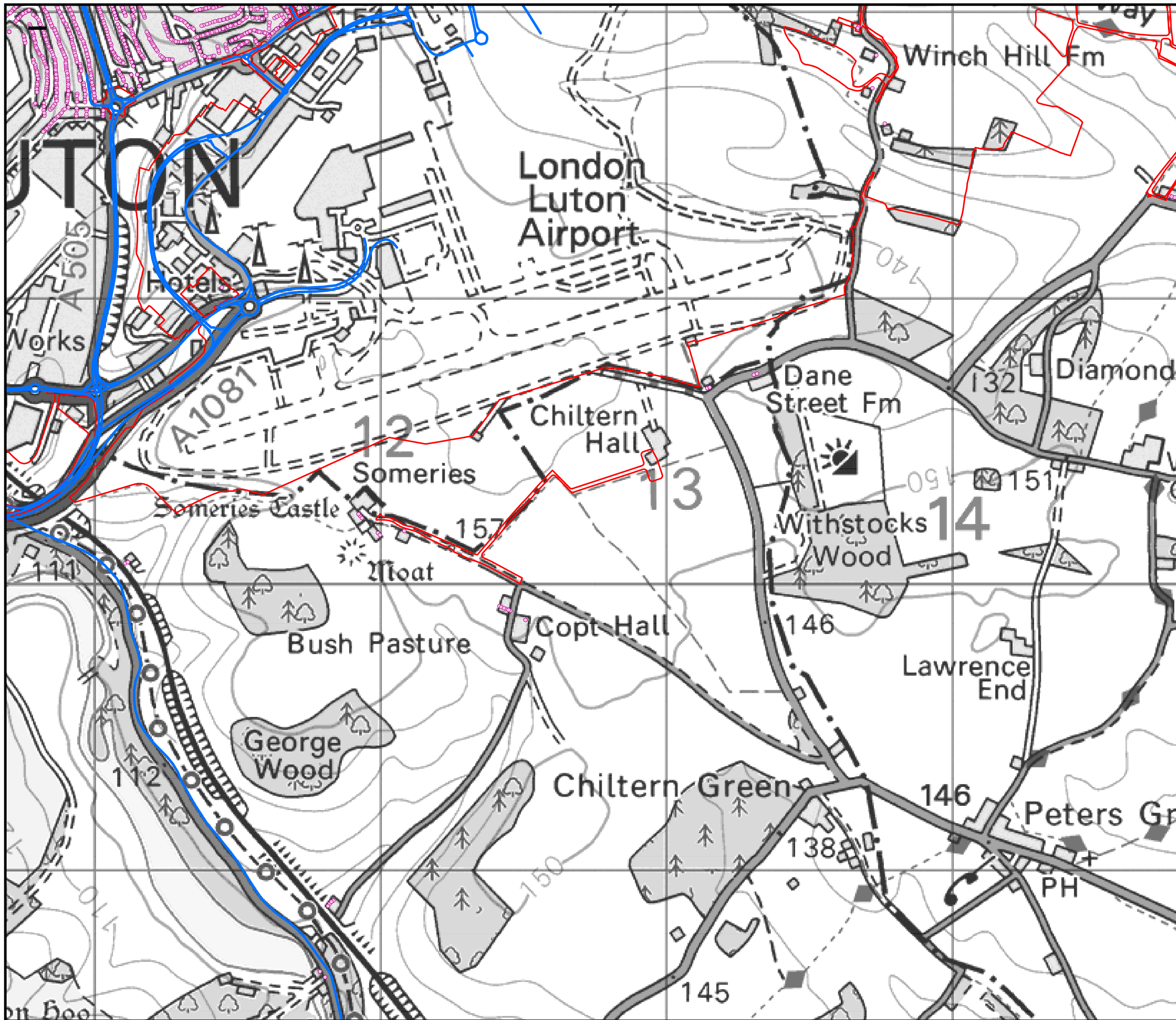


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Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 15 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3
DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03			
Drawing Number LLADCO-3C-ARP-0000-DR-YE-0500					Revision P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp. - Number					



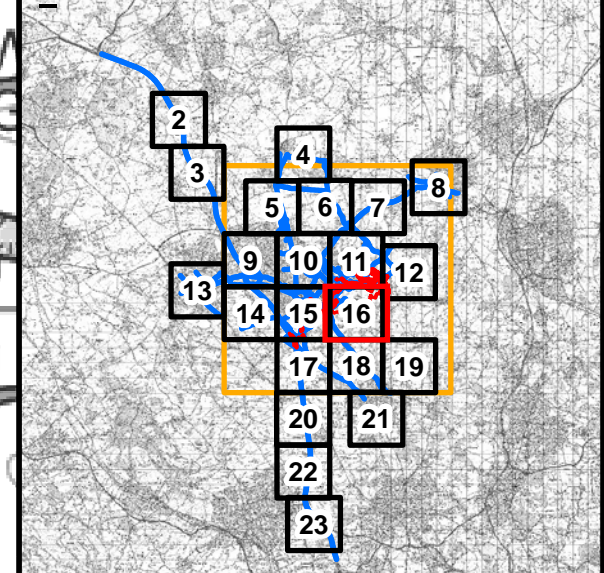
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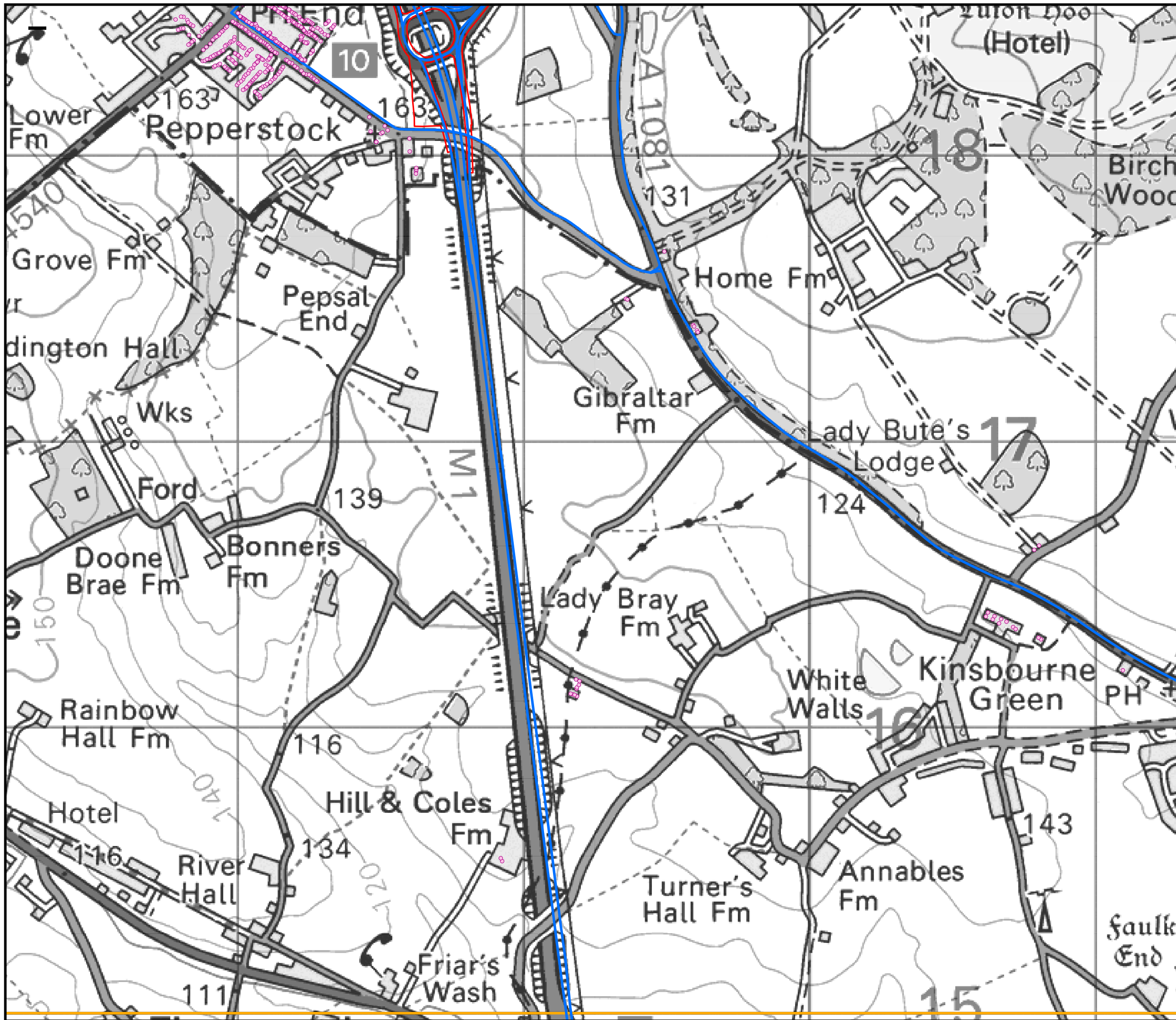
Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 16 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500	Revision P02
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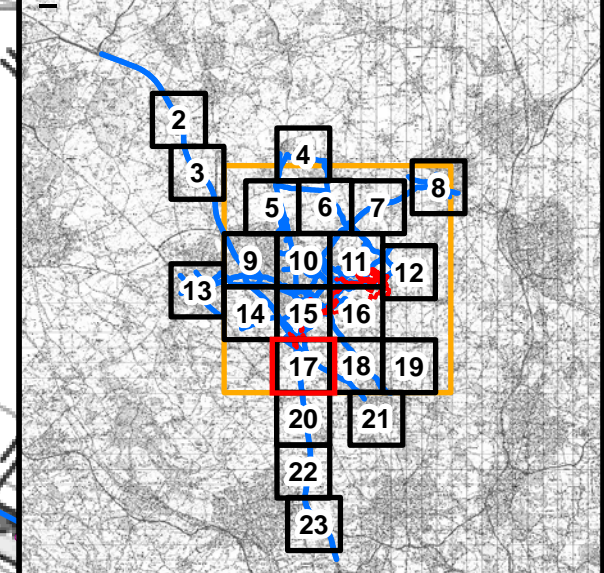
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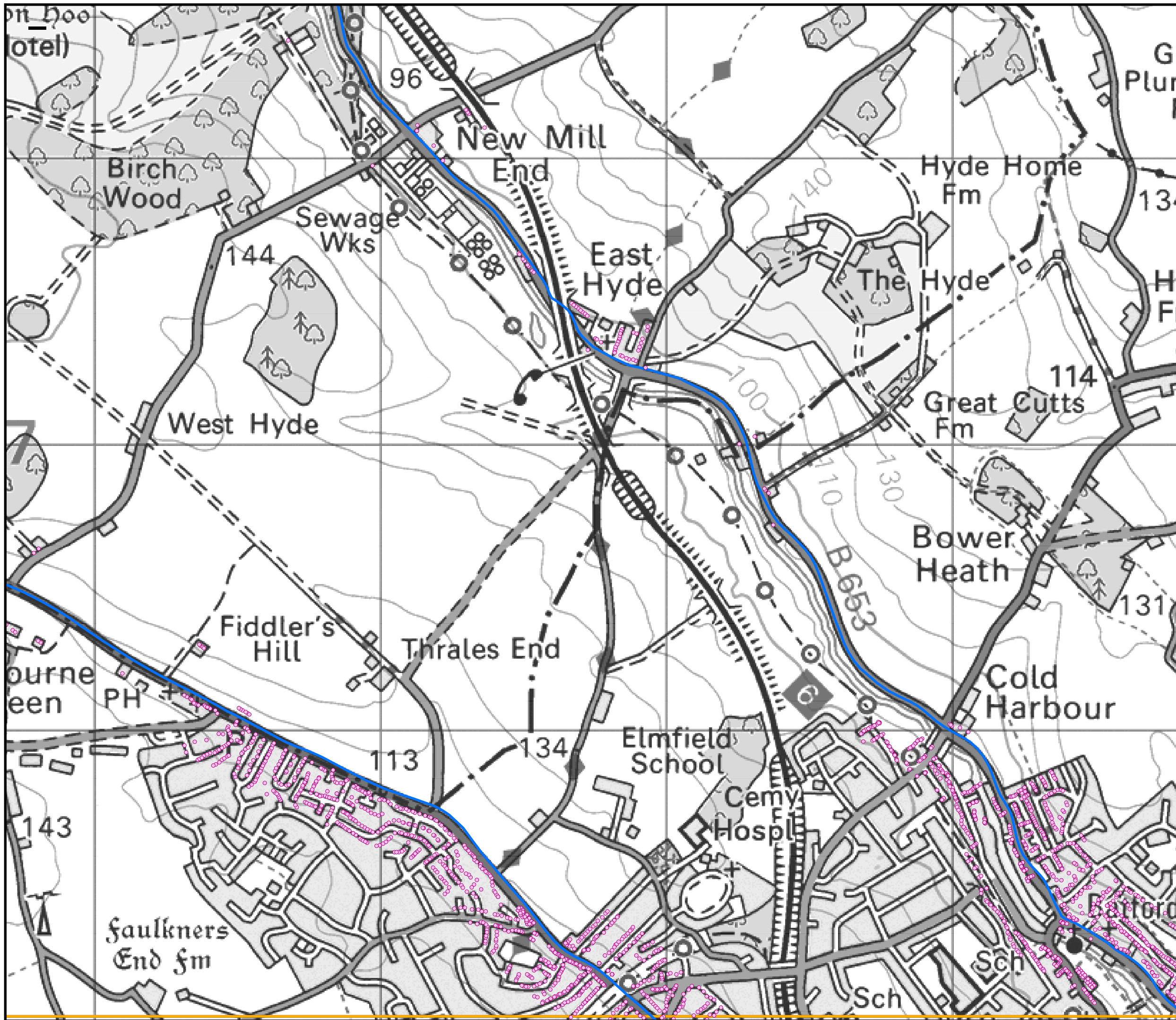
Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 17 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500	Revision P02
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Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp - Number

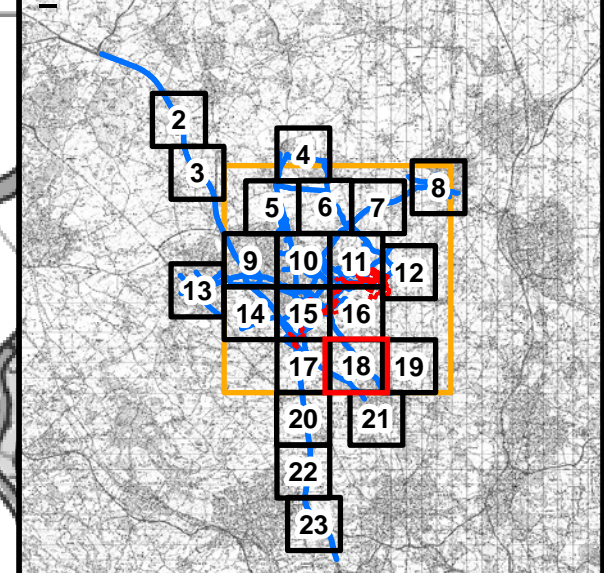


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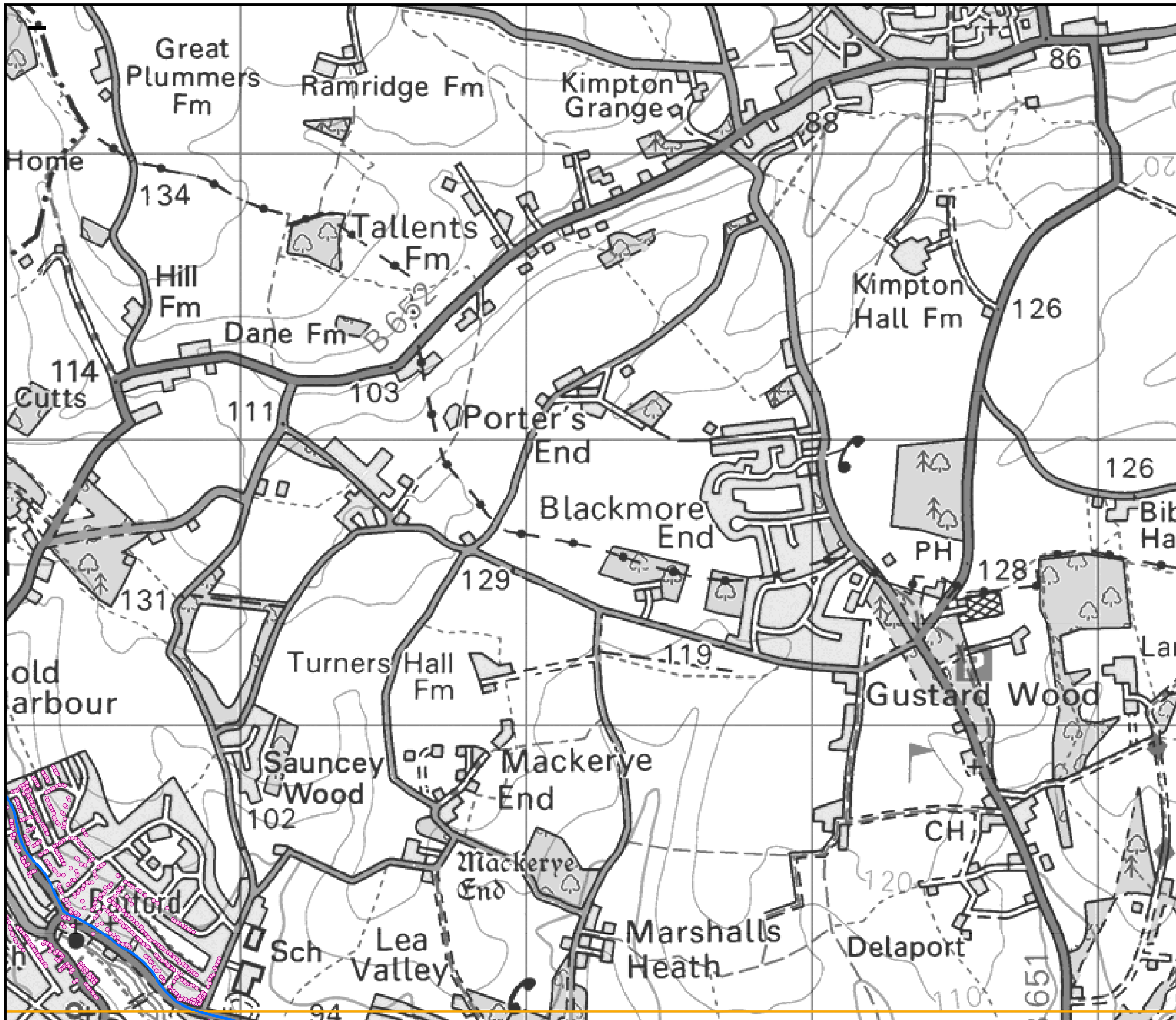
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
 Figure 7.3d Modelled Receptors for Health Assessment
 Page: 18 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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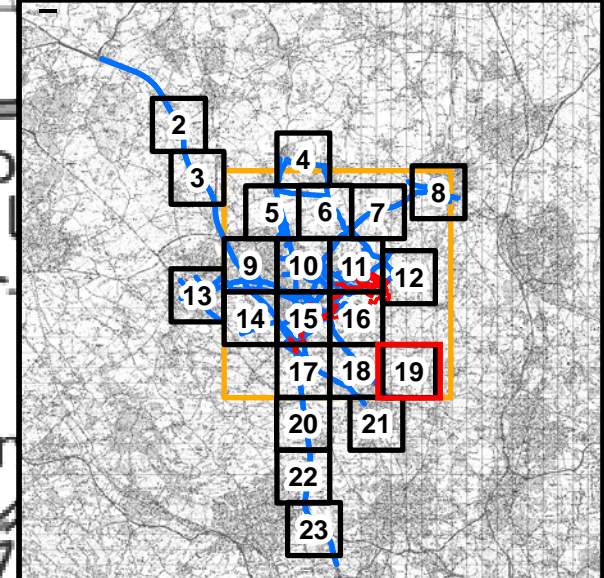
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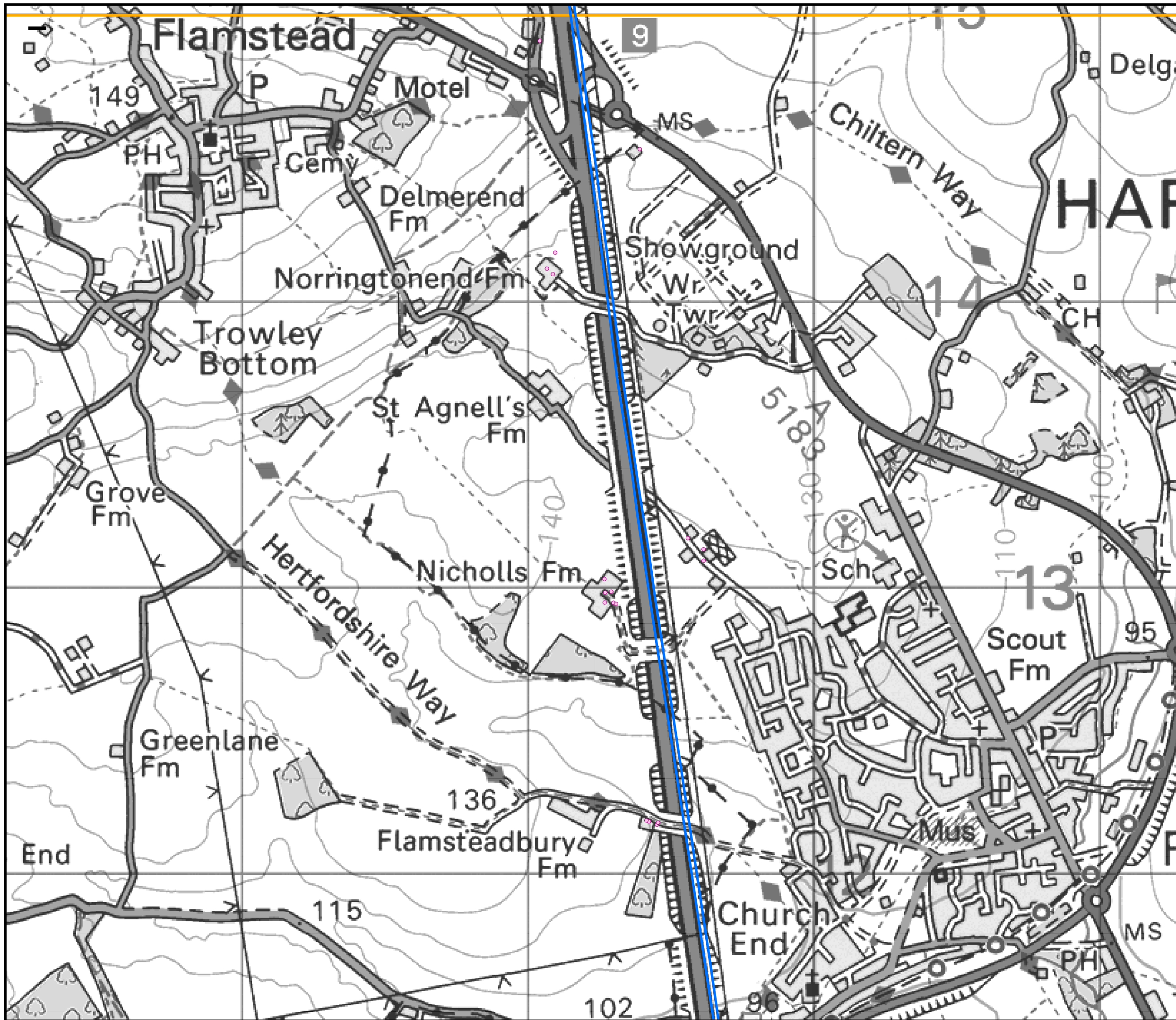
London Luton Airport Expansion Development Consent Order

Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 19 of 23

Purpose of issue	Additional submissions (updated in response to Rule 9 letter)			Suitability
Drawn	Checked	Approved	Date	Scale
AB	SB	CS	31/05/23	1:12,500
Size				A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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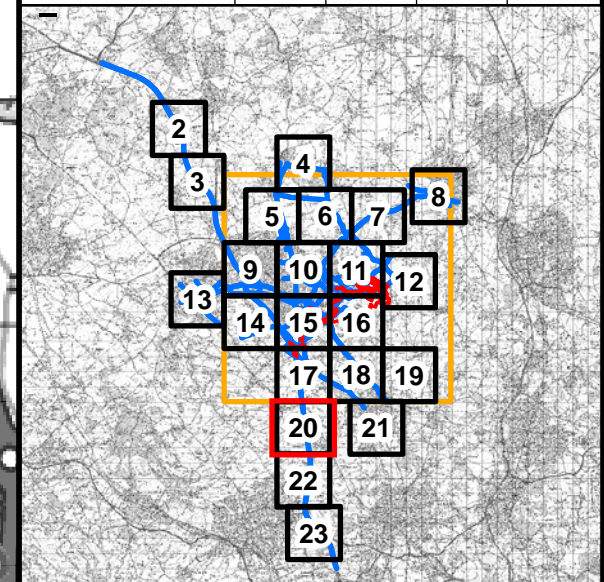
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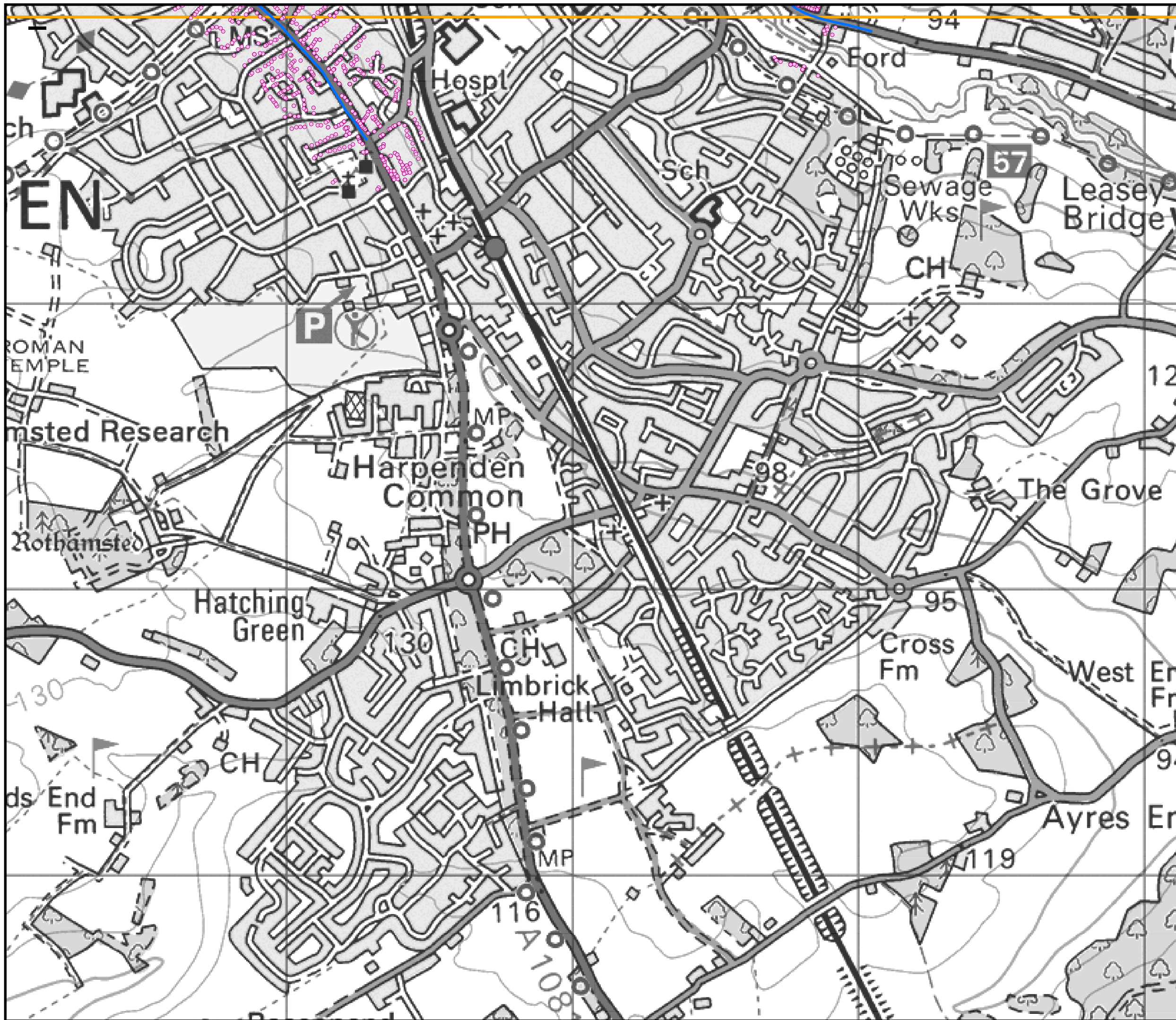
**London Luton Airport Expansion
 Development Consent Order**

Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 20 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500	Revision P02
Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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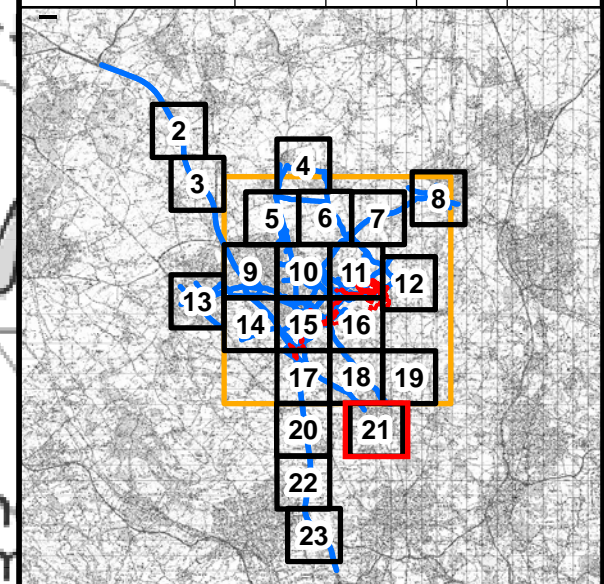
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 Development Consent Order**

Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 21 of 23

Purpose of issue Additional submissions (updated in response to Rule 9 letter)				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:12,500	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0500	Revision P02
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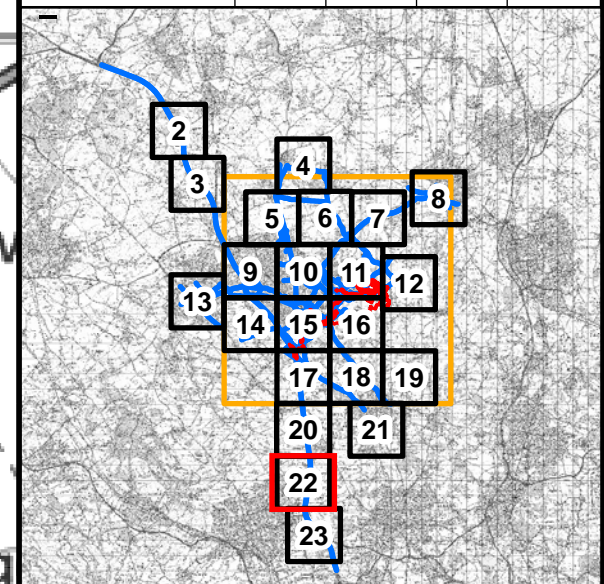
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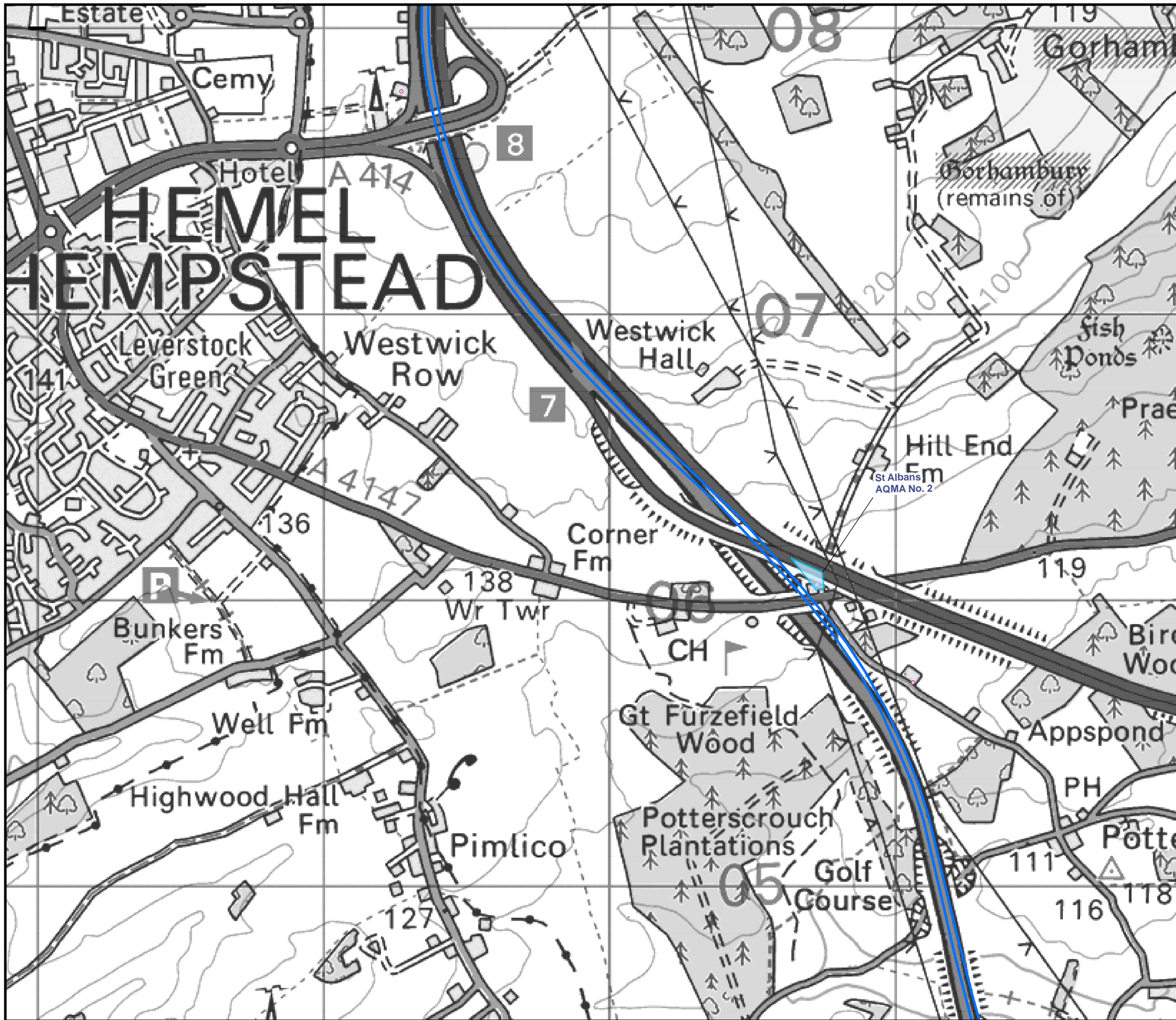
Drawing Title
**Figure 7.3d Modelled Receptors
 for Health Assessment**
 Page: 22 of 23

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0500	P02

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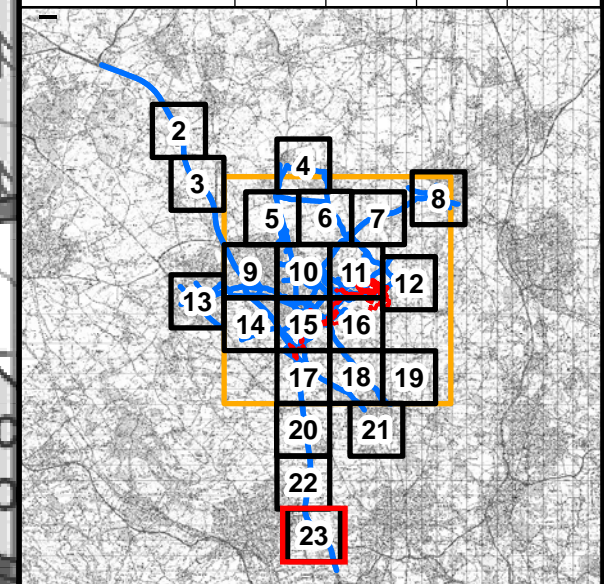
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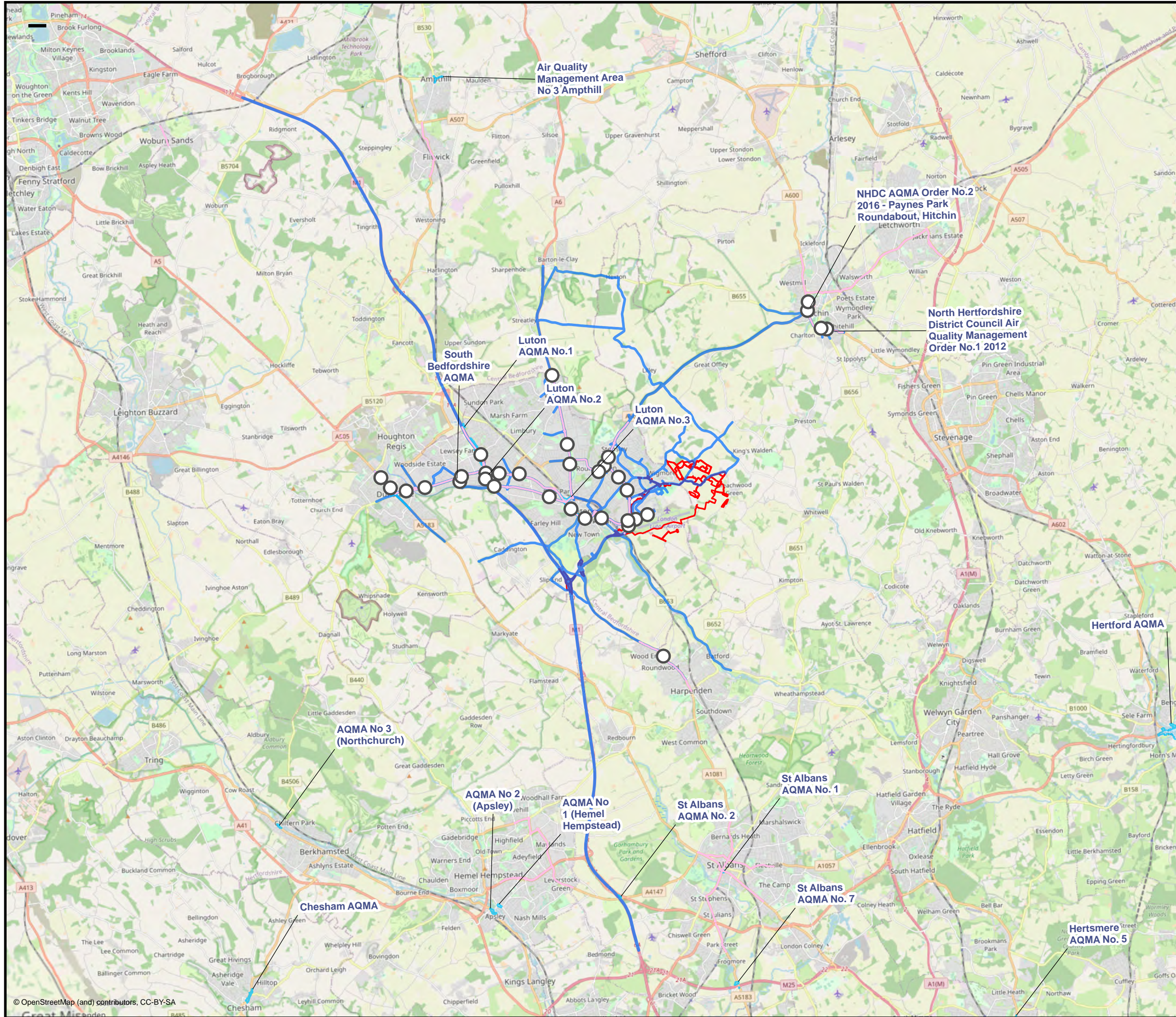
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Drawing Title
Figure 7.3d Modelled Receptors for Health Assessment
 Page: 23 of 23

Purpose of issue	Additional submissions (updated in response to Rule 9 letter)				Suitability
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:12,500	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

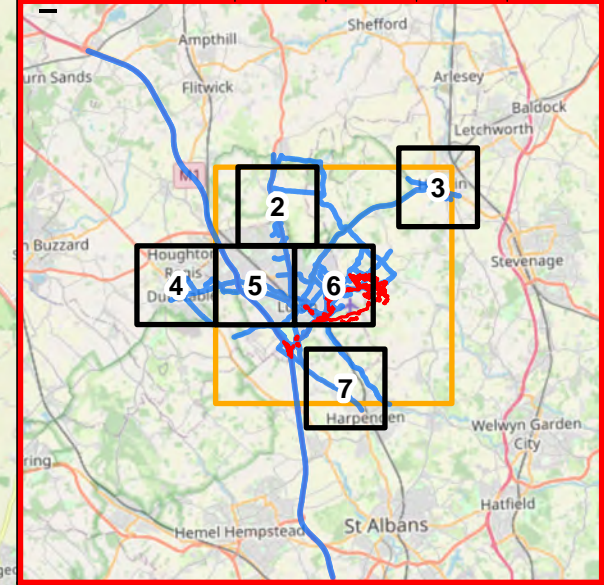
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Project - Phase - Originator - Asset/Zone - Sub-Asset - Type - Discp. - Number	



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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Compliance Receptors
 - Pollution Climate Mapping (PCM) links
 - Air Quality Management Areas (AQMA)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

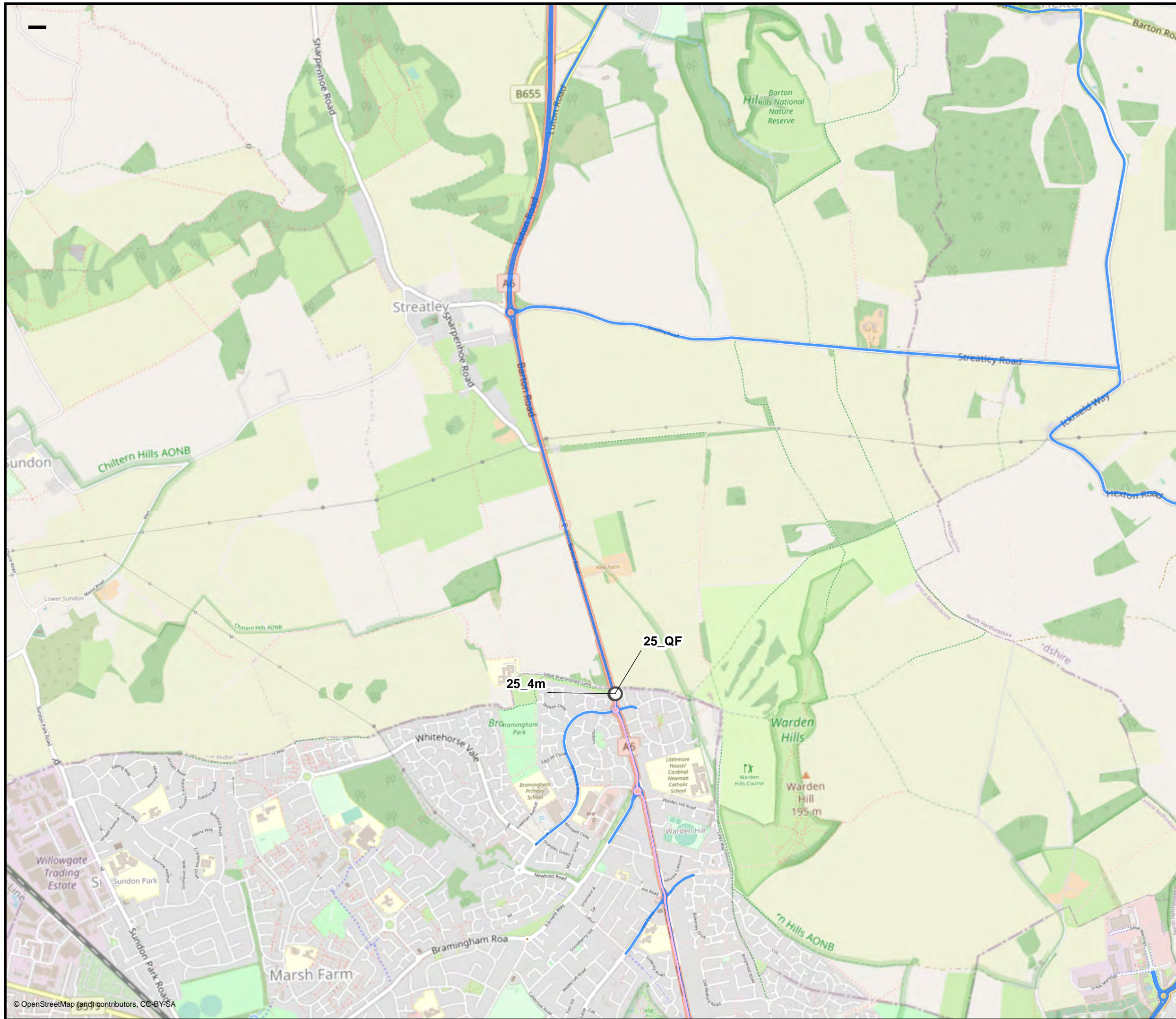


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Drawing Title
**Figure 7.3e Compliance Receptors and
 Pollution Climate Mapping (PCM) links**
 Page: 1 of 7

Purpose of issue Additional submissions (updated in response to Rule 9 letter)			Suitability S2		
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:140,000	Size A3
DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03			
Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0508					Revision P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp. - Number					

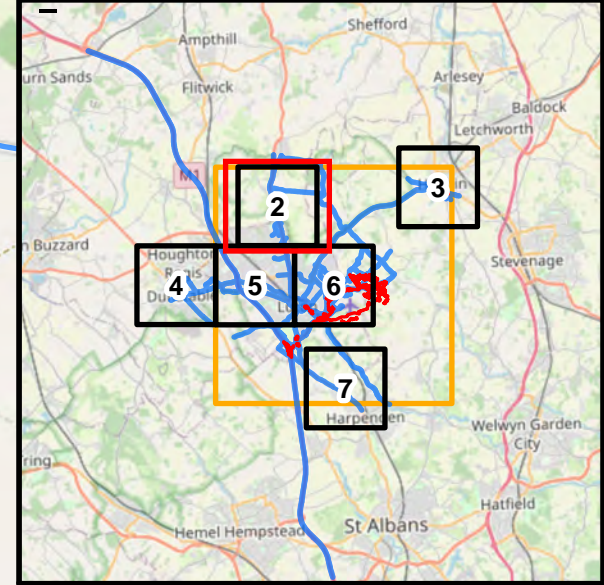


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Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Compliance Receptors
- Pollution Climate Mapping (PCM) links
- Air Quality Management Areas (AQMAs)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
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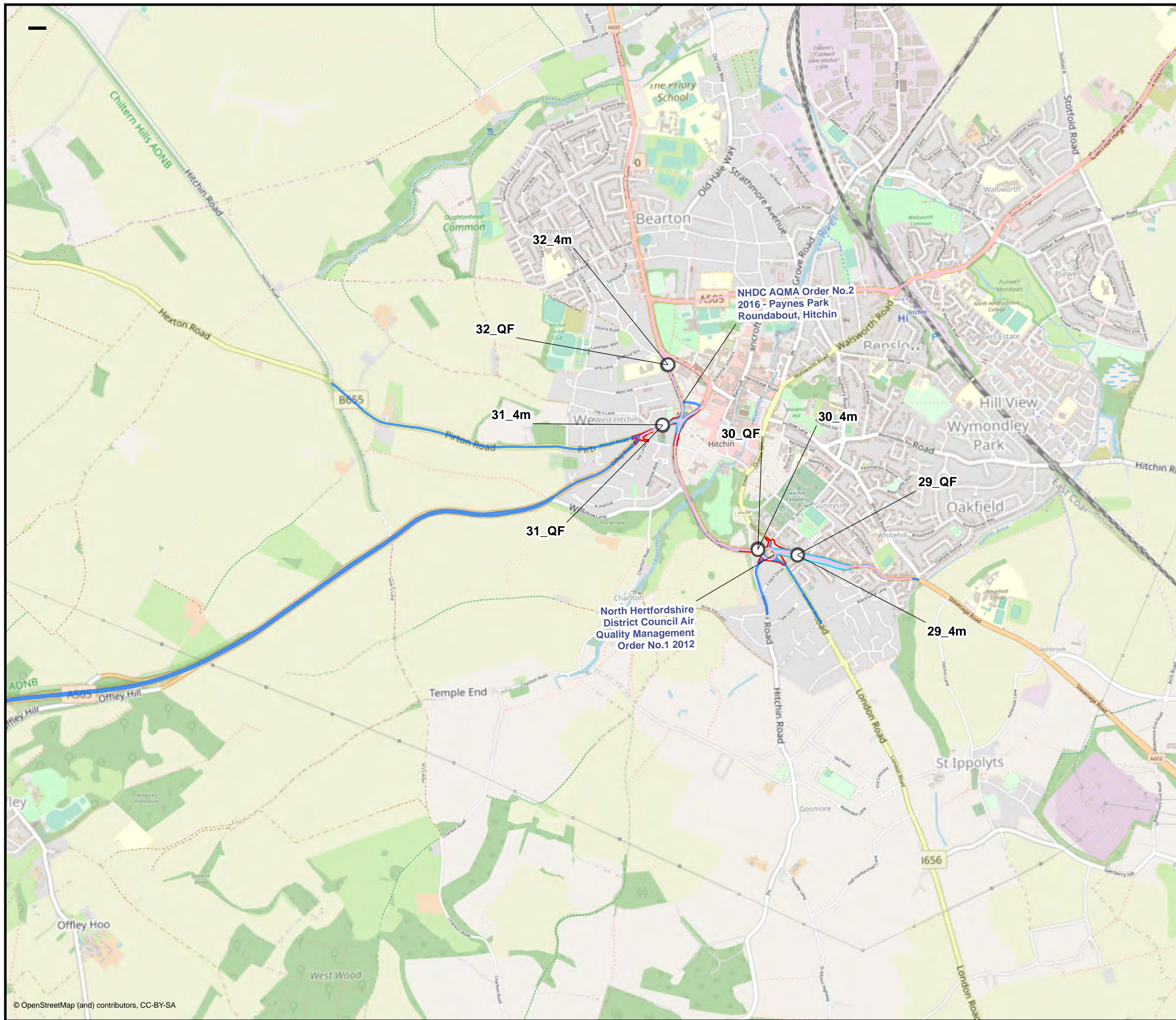
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 Development Consent Order**

Drawing Title
**Figure 7.3e Compliance Receptors and
 Pollution Climate Mapping (PCM) links**
 Page: 2 of 7

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:20,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0508	P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp. - Number	



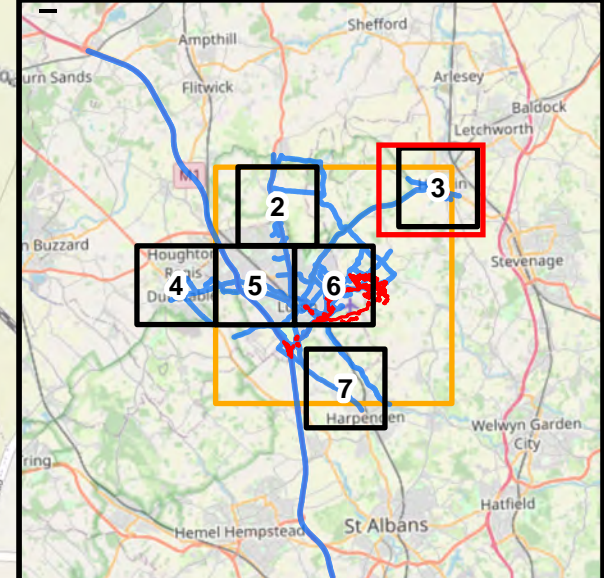
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Legend

- Order Limits
- Grid Area
- Affected Road Network (ARN)
- Modelled Compliance Receptors
- Pollution Climate Mapping (PCM) links
- Air Quality Management Areas (AQMAs)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
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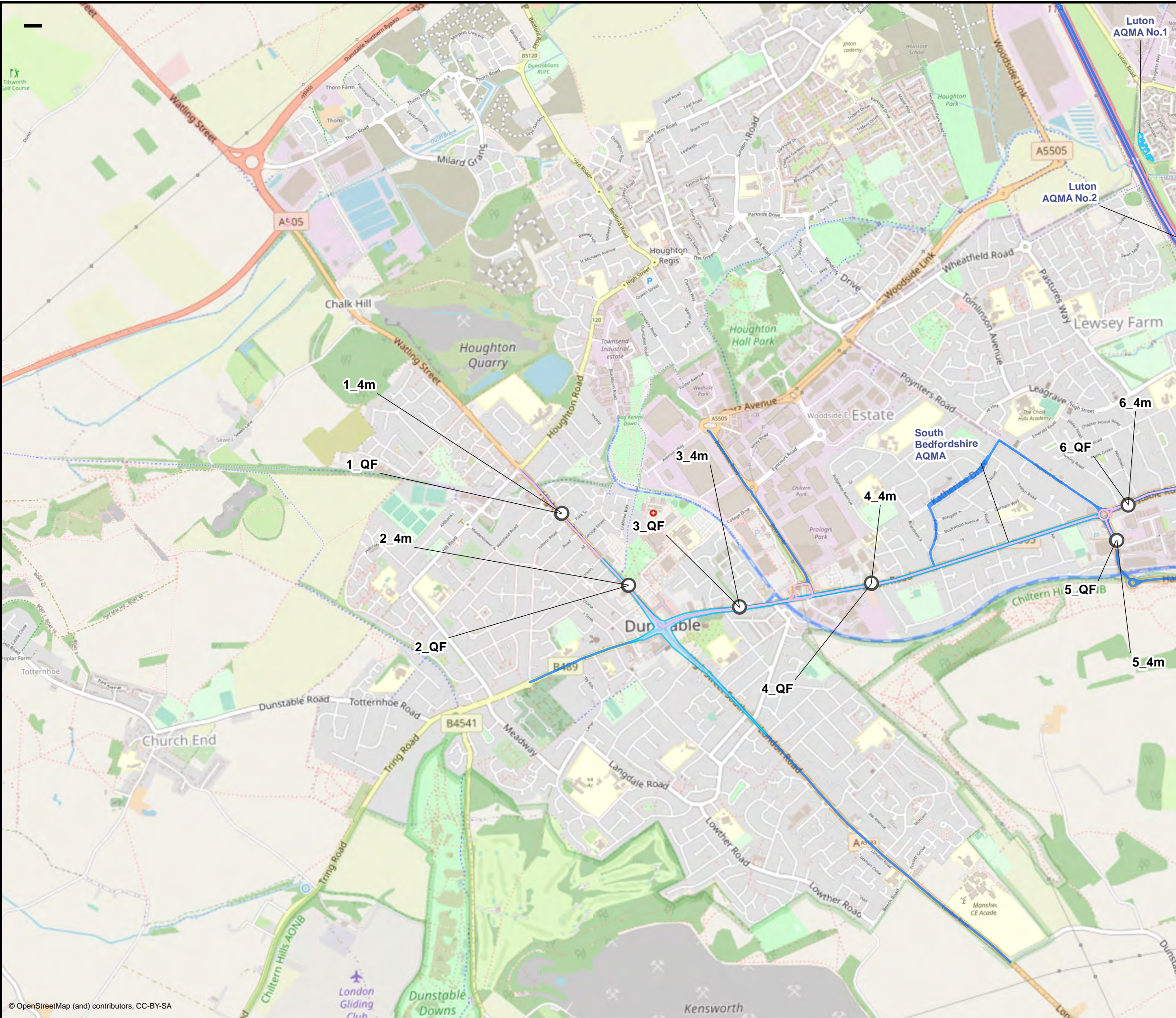
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Drawing Title
Figure 7.3e Compliance Receptors and Pollution Climate Mapping (PCM) links
 Page: 3 of 7

Purpose of issue			Suitability		
Additional submissions (updated in response to Rule 9 letter)			S2		
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:20,000	A3

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TR020001	APFP 5(2)(a)	TR020001/APP/5.03

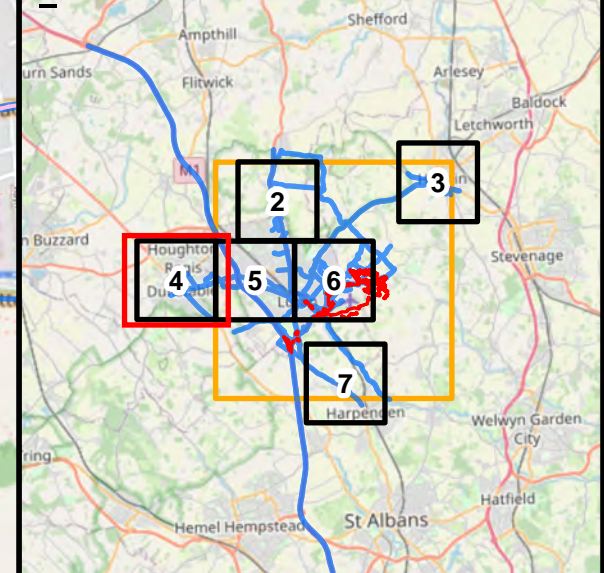
Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0508	P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp - Number	



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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Compliance Receptors
 - Pollution Climate Mapping (PCM) links
 - Air Quality Management Areas (AQMA)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
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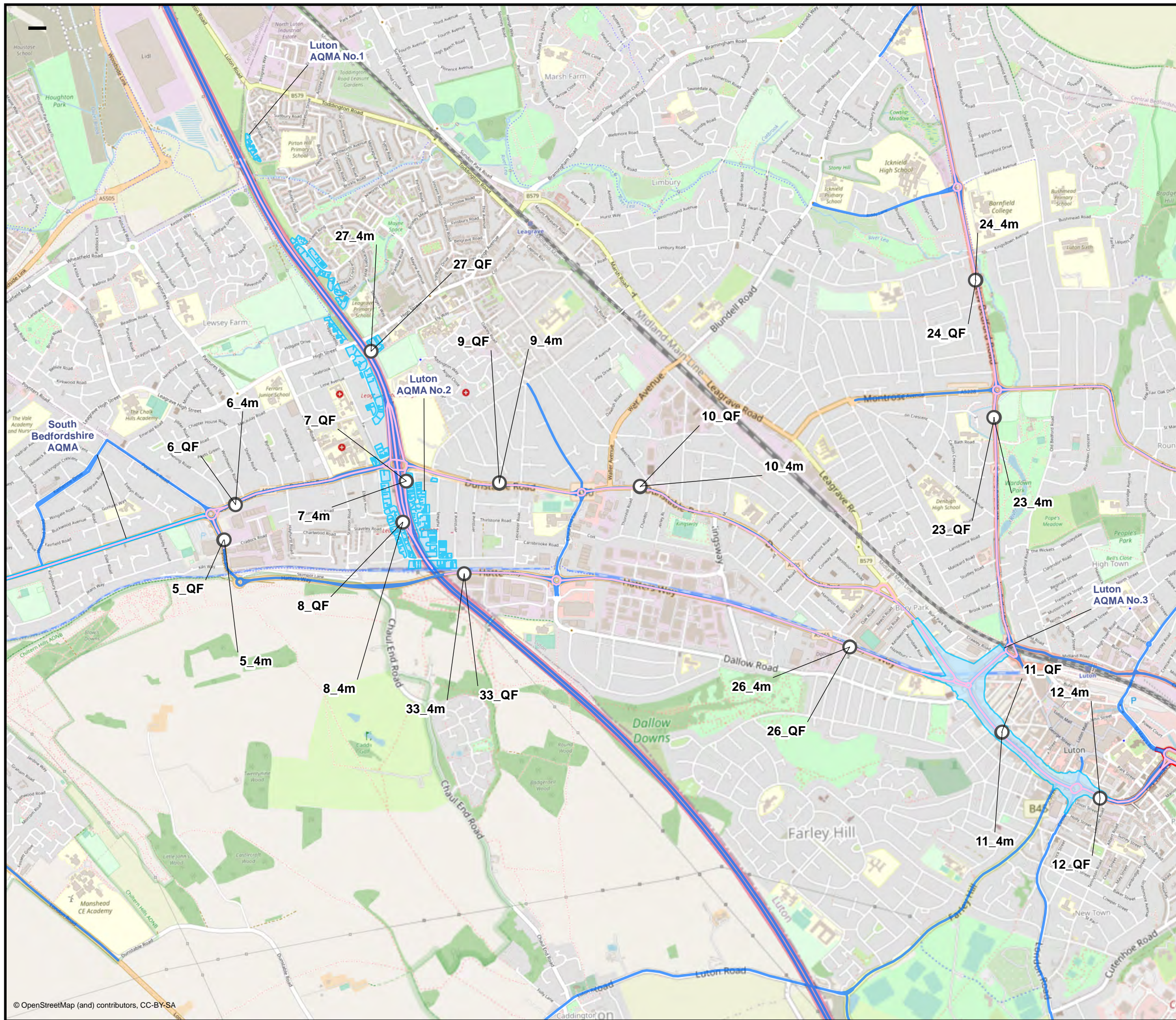
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 Development Consent Order**

Drawing Title
**Figure 7.3e Compliance Receptors and
 Pollution Climate Mapping (PCM) links**
 Page: 4 of 7

Purpose of issue			Suitability		
Additional submissions (updated in response to Rule 9 letter)			S2		
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:20,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0508	P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp. - Number	

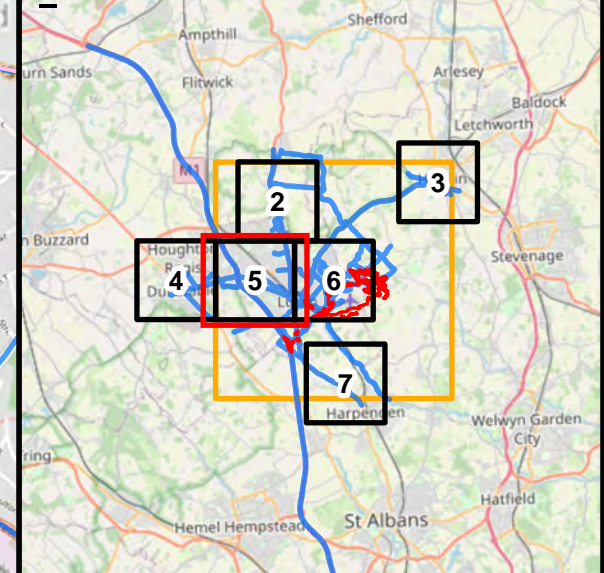


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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Compliance Receptors
 - Pollution Climate Mapping (PCM) links
 - Air Quality Management Areas (AQMAs)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
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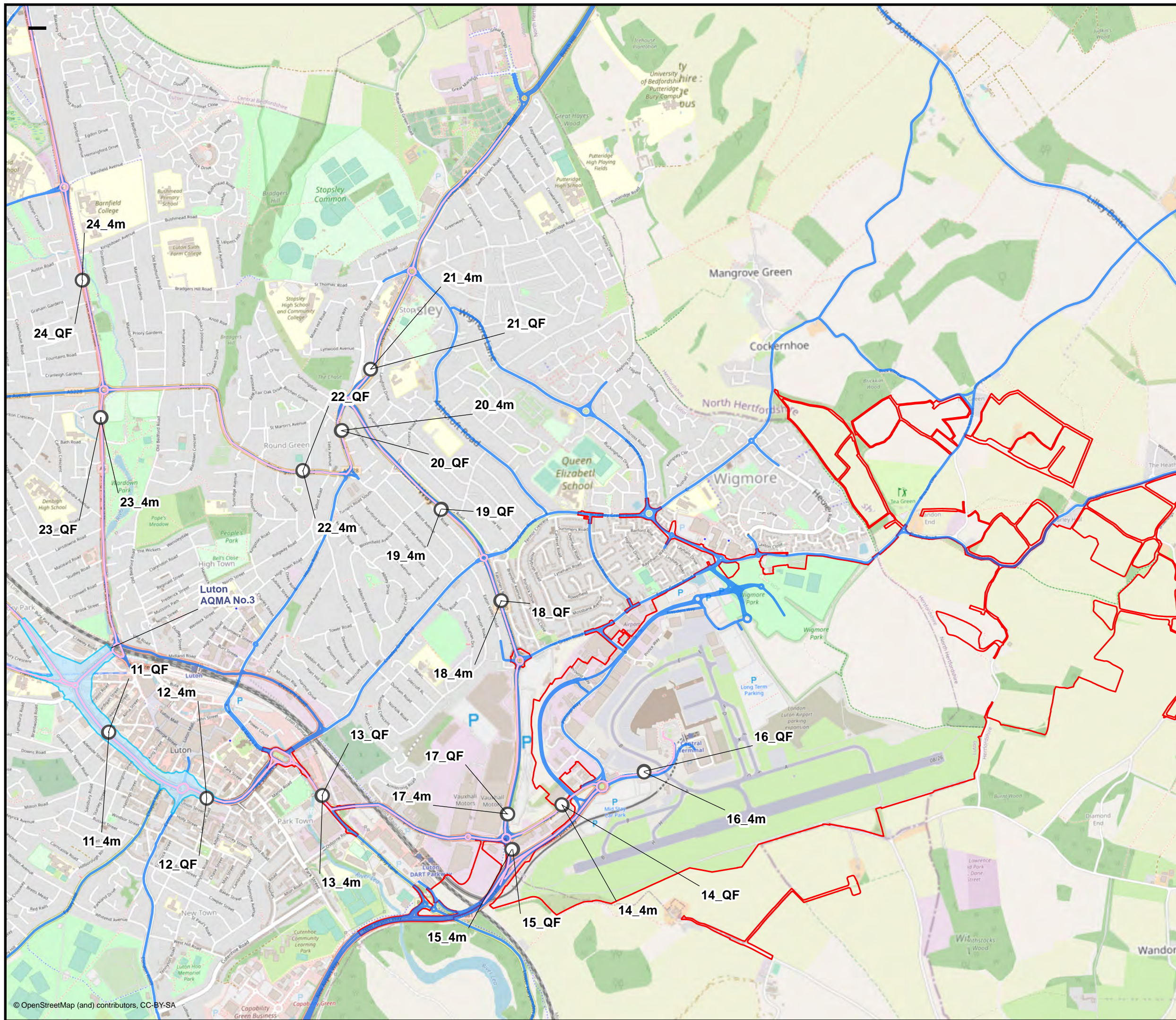
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 Development Consent Order**

Drawing Title
**Figure 7.3e Compliance Receptors and
 Pollution Climate Mapping (PCM) links**
 Page: 5 of 7

Purpose of issue Additional submissions (updated in response to Rule 9 letter)			Suitability S2		
Drawn AB	Checked SB	Approved CS	Date 31/05/23	Scale 1:20,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0508	Revision P02
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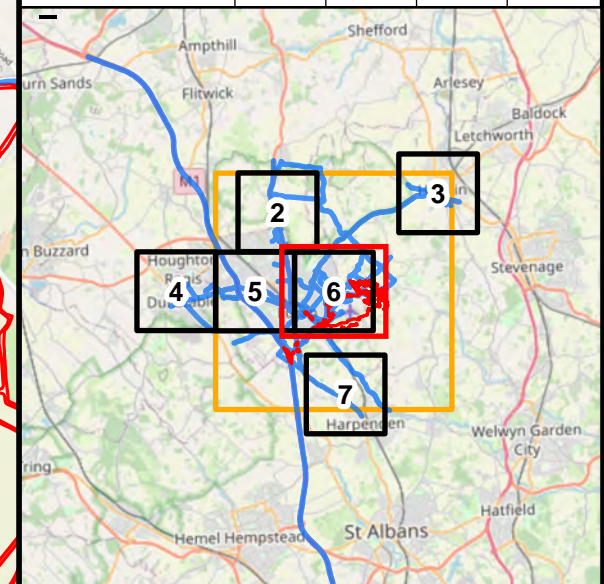


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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Compliance Receptors
 - Pollution Climate Mapping (PCM) links
 - Air Quality Management Areas (AQMAs)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
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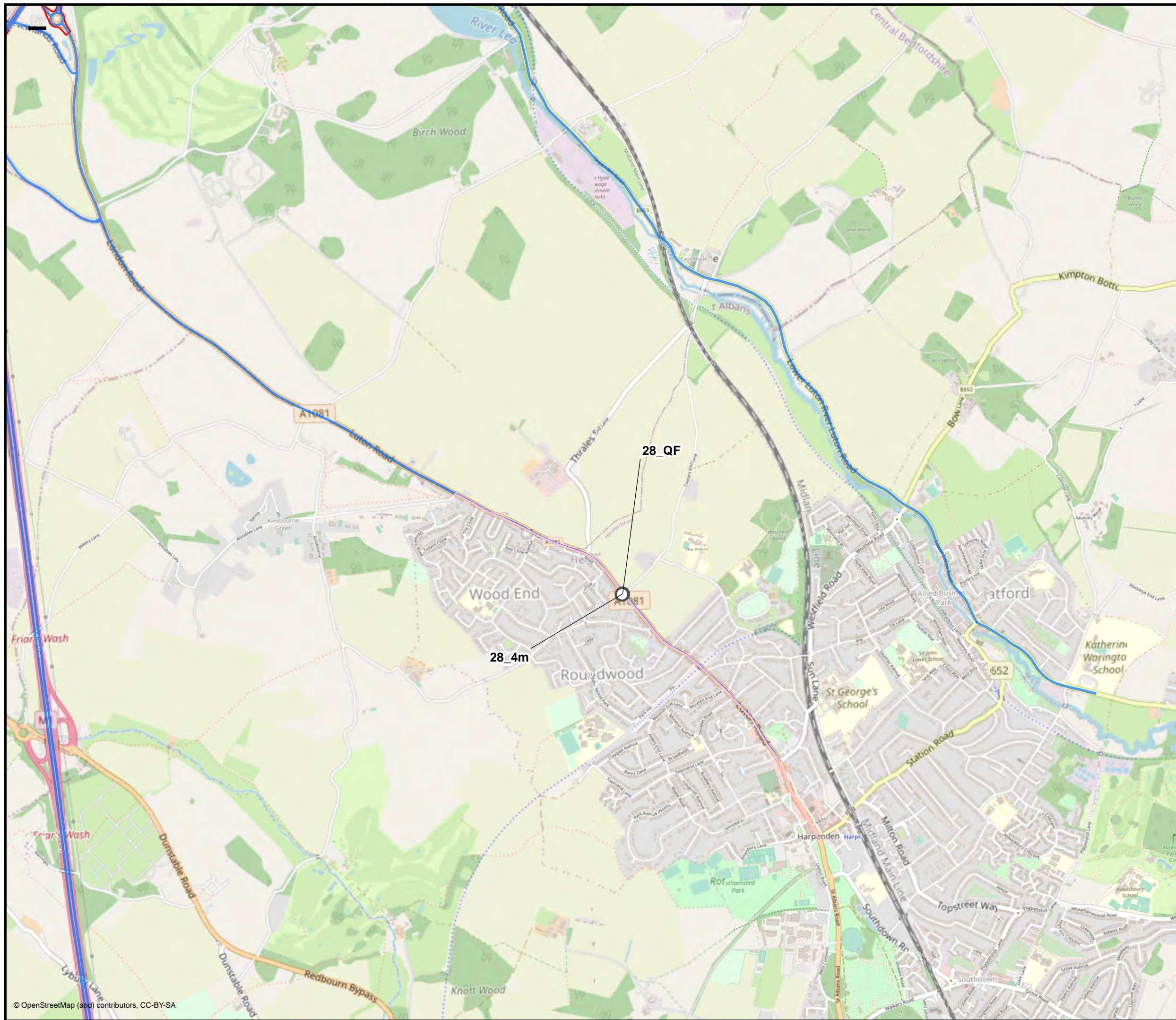
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Drawing Title
Figure 7.3e Compliance Receptors and Pollution Climate Mapping (PCM) links
 Page: 6 of 7

Purpose of issue			Suitability		
Additional submissions (updated in response to Rule 9 letter)			S2		
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:20,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0508	P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type - Discp - Number	

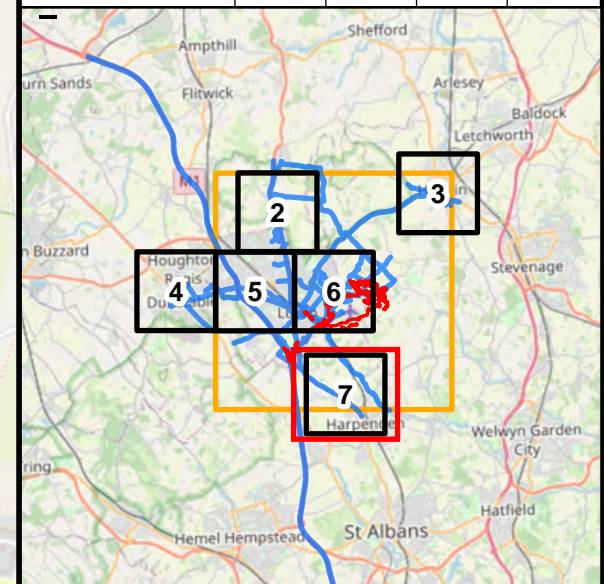


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- Legend**
- Order Limits
 - Grid Area
 - Affected Road Network (ARN)
 - Modelled Compliance Receptors
 - Pollution Climate Mapping (PCM) links
 - Air Quality Management Areas (AQMAs)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
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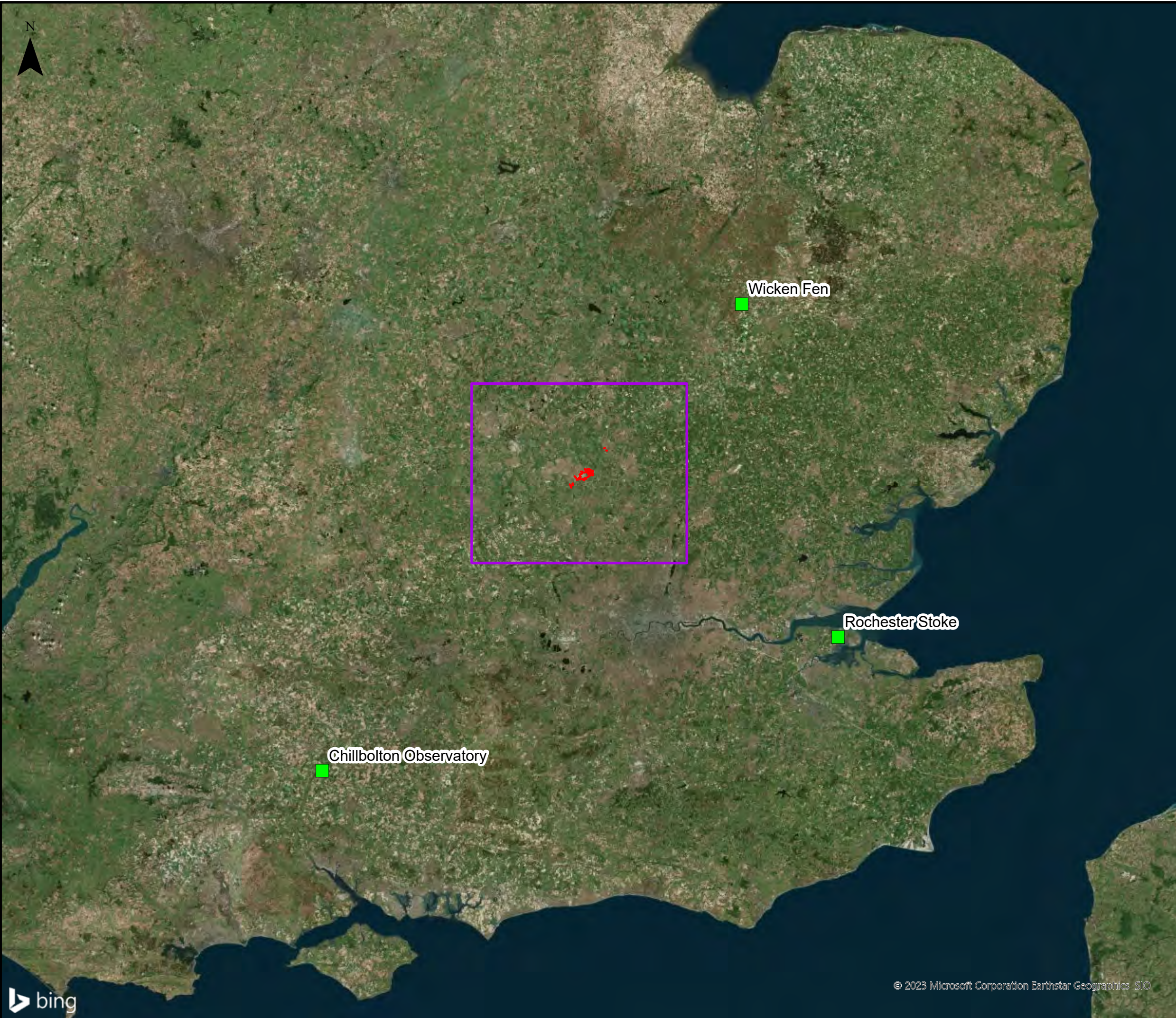
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Drawing Title
**Figure 7.3e Compliance Receptors and
 Pollution Climate Mapping (PCM) links**
 Page: 7 of 7

Purpose of issue			Suitability		
Additional submissions (updated in response to Rule 9 letter)			S2		
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:20,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

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LLADCO-3C-ARP-00-00-DR-YE-0508	P02
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Legend

- Order Limits
- Area of National Atmospheric Emissions Inventory (NAEI) gridded emissions
- Automatic Urban and Rural Network (AURN) site

Wicken Fen

Rochester Stoke

Chillbolton Observatory

First Issue	AB	SB	CS	01/02/23	P01
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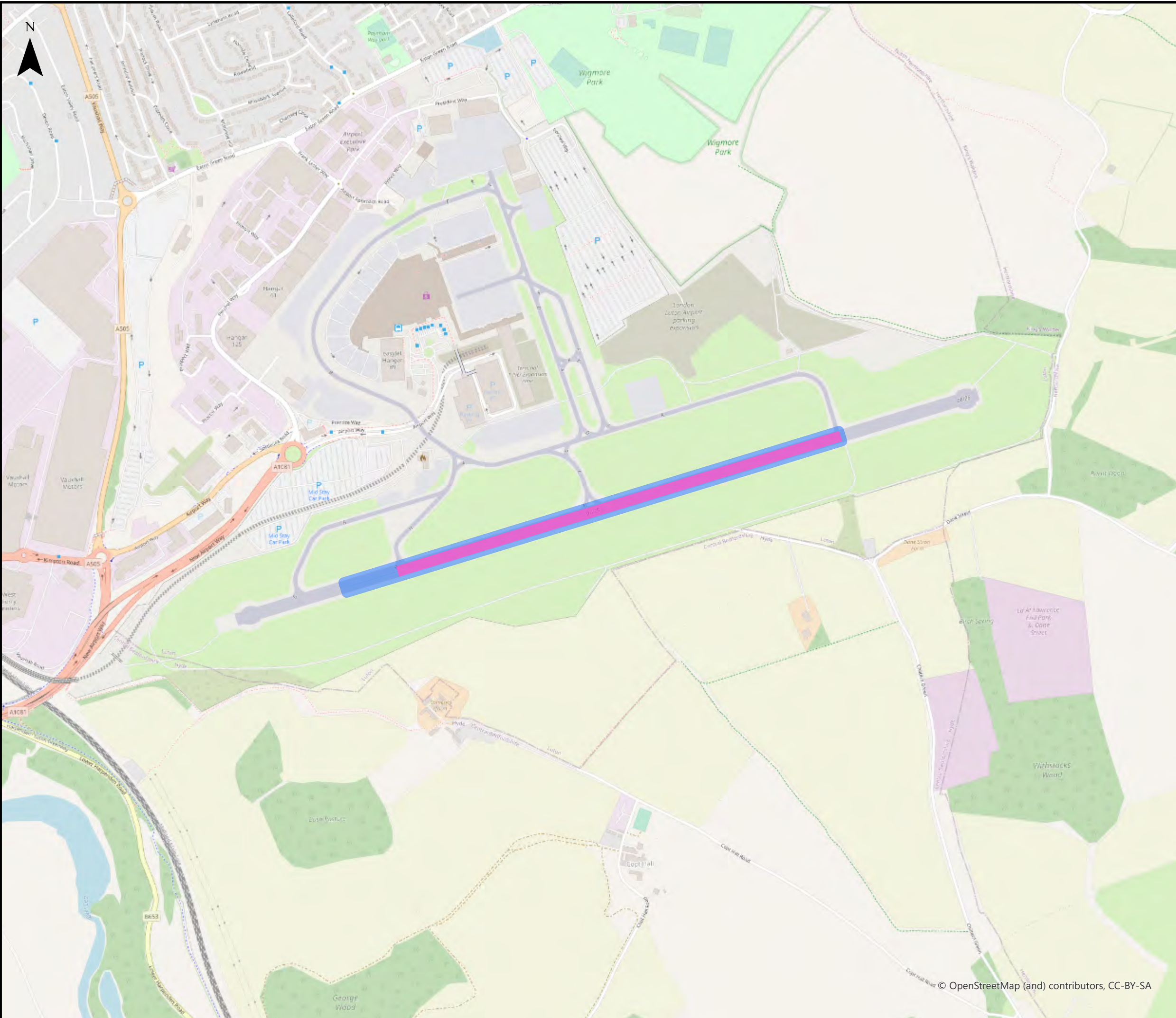
Drawing Title
Figure 7.4 Area of National Atmospheric Emissions Inventory (NAEI) gridded emissions and location of rural monitoring sites

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:1,000,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0076	Revision P01
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- Legend**
- Arrivals brake and tyre wear 07
 - Arrivals brake and tyre wear 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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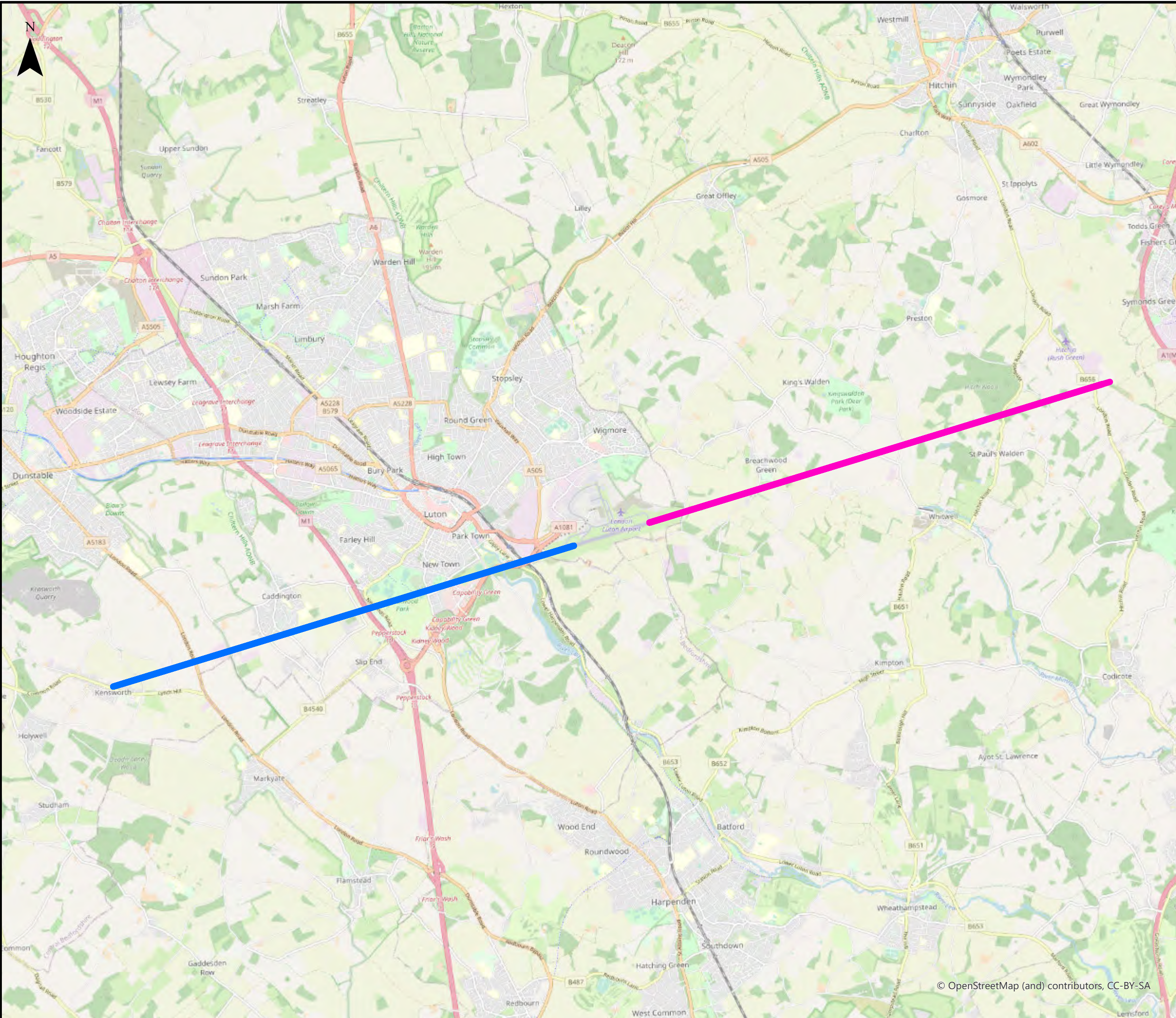
Drawing Title
Figure 7.5 Modelled Landing and Take Off (LTO) sources - brake & tyre wear

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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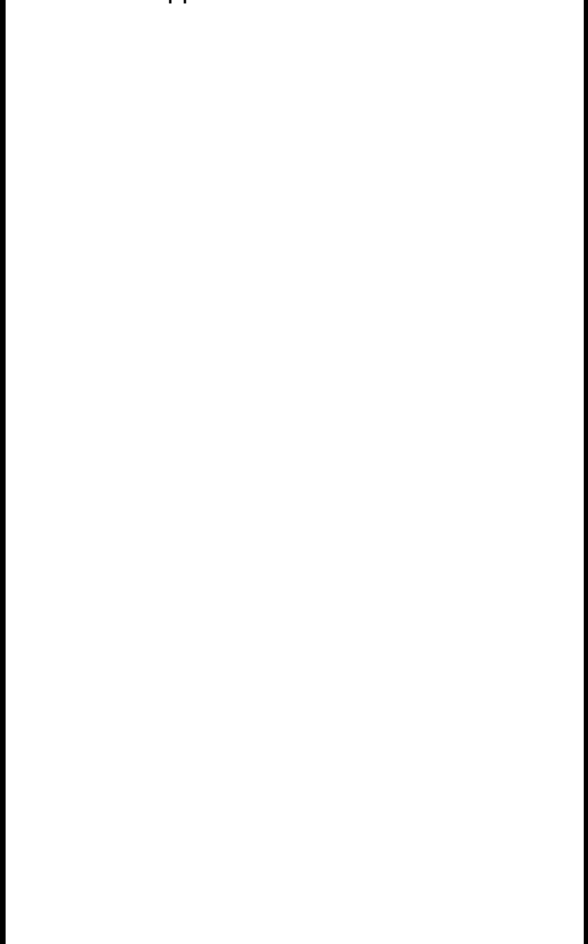
Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0077	Revision P01
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Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational bearing)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
Figure 7.6 Modelled Landing and Take-Off (LTO) sources - Final approach

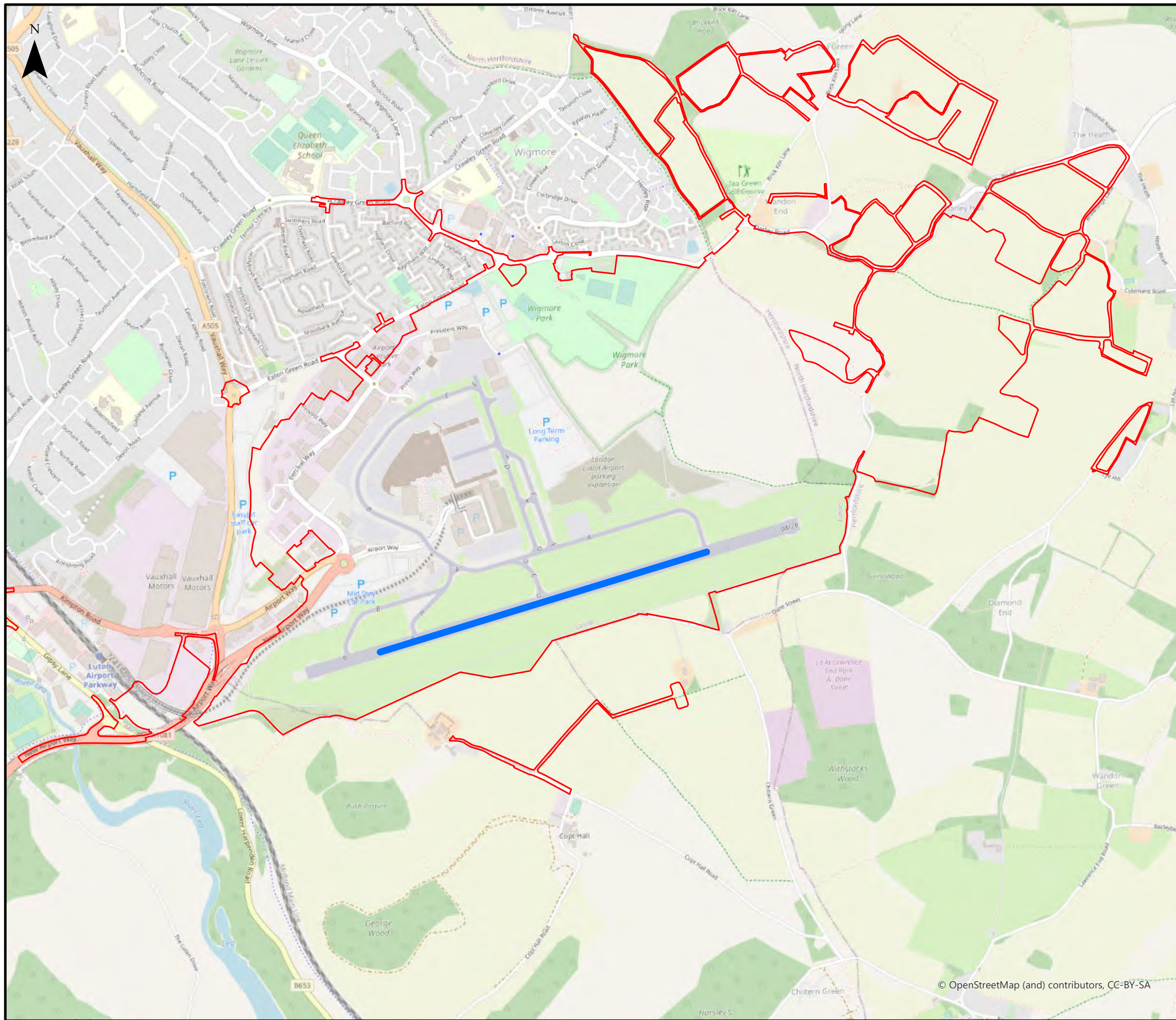
Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
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DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Legend

- Order Limits
- Landing 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/03/23	P01
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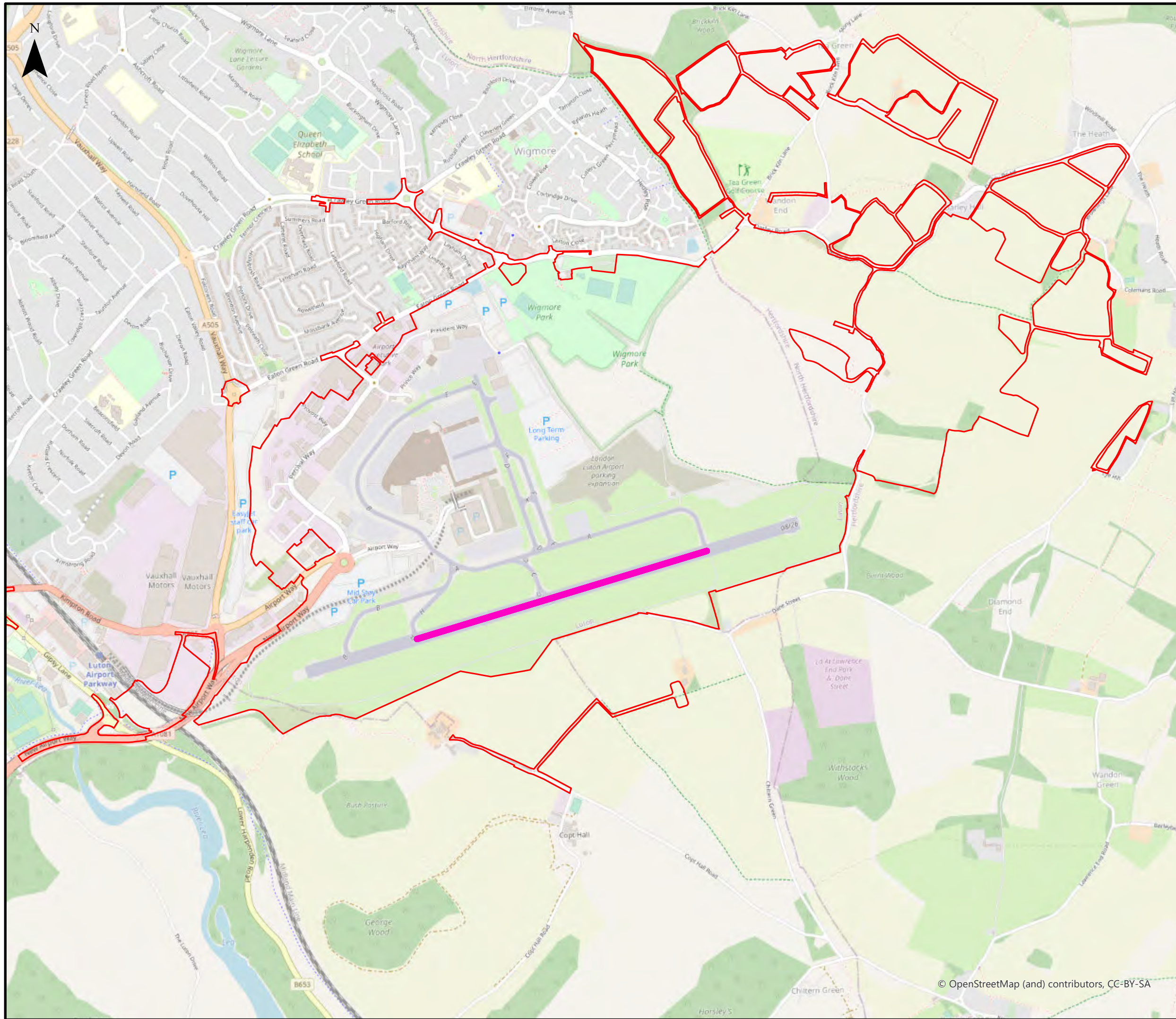
Drawing Title

Figure 7.7 Modelled Landing and Take-Off (LTO) sources - arrivals 07

Purpose of issue				Suitability		
SUITABLE FOR INFORMATION				S2		
Drawn	Checked	Approved	Date	Scale	Size	
AB	SB	CS	01/03/23	1:15,000	A3	

DCO Application Ref.	APFP Regulation	DCO Document Ref.
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Drawing Number	Revision
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Legend

- Order Limits
- Landing 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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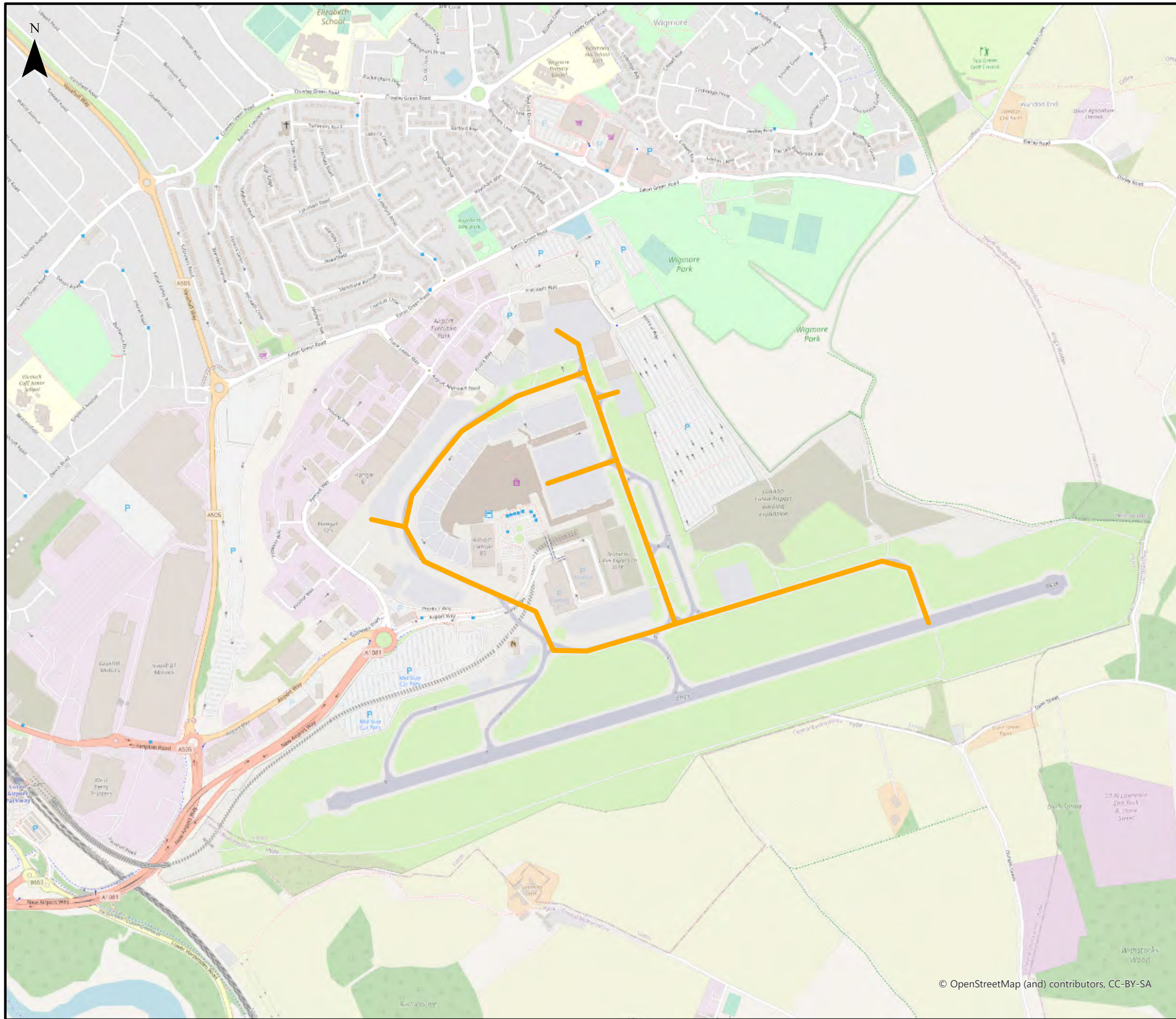
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Drawing Title
Figure 7.8 Modelled Landing and Take-Off (LTO) sources - arrivals 25

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:15,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Legend

— Taxi in 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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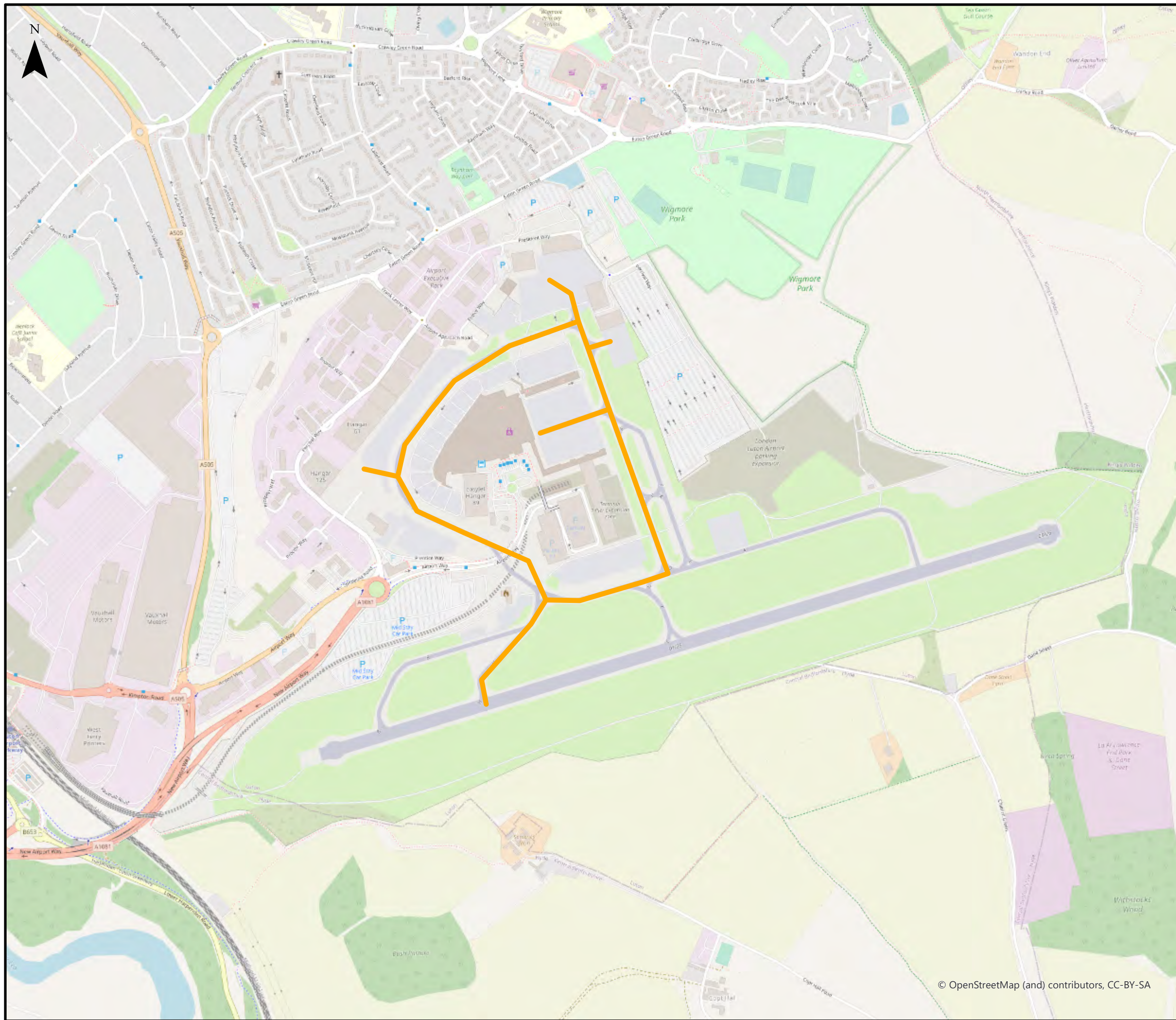
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Development Consent Order**

Drawing Title
Figure 7.9 Modelled Landing and Take-Off (LTO) sources - taxi in 07 in baseline and future Do-Minimum (DM) scenarios

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Legend

— Taxi in 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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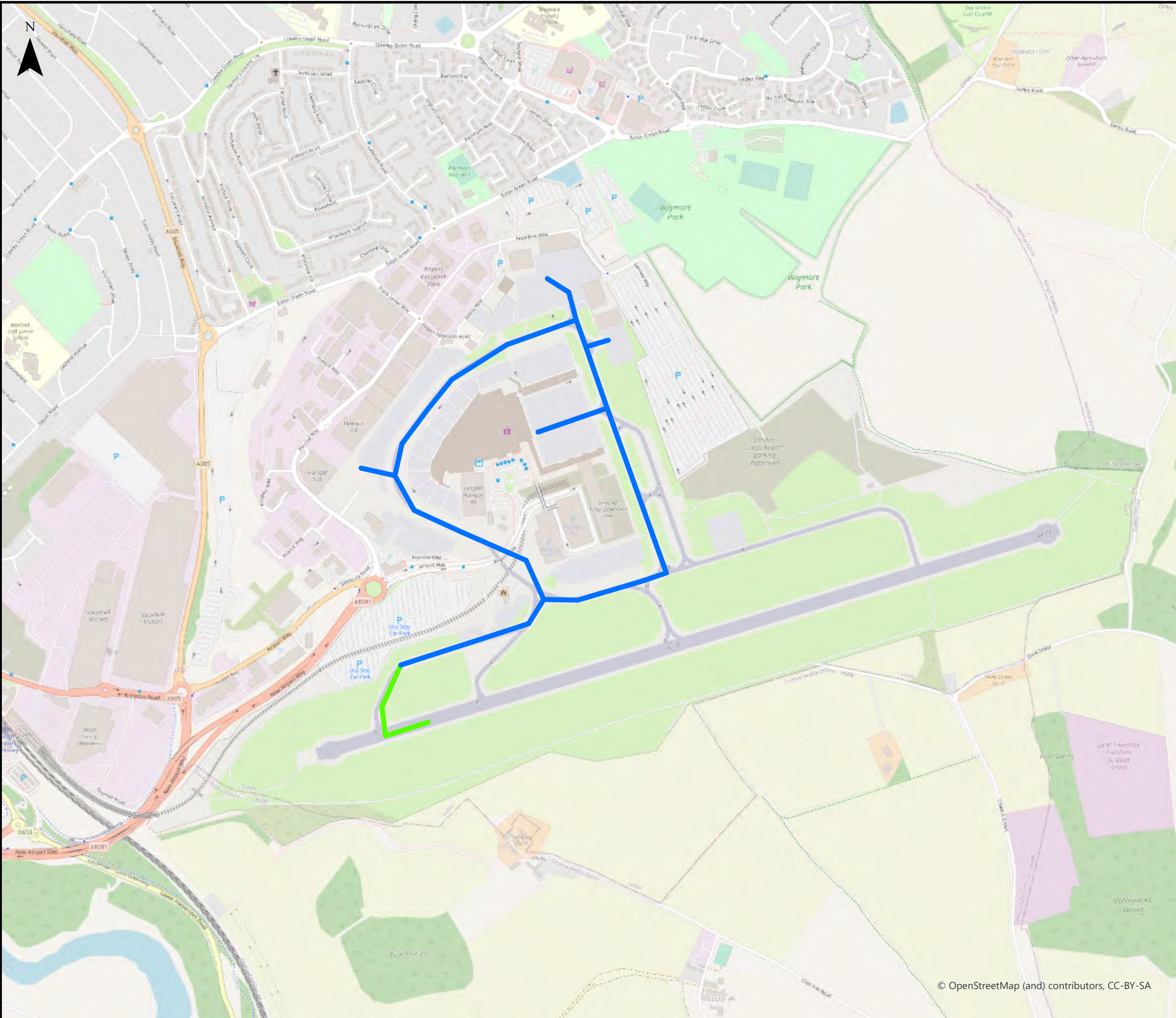
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Drawing Title
Figure 7.10 Modelled Landing and Take-Off (LTO) sources - taxi in 25 in baseline and future Do-Minimum (DM) scenarios

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Legend

- Hold 07
- Taxi out 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
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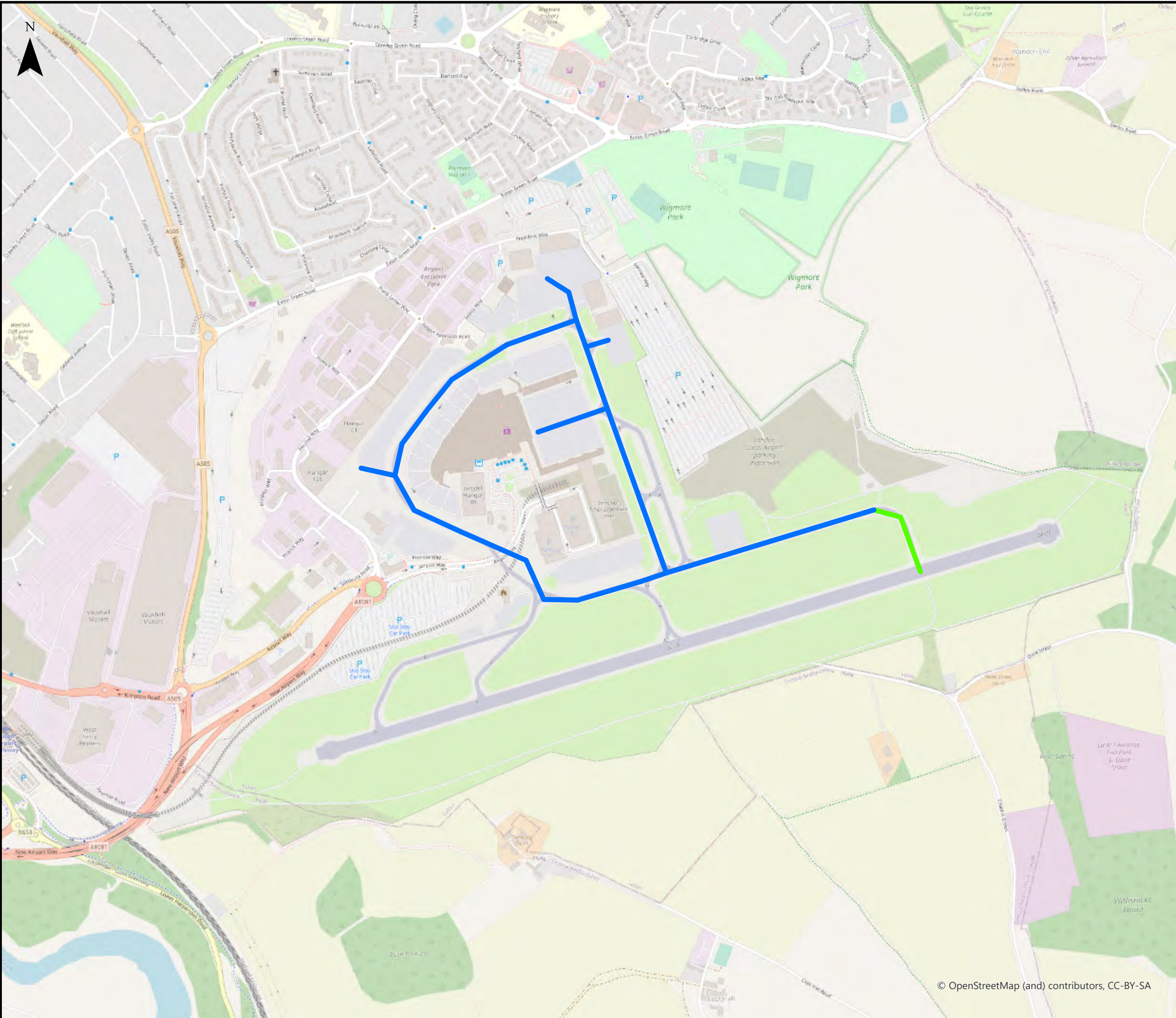
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Drawing Title
**Figure 7.11 Modelled Landing and Take-Off (LTO)
 sources - taxi out 07 baseline
 and future Do-Minimum (DM) scenarios**

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0083	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	



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Legend

- Hold 25
- Taxi out 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
**Figure 7.12 Modelled Landing and Take-Off (LTO)
 sources - taxi out 25 in baseline
 and future Do-Minimum (DM) scenarios**

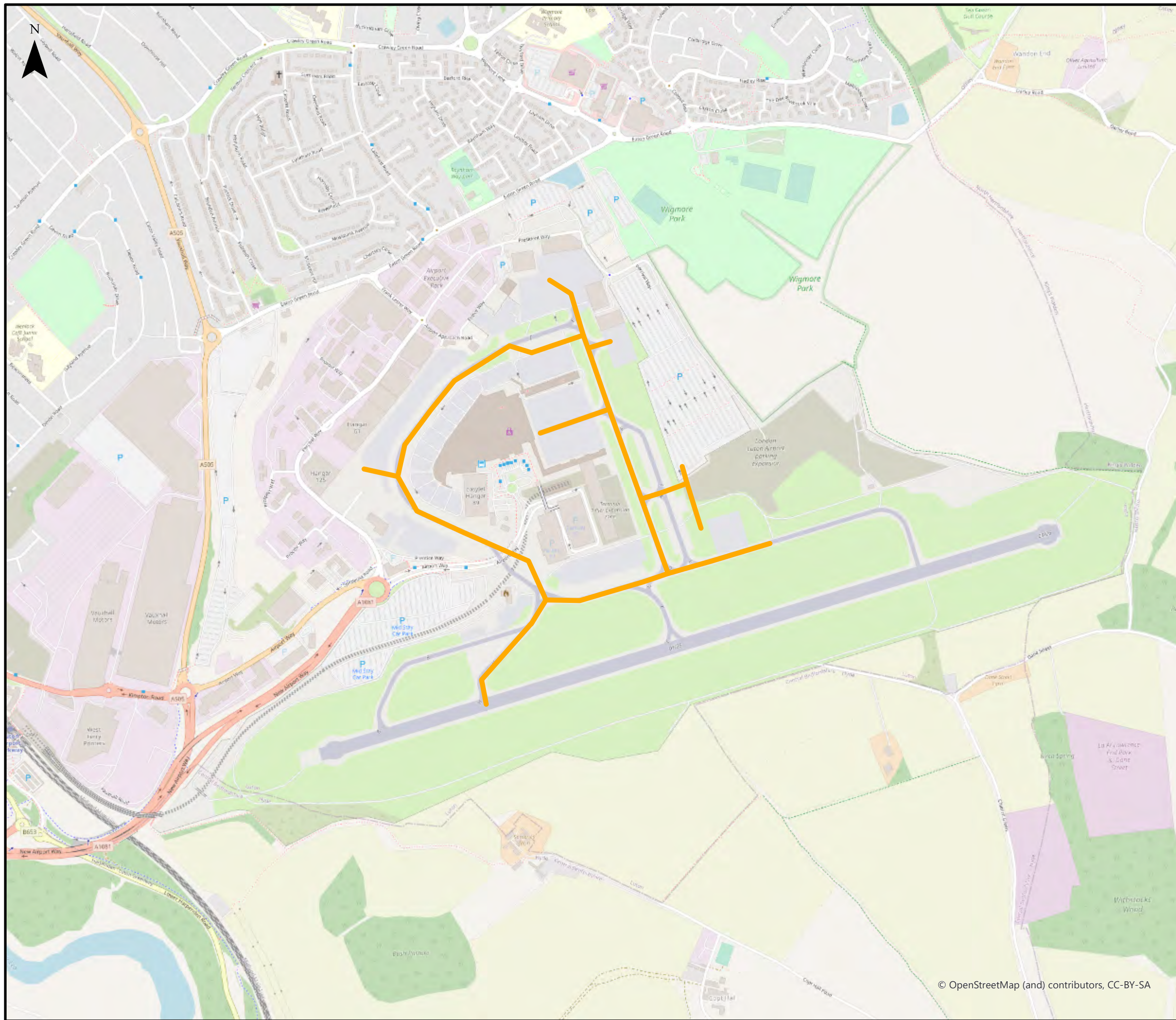
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Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0084	Revision P01
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Legend

Taxi in 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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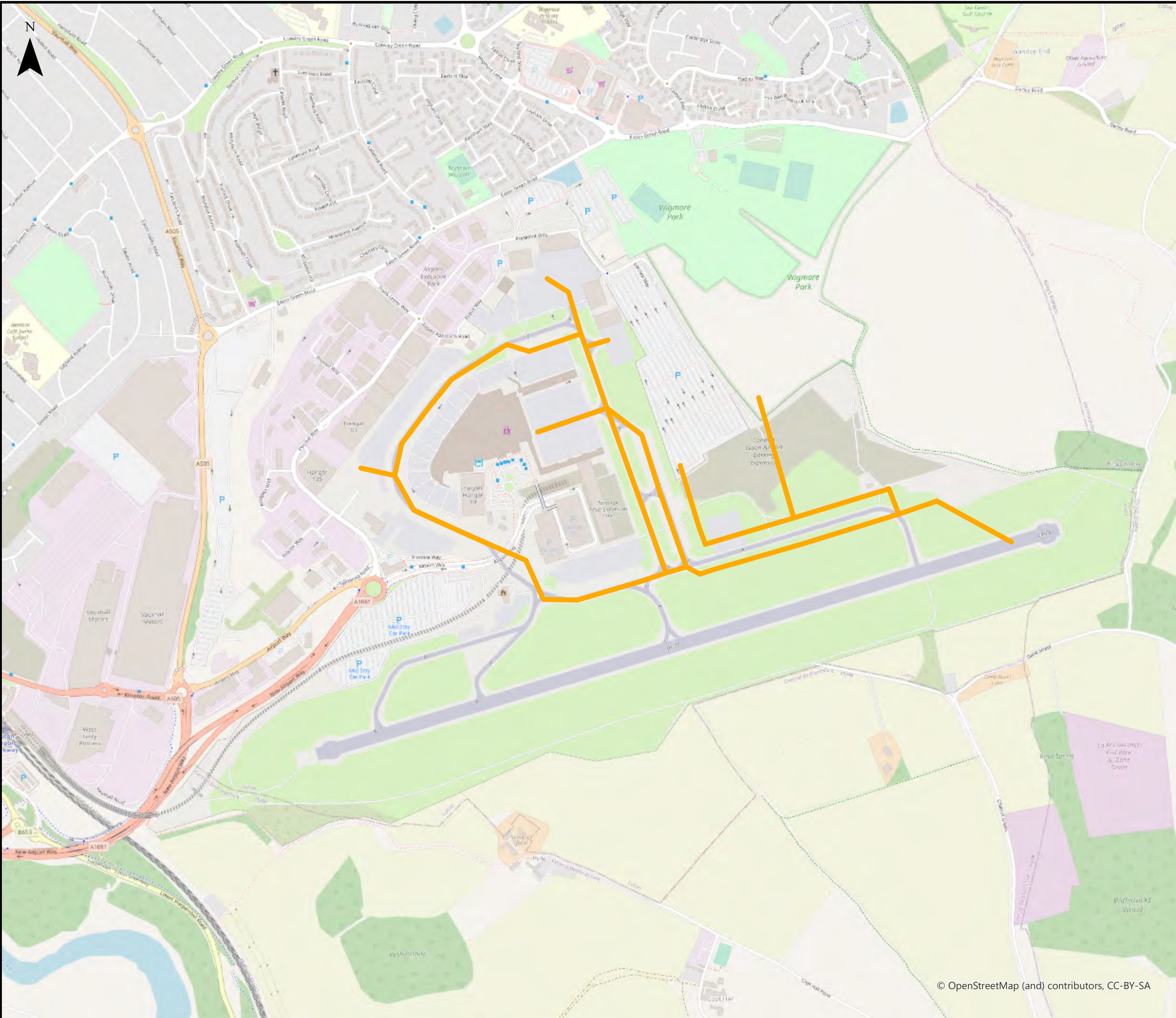
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Drawing Title
**Figure 7.13 Modelled Landing and Take-Off (LTO)
sources - taxi in 07 in 2027 Do-Something
(DS) scenario**

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0085	Revision P01
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Legend

— Taxi in 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
Figure 7.14 Modelled Landing and Take-Off (LTO) sources - taxi in 07 in 2039 Do-Something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0086	P01
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Legend

Taxi in 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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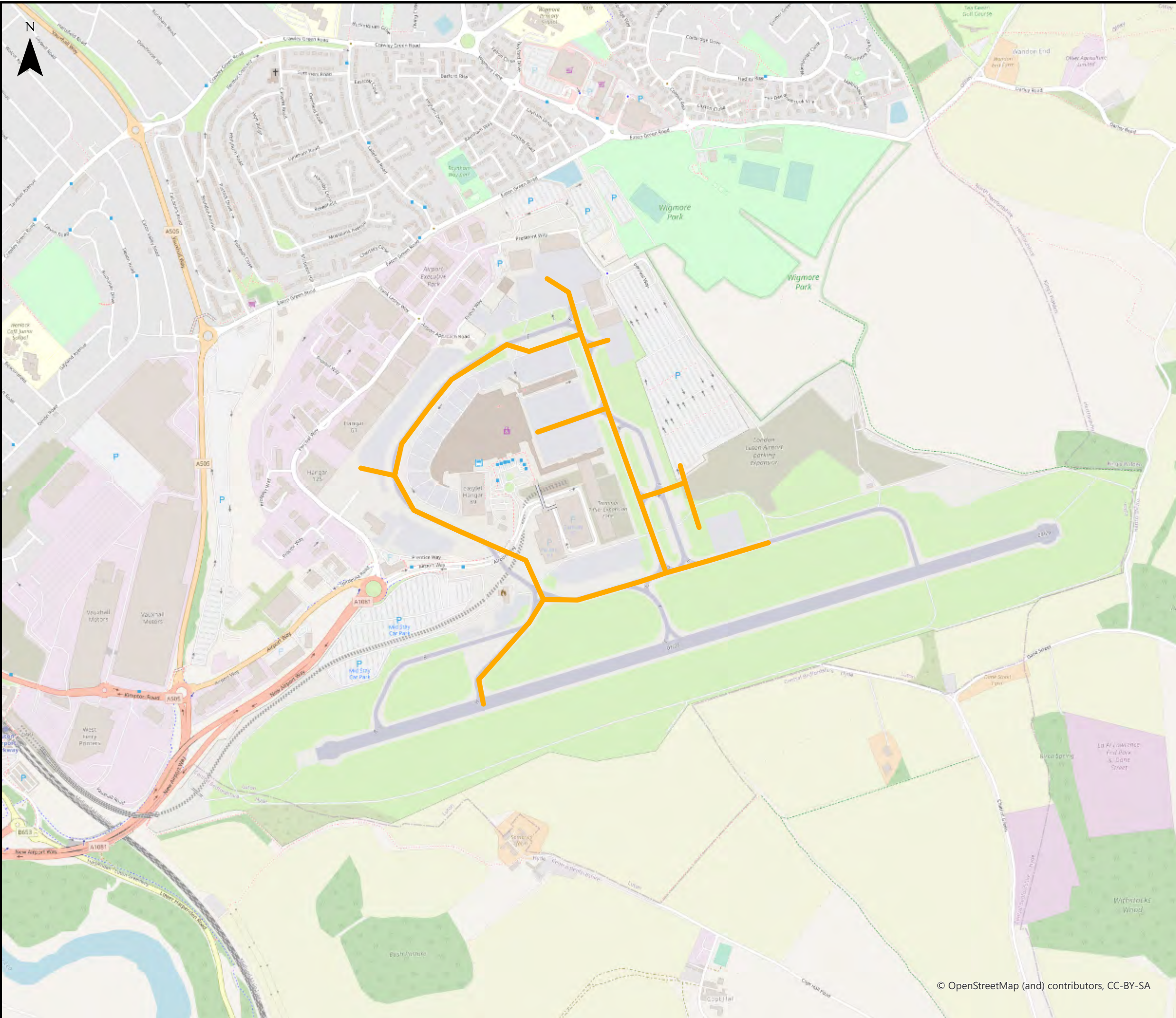
London Luton Airport Expansion Development Consent Order

Drawing Title
Figure 7.15 Modelled Landing and Take-Off (LTO) sources - taxi in 07 in 2043 Do-Something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0087	P01



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Legend

— Taxi in 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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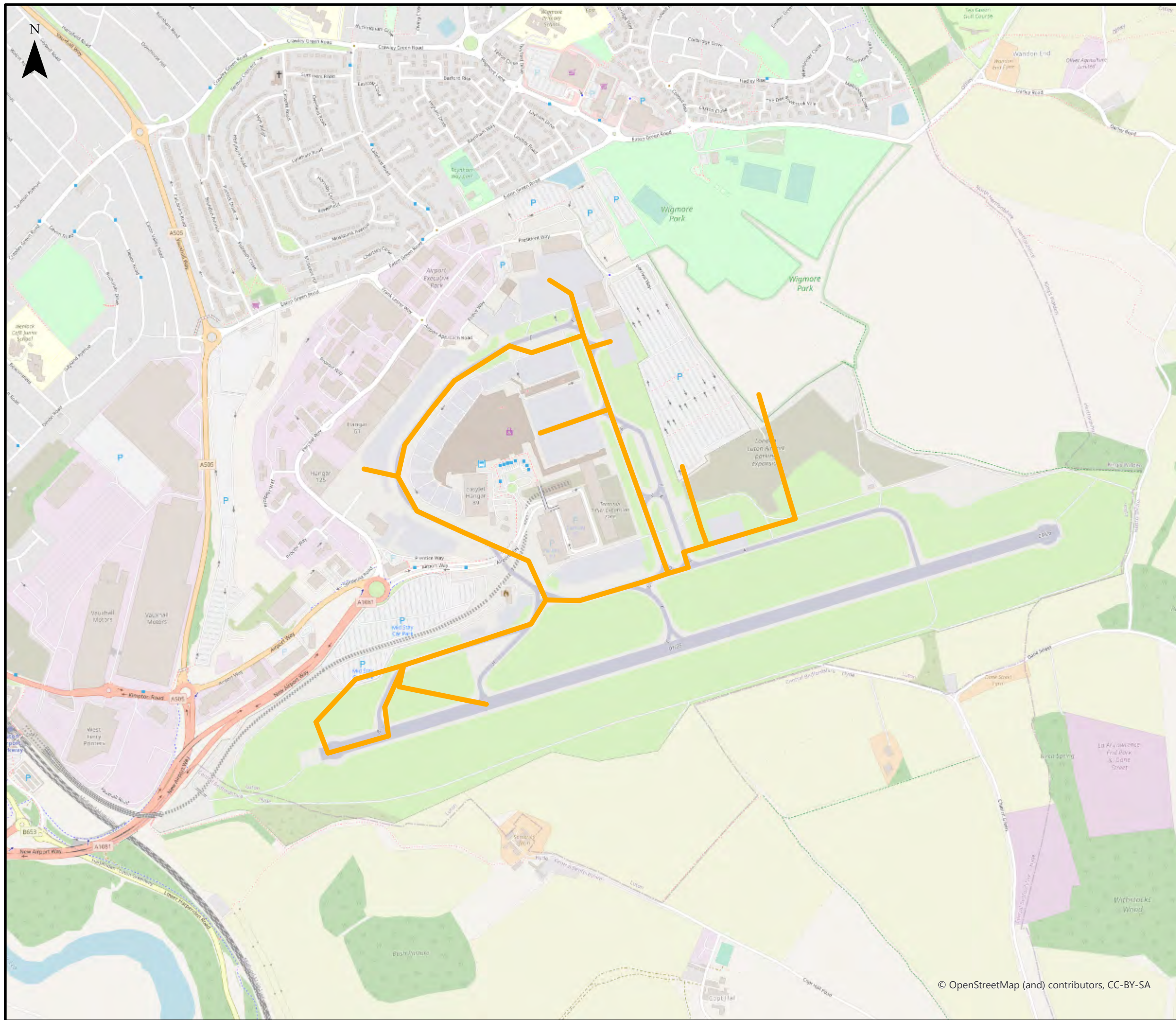
Drawing Title
**Figure 7.16 Modelled Landing and Take-Off (LTO)
 sources - taxi in 25 in 2027
 Do-Something (DS) scenario**

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0088	P01

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Legend

— Taxi in 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
Figure 7.17 Modelled Landing and Take-Off (LTO) sources - taxi in 25 in 2039 Do-Something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0089	P01



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Legend

— Taxi in 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
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Drawing Title
**Figure 7.18 Modelled Landing and Take-Off (LTO)
 sources - taxi in 25 in 2043
 Do-Something (DS) scenario**

Purpose of issue SUITABLE FOR INFORMATION				Suitability S2	
Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Drawing Number LLADCO-3C-ARP-00-00-DR-YE-0090	Revision P01
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Legend

- Taxi out 07
- Hold 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
Figure 7.19 Modelled landing and take-off (LTO) sources - taxi out and hold 07 in 2027 do-something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0091	P01

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Legend

- Hold 07
- Taxi out 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
Figure 7.20 Modelled landing and take-off (LTO) sources - taxi out and hold 07 in 2039 do-something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0092	P01
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Legend

- Hold 07
- Taxi out 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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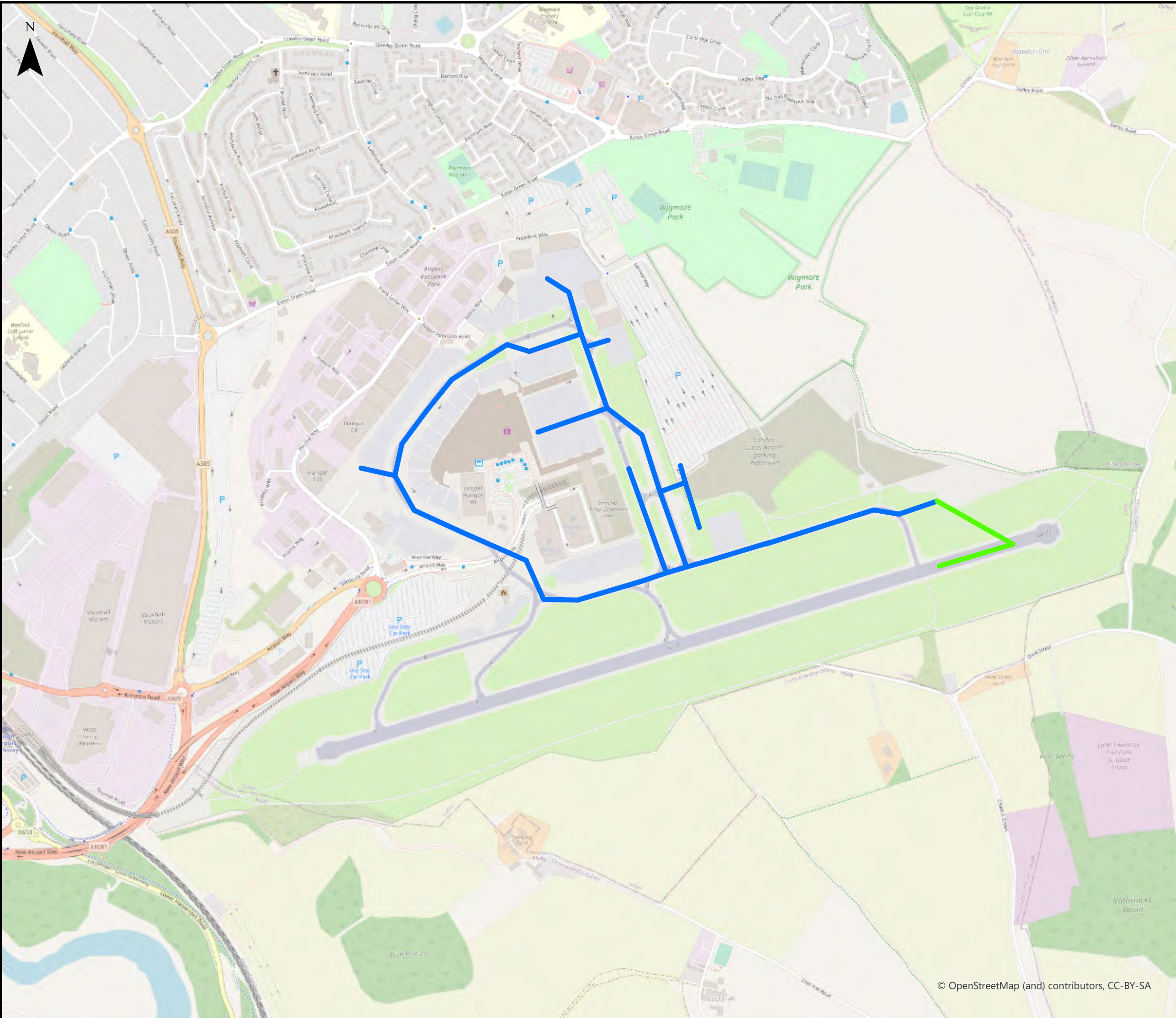
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Drawing Title
Figure 7.21 Modelled landing and take-off (LTO) sources - taxi out and hold 07 in 2043 Do-Something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0093	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	



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Legend

- Taxi out 25
- Hold 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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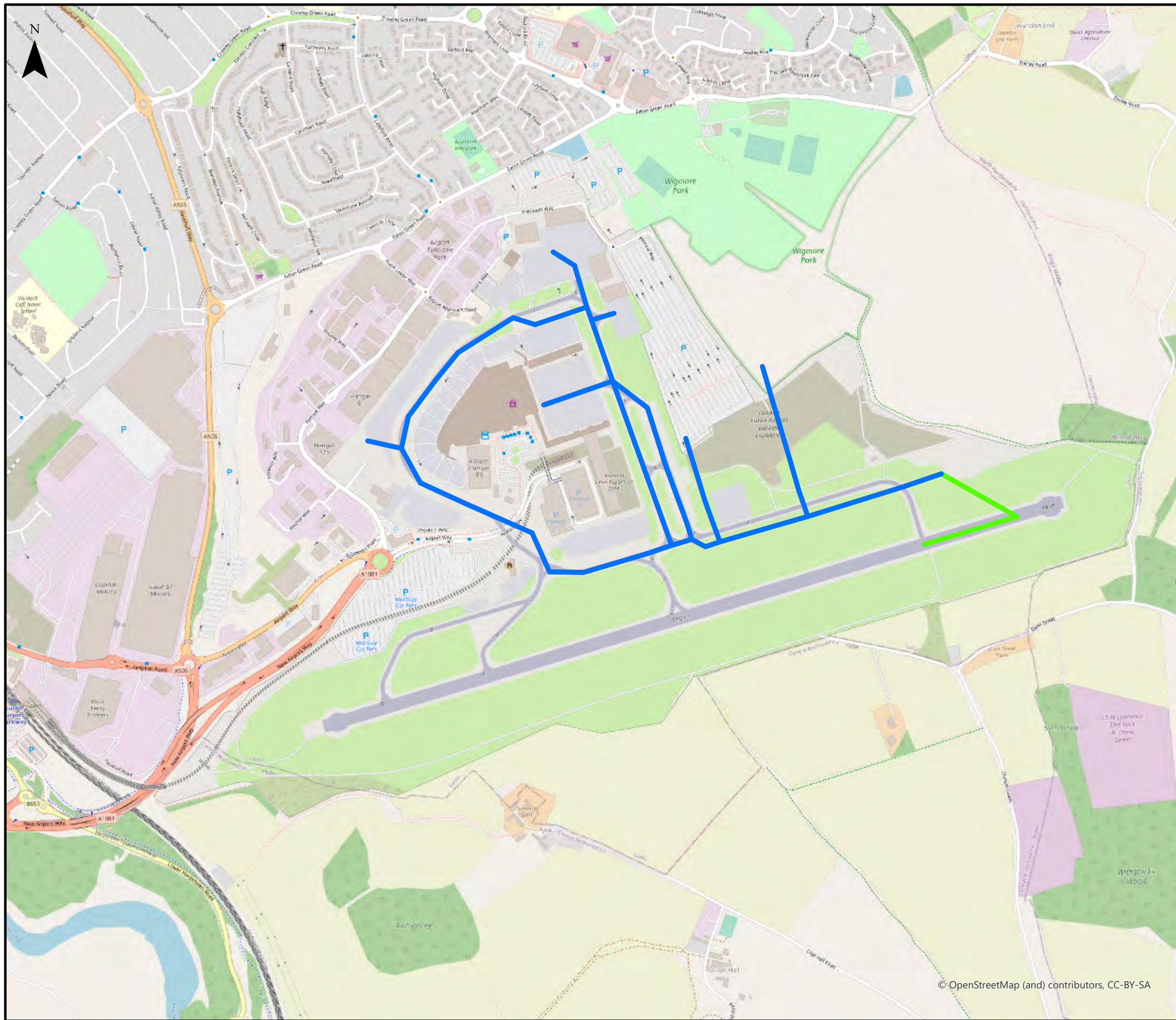
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Drawing Title
Figure 7.22 Modelled Landing and Take-Off (LTO) sources - taxi out and hold 25 in 2027 Do-Something (DS) scenario

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0094	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	



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Legend

- █ Hold 25
- █ Taxi out 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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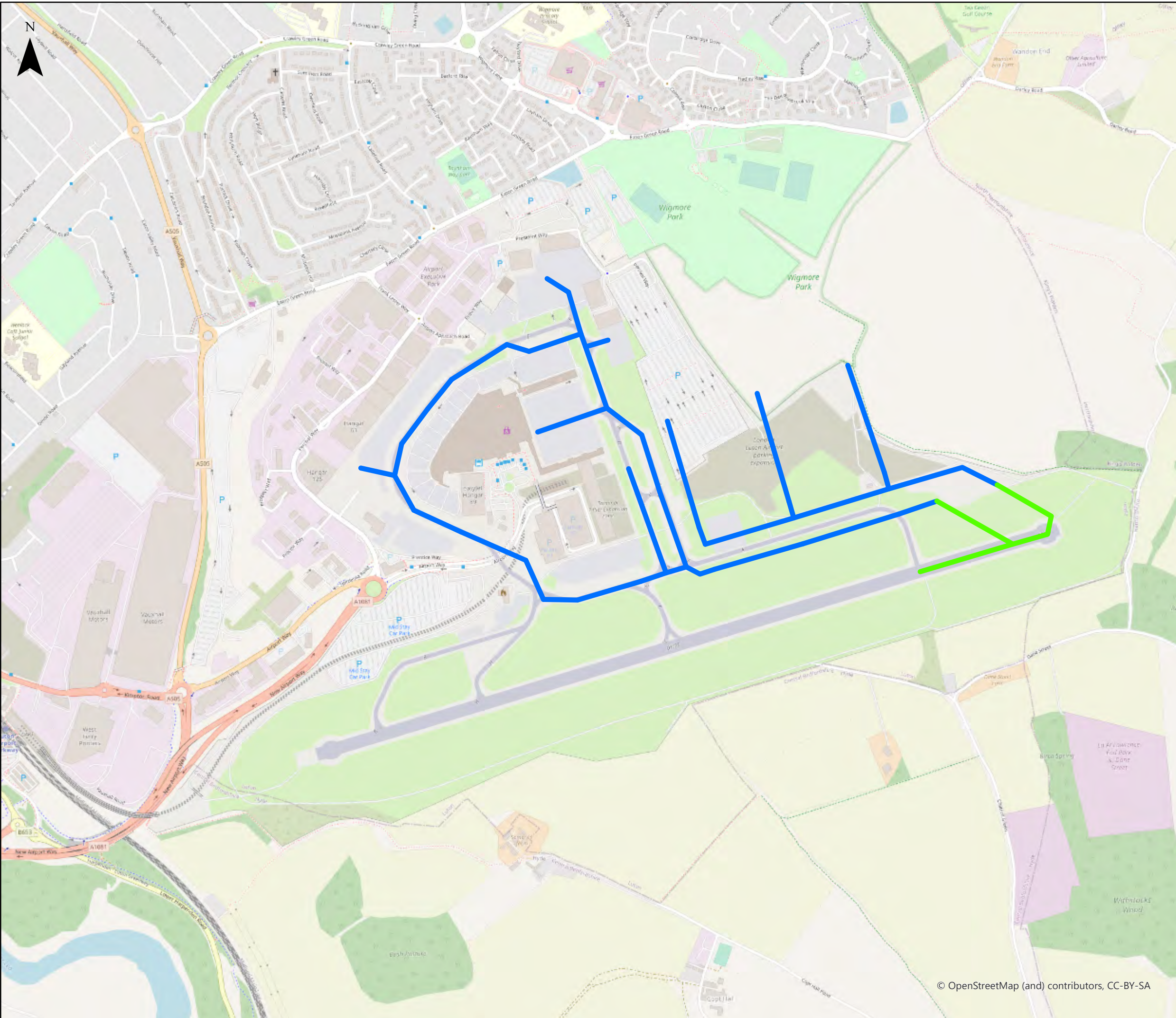
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Drawing Title
Figure 7.23 Modelled landing and take-off (LTO) sources - taxi out and hold 25 in 2039 do-something (DS) scenarios

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	01/02/23	1:10,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0095	P01
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Legend

- Taxi out 25
- Hold 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title
**Figure 7.24 Modelled Landing and Take-Off (LTO)
sources -taxi out and hold 25 in 2043
Do-Something (DS) scenarios**

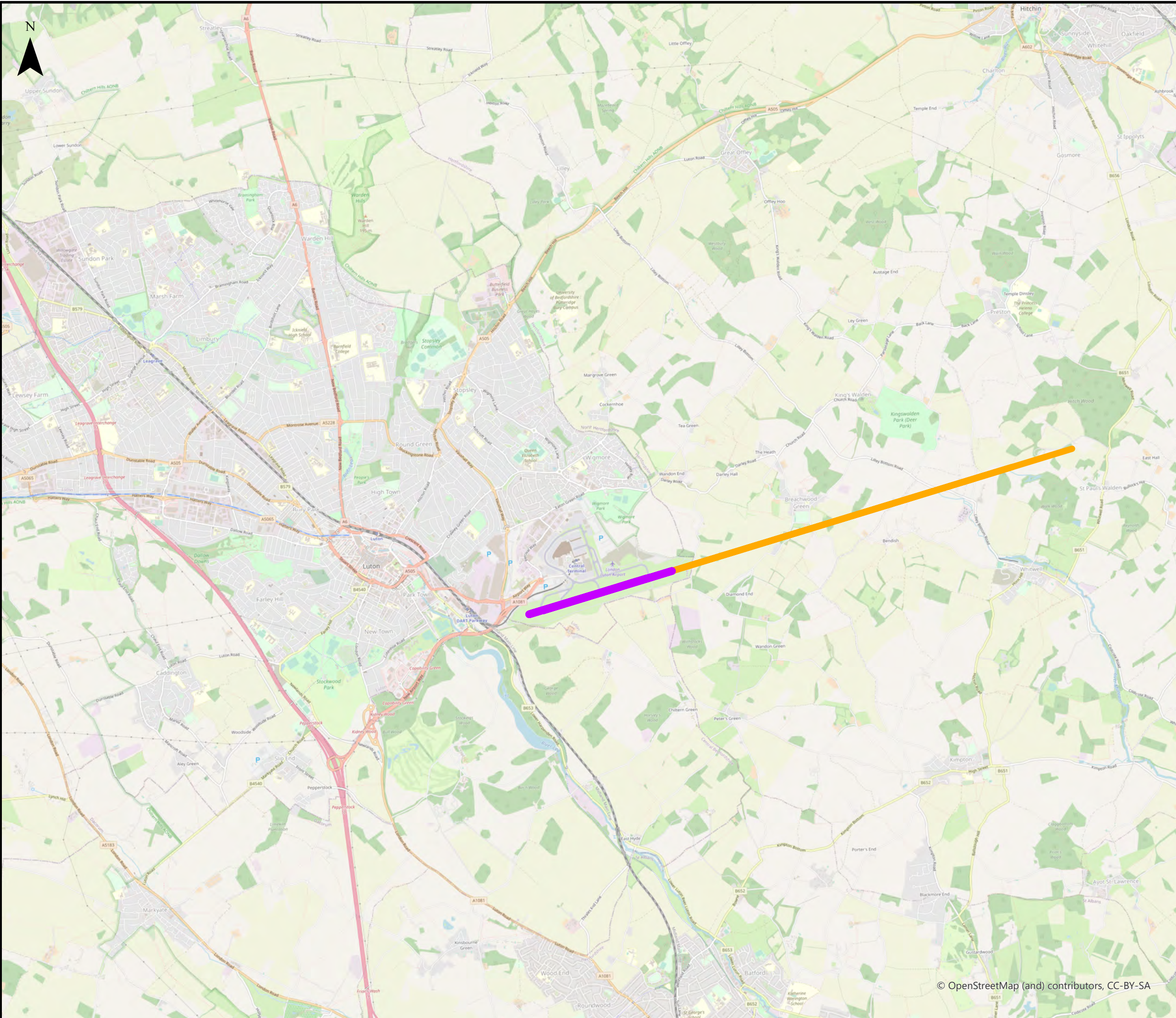
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Drawn AB	Checked SB	Approved CS	Date 01/02/23	Scale 1:10,000	Size A3

DCO Application Ref. TR020001	APFP Regulation APFP 5(2)(a)	DCO Document Ref. TR020001/APP/5.03
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Legend

- Take-Off 07
- Initial Climb 07

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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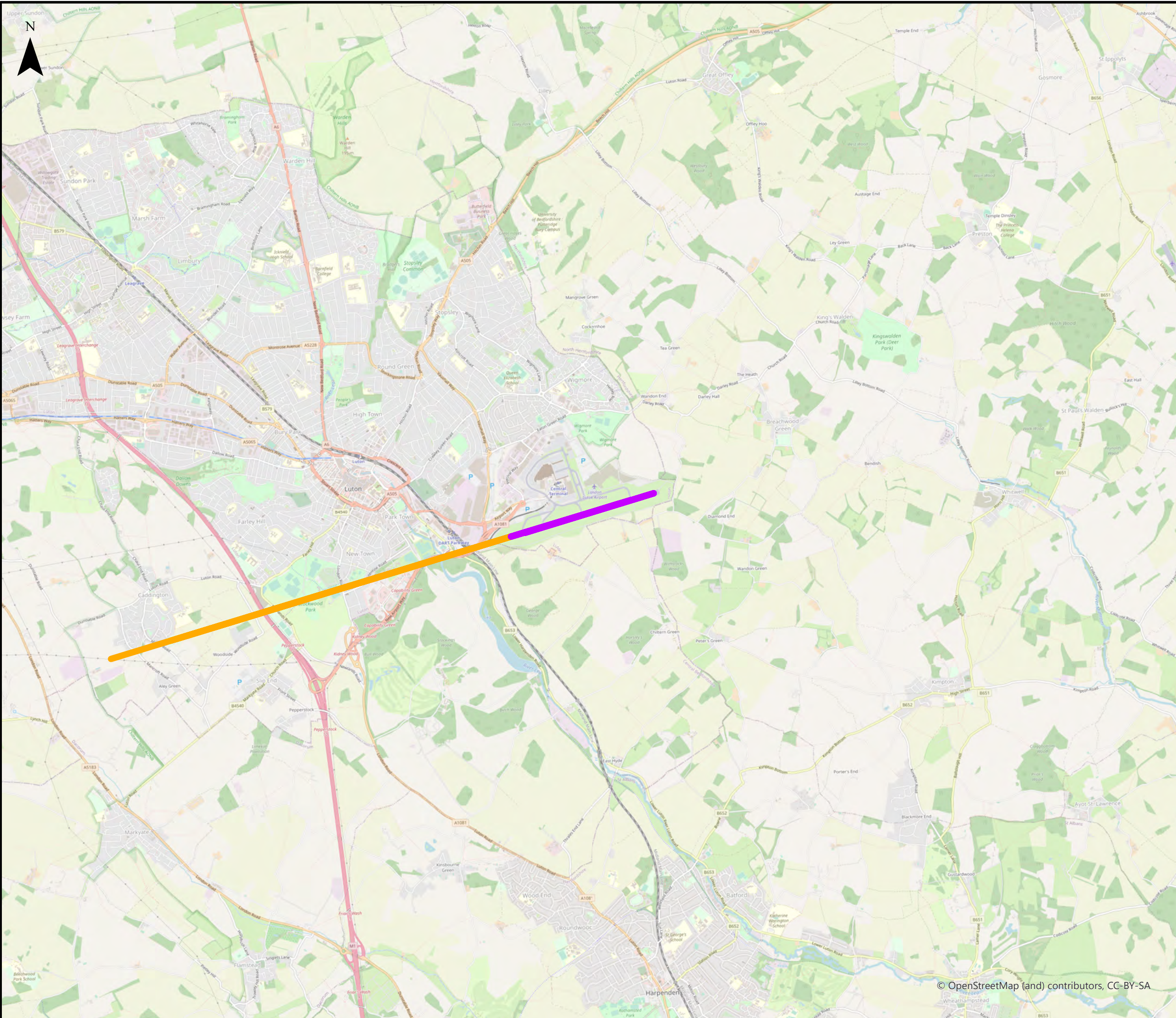
Drawing Title
Figure 7.25 Modelled Landing and Take-Off (LTO) sources - take off and initial climb 07

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:50,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0097	P02

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Legend

- Take Off 25
- Initial Climb 25

Scenario	Description
07	Runway operating in the 70 degree bearing direction (easterly operational direction)
25	Runway operating in the 250 degree bearing direction (westerly operational direction)

Additional submissions (updated in response to Rule 9 letter)	AB	SB	CS	31/05/23	P02
First Issue	AB	SB	CS	01/02/23	P01
Revision History	Drawn	Checked	Approved	Date	Rev.

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Drawing Title

Figure 7.26 Modelled Landing and Take-Off (LTO) sources - take off and initial climb 25

Purpose of issue				Suitability	
Additional submissions (updated in response to Rule 9 letter)				S2	
Drawn	Checked	Approved	Date	Scale	Size
AB	SB	CS	31/05/23	1:50,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/5.03

Drawing Number	Revision
LLADCO-3C-ARP-00-00-DR-YE-0098	P02
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	