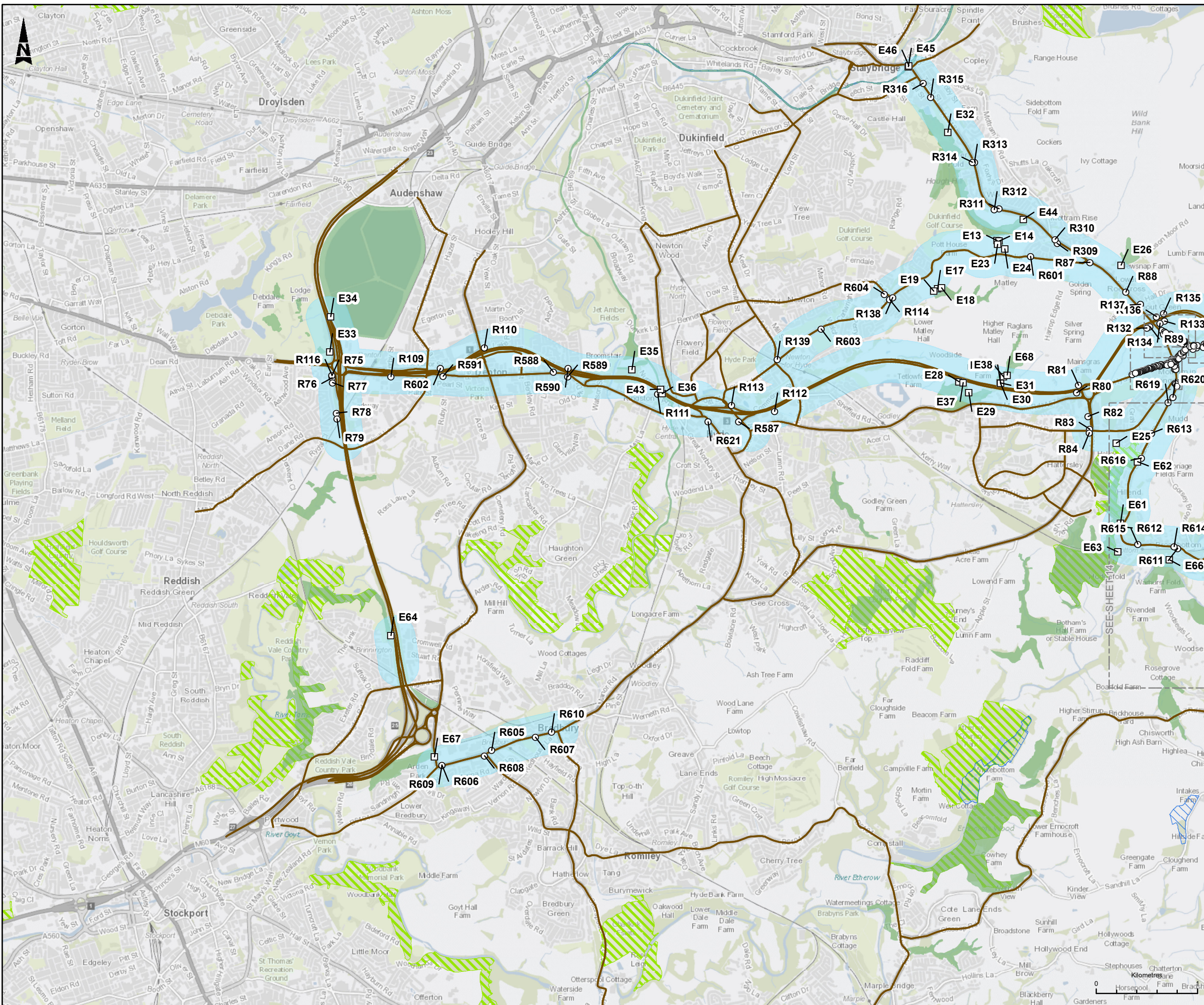


**A57 Link Roads  
TR010034**

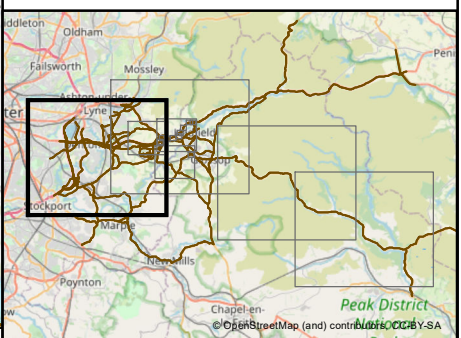
**6.4 Environmental Statement  
Figure 5.2(i) Air Quality Model Sensitive Receptors**

APFP Regulation 5(2)(a)

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



- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLED ROAD NETWORK
  - MODELLED ECOLOGICAL RECEPTORS
  - MODELLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
  - SPECIAL AREAS OF CONSERVATION (SAC)
  - LOCAL NATURE RESERVES (LNR)
  - NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)



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| Description    | Status | Revision       | Issue Date  |
|----------------|--------|----------------|-------------|
| DCO SUBMISSION | A4     | P01            | 02/06/21    |
| Drawn          | SD     | Checked MDL/SR | Reviewed LY |
| Authorised     | MR     | Status         |             |
| DCO SUBMISSION |        |                | A4          |

**highways england**

Scheme Name: **A57 LINK ROADS**

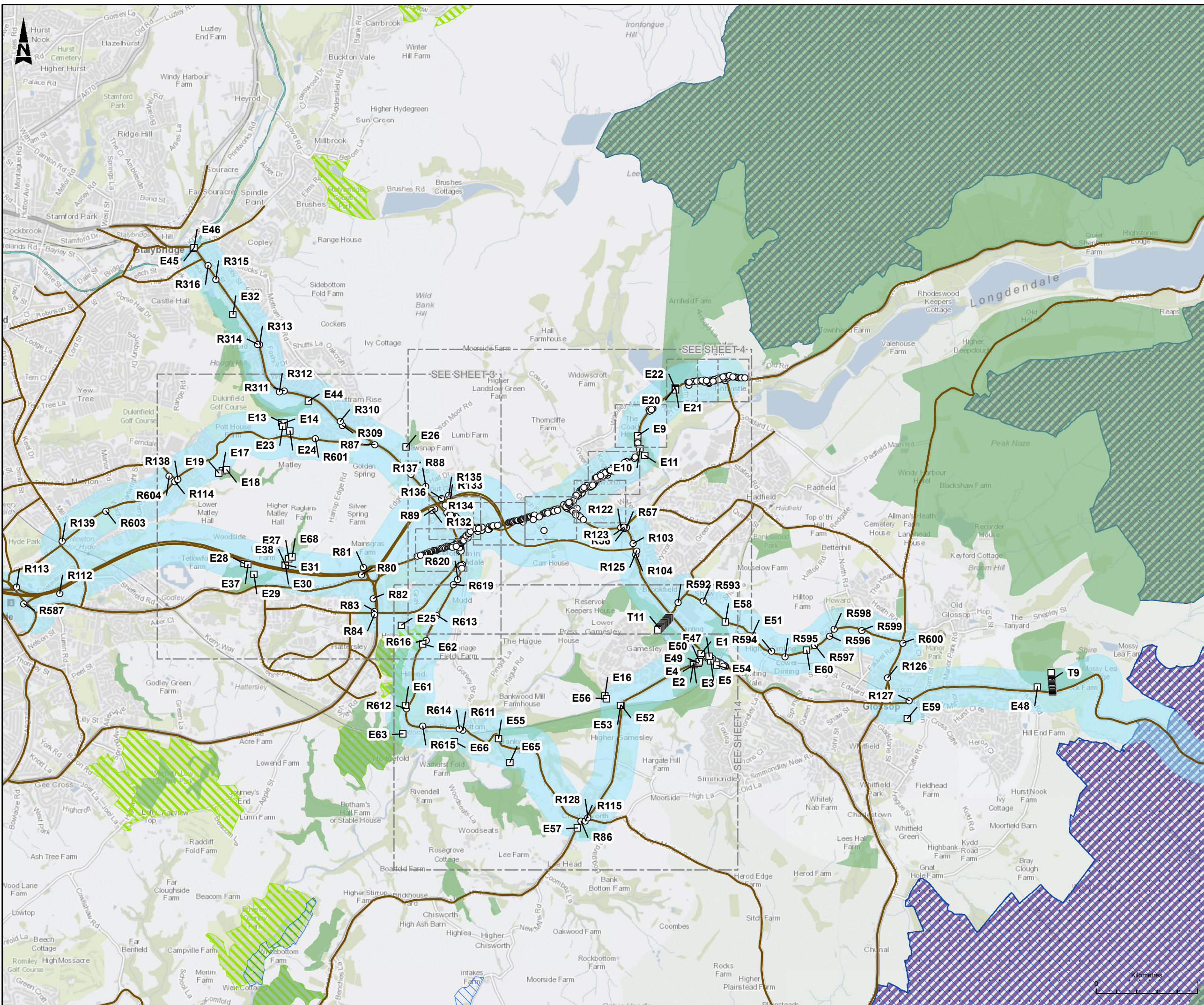
Drawing Title: **FIGURE 5.2 AIR QUALITY MODEL SENSITIVE RECEPTORS SHEET 1 OF 17**

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

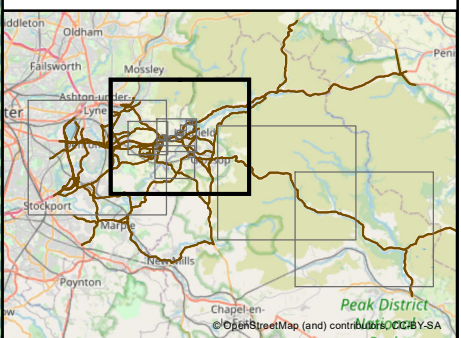
Drawing Number: **HE551473 - BBA - EGN - A57\_AL\_SCHEME - DR - LE - 060412**

Location: **Marple**

Scale: **1:35,000** Original Size: **A3** Rev: **P01**

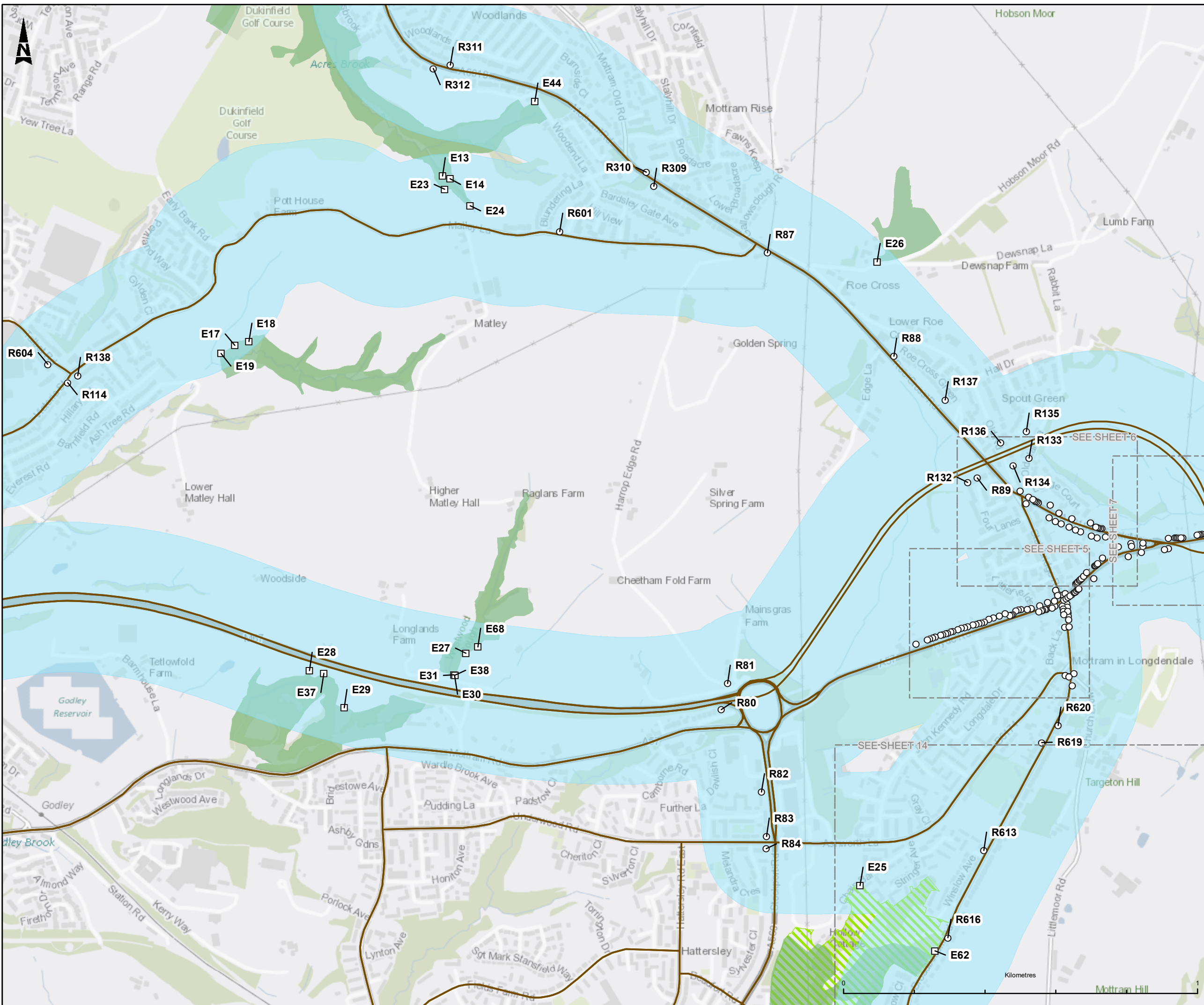


- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLLED ROAD NETWORK
  - MODELLLED ECOLOGICAL RECEPTORS
  - MODELLLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
  - SPECIAL AREAS OF CONSERVATION (SAC)
  - LOCAL NATURE RESERVES (LNR)
  - NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)



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| Status   | A4             | Revision      | P01    |
| Issue Date   | 02/06/21       |               |        |
| Drawn  | SD             | Checked       | MDL/SR |
| Reviewed   | LY             | Authorised    | MR     |
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| Status   | A4             |               |        |
| Client   |                |               |        |
|  |                |               |        |
| Scheme Name  |                |               |        |
| A57 LINK ROADS   |                |               |        |
| Drawing Title  |                |               |        |
| FIGURE 5.2<br>AIR QUALITY MODEL SENSITIVE RECEPTORS<br>SHEET 2 OF 17 |                |               |        |
| PNS Ref. No.   |                |               |        |
| TR010034/APP/6.4   |                |               |        |
| Drawing Number   |                |               |        |
| Scheme   | Originator     | Volume        |        |
| HE551473   | BBA            | EGN           |        |
| A57_AL_SCHEME  | DR             | LE            | 060412 |
| Location   | Type           | Role          | Number |
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| Rev.   | P01            |               |        |

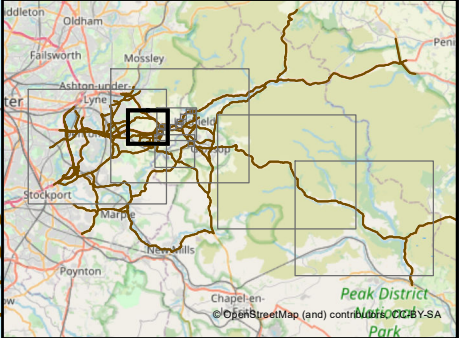


**LEGEND**

- AIR QUALITY STUDY AREA
- MODELLLED ROAD NETWORK
- MODELLLED ECOLOGICAL RECEPTORS
- MODELLLED HUMAN HEALTH RECEPTORS

**DESIGNATED ECOLOGICAL SITES**

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



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| Status                     | A4       | Revision            | P01    |
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| Drawn                      | SD       | Checked             | MDL/SR |
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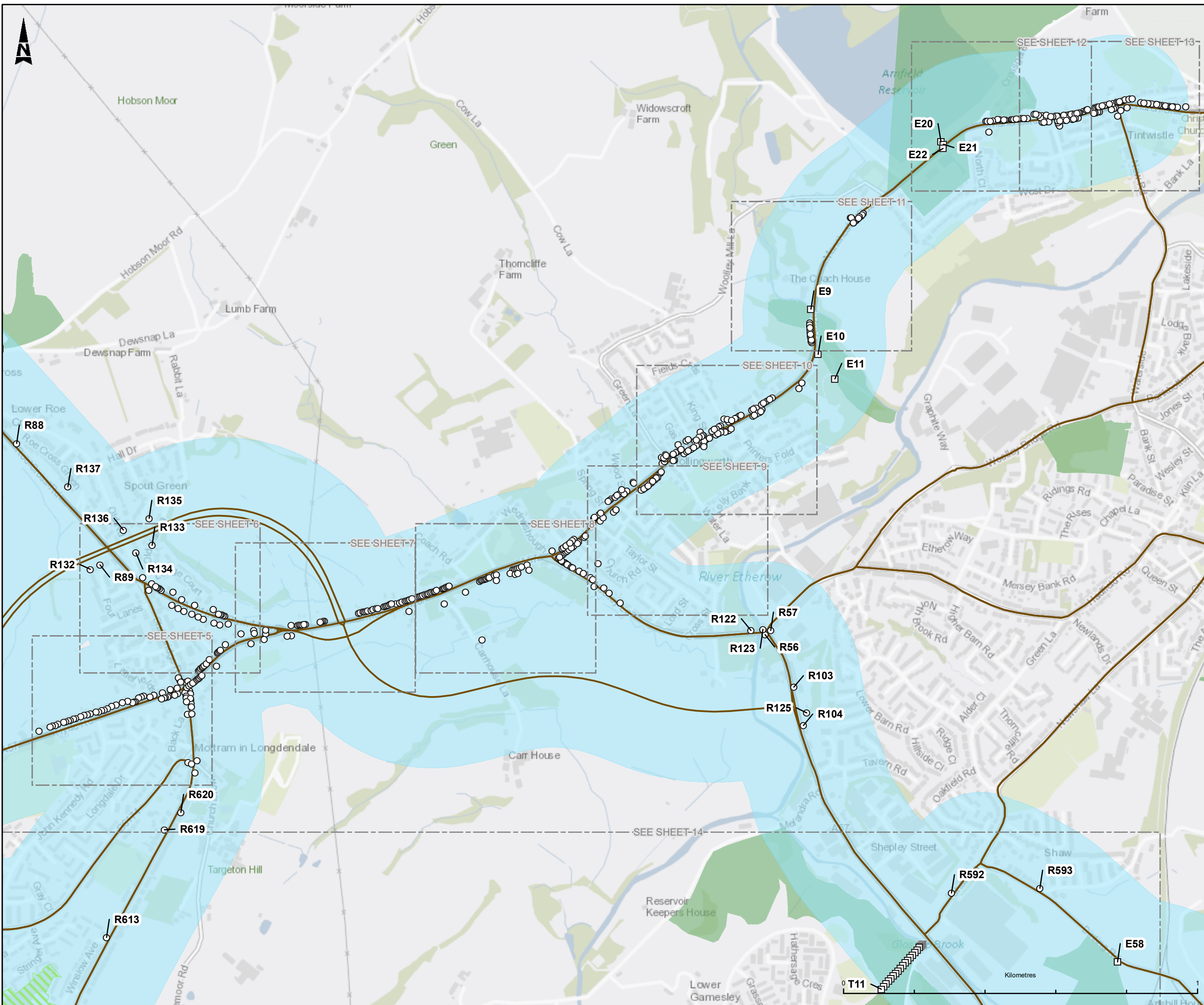
**highways england**

Scheme Name: A57 LINK ROADS

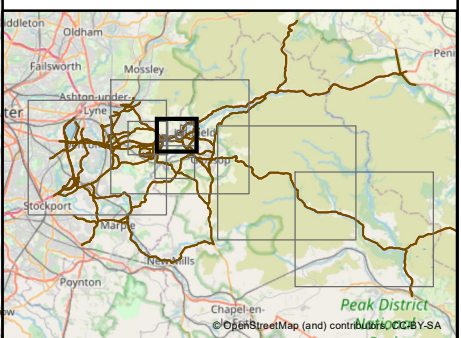
Drawing Title: FIGURE 5.2 AIR QUALITY MODEL SENSITIVE RECEPTORS SHEET 3 OF 17

PINS Ref. No.: TR010034/APP/6.4

|                |               |        |
|----------------|---------------|--------|
| Drawing Number | Originator    | Volume |
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| A57_AL_SCHEME  | DR            | LE     |
| Location       |               | 060412 |
| Scale          | Type          | Number |
| 1:10,000       | Original Size | Rev    |
|                |               | P01    |



- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLED ROAD NETWORK
  - MODELLED ECOLOGICAL RECEPTORS
  - MODELLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
  - SPECIAL AREAS OF CONSERVATION (SAC)
  - LOCAL NATURE RESERVES (LNR)
  - NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)



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| Reviewed            | LY             | Authorised | MR     |
| Drawing Suitability | DCO SUBMISSION |            | Status |
|                     |                |            | A4     |

**highways**  
england

Scheme Name  
A57 LINK ROADS

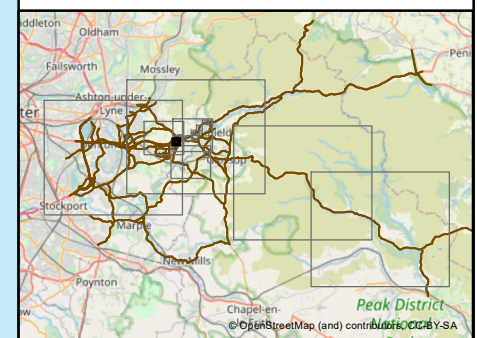
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FIGURE 5.2  
AIR QUALITY MODEL SENSITIVE RECEPTORS  
SHEET 4 OF 17

PINS Ref. No.  
TR010034/APP/6.4

|                |            |               |    |
|----------------|------------|---------------|----|
| Drawing Number | Originator | Volume        |    |
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| A57_AL_SCHEME  | DR         | LE            |    |
| Location       | Type       | Role          |    |
|                |            | Number        |    |
| Scale          | 1:10,000   | Original Size | A3 |
| Rev.           |            | P01           |    |



- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLED ROAD NETWORK
  - MODELLED ECOLOGICAL RECEPTORS
  - MODELLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
  - SPECIAL AREAS OF CONSERVATION (SAC)
  - LOCAL NATURE RESERVES (LNR)
  - NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)



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| Drawn                      | SD       | Checked MDL/SR | Reviewed LY         |
| Authorised                 | MR       | Status         |                     |
| Drawing Suitability        |          |                | A4                  |

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england

Scheme Name  
A57 LINK ROADS

Drawing Title  
FIGURE 5.2  
AIR QUALITY MODEL SENSITIVE RECEPTORS  
SHEET 5 OF 17

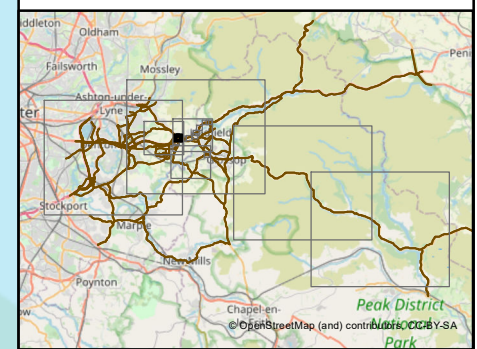
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| A57_AL_SCHEME - DR - LE - |               | 060412 |
| Location                  | Type          | Role   |
|                           |               |        |
| Scale                     | Original Size | Rev    |
| 1:1,500                   | A3            | P01    |





- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLED ROAD NETWORK
  - MODELLED ECOLOGICAL RECEPTORS
  - MODELLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
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  - LOCAL NATURE RESERVES (LNR)
  - NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)



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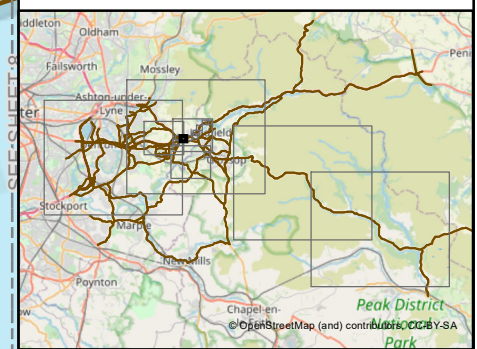
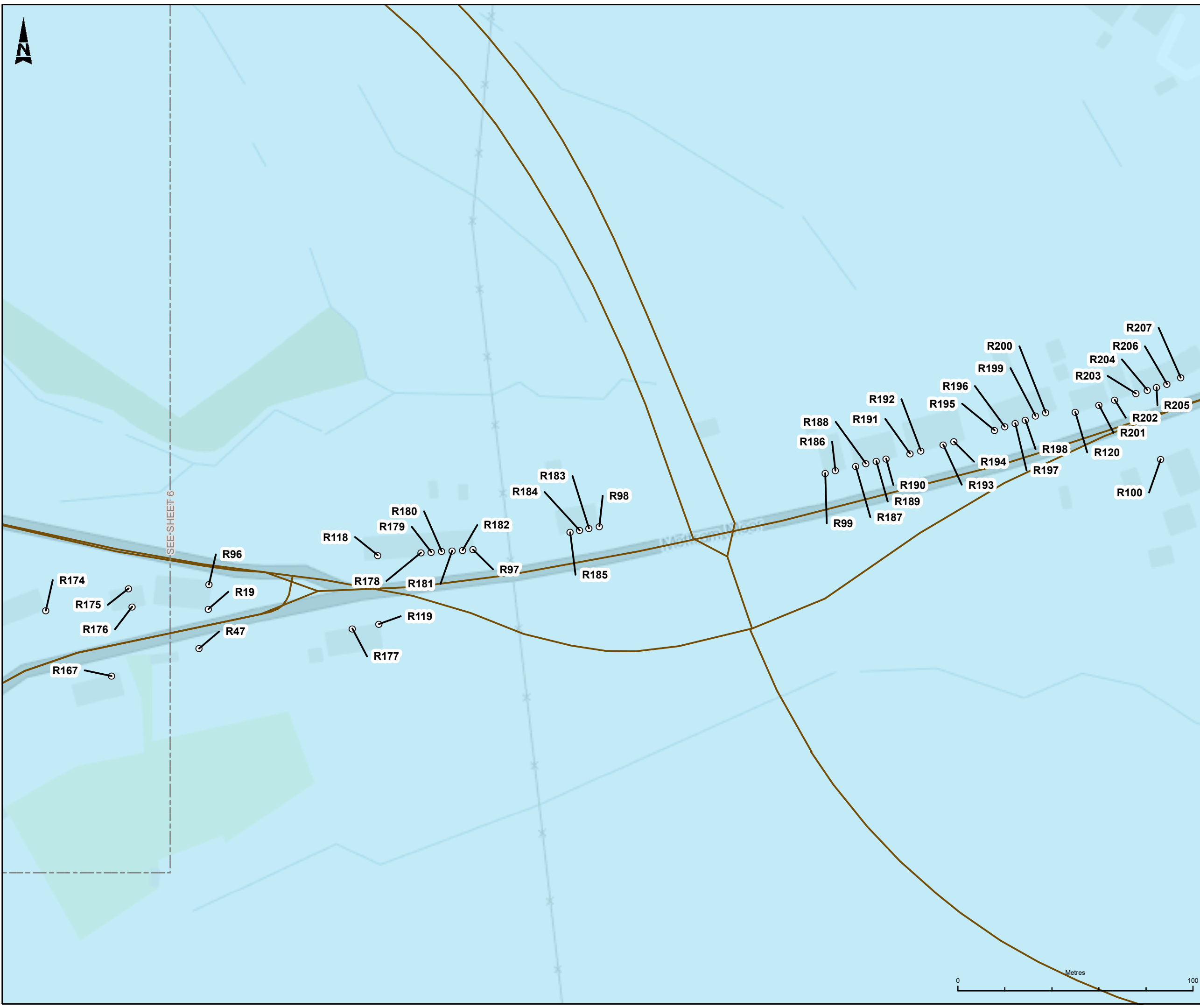
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| Issue Date                 |          | 02/06/21   |        |
| Drawn                      | SD       | Checked    | MDL/SR |
| Reviewed                   | LY       | Authorised | MR     |
| Drawing Suitability        |          |            | Status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

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| Client         |         |  |        |
| Scheme Name    |         | A57 LINK ROADS   |        |
| Drawing Title  |         | FIGURE 5.2<br>AIR QUALITY MODEL SENSITIVE RECEPTORS<br>SHEET 6 OF 17 |        |
| PINS Ref. No.  |         | TR010034/APP/6.4   |        |
| Drawing Number |         | HE551473 - BBA - EGN -<br>A57_AL_SCHEME - DR - LE - 060412           |        |
| Location       | Type    | Role   | Number |
| Scale          | 1:1,500 | Original Size  | A3     |
| Rev.           | P01     |  |        |



SEE SHEET 6

- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLED ROAD NETWORK
  - MODELLED ECOLOGICAL RECEPTORS
  - MODELLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
  - SPECIAL AREAS OF CONSERVATION (SAC)
  - LOCAL NATURE RESERVES (LNR)
  - NON-STATUTORY DESIGNATED SITES (LWS, SBI, NIA, AW)



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| Description DCO SUBMISSION |          |                |                     |
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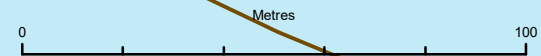
**Client**

**Scheme Name**  
 A57 LINK ROADS

**Drawing Title**  
 FIGURE 5.2  
 AIR QUALITY MODEL SENSITIVE RECEPTORS  
 SHEET 7 OF 17

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

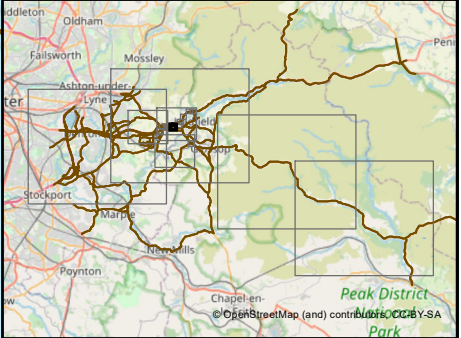
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| A57_AL_SCHEME - DR - LE - |                      | 060412        |
| <b>Location</b>           | <b>Type</b>          | <b>Role</b>   |
|                           |                      |               |
| <b>Scale</b>              | <b>Original Size</b> | <b>Rev.</b>   |
| 1:1,500                   | A3                   | P01           |







- LEGEND**
- AIR QUALITY STUDY AREA
  - MODELLED ROAD NETWORK
  - MODELLED ECOLOGICAL RECEPTORS
  - MODELLED HUMAN HEALTH RECEPTORS
- DESIGNATED ECOLOGICAL SITES**
- SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)
  - SPECIAL PROTECTION AREAS (SPA)
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| Description DCO SUBMISSION |          |            |          |
| Status                     | A4       | Revision   | P01      |
|                            |          | Issue Date | 02/06/21 |
| Drawn                      | SD       | Checked    | MDL/SR   |
| Reviewed                   | LY       | Authorised | MR       |
| Drawing Suitability        |          |            | Status   |
| DCO SUBMISSION             |          |            | A4       |

**Client**

**Scheme Name**  
 A57 LINK ROADS

**Drawing Title**  
 FIGURE 5.2  
 AIR QUALITY MODEL SENSITIVE RECEPTORS  
 SHEET 8 OF 17

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

**Drawing Number**  
 Scheme HE551473 - BBA - EGN -  
 A57\_AL\_SCHEME - DR - LE - 060412

**Location**  
 Type Role Number

**Scale**  
 1:1,500 Original Size A3 Rev: P01

