

Chesterfield to Willington

Environmental Impact Assessment Scoping Report
Volume 3 (Part 2): Figure 11.1 to Figure 16.1

October 2024



nationalgrid

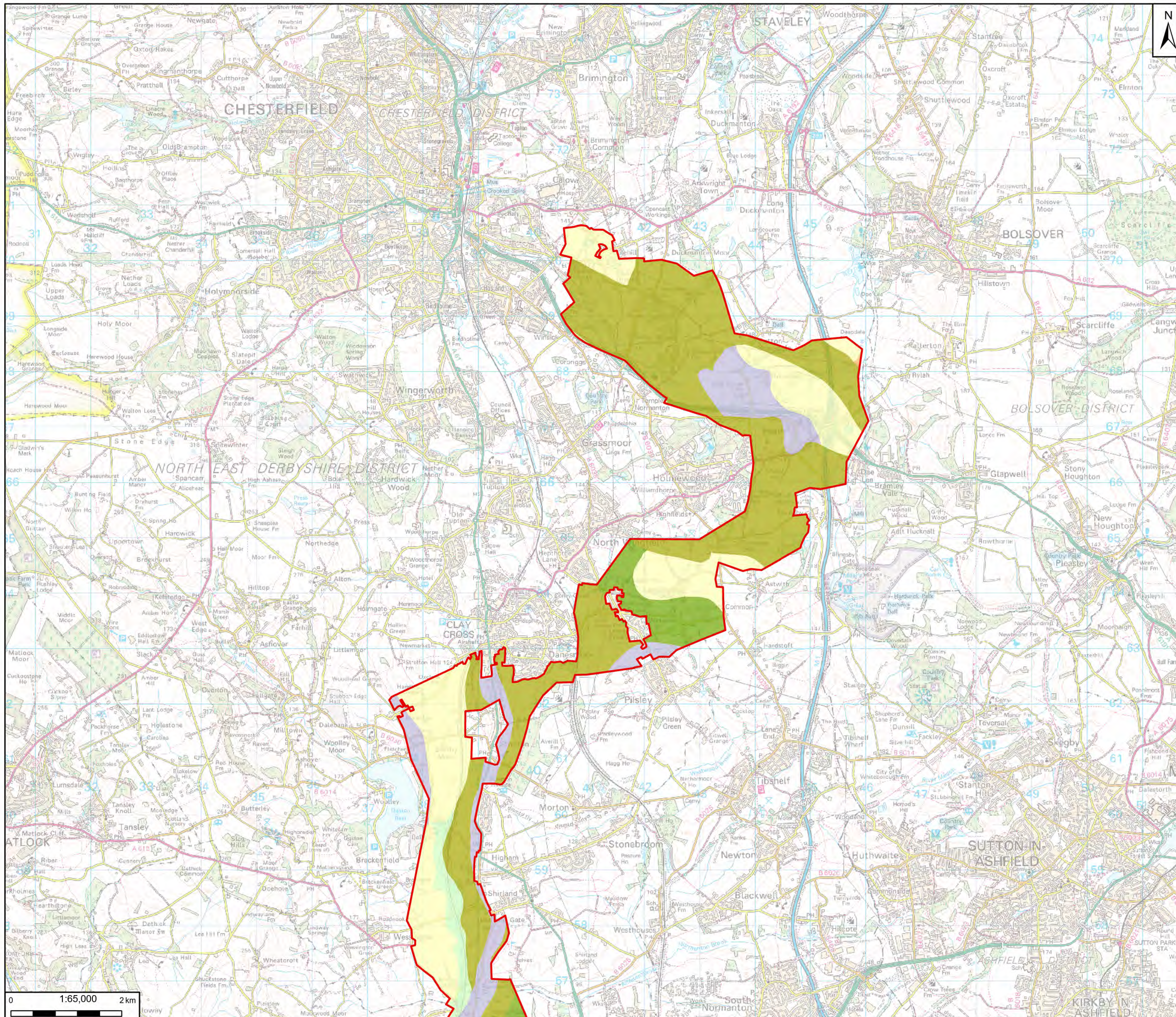
Contents

Figure 11.1	Soil Mapping
Figure 11.2	Provisional Agricultural Land Classification Mapping
Figure 11.3	Detailed Agricultural Land Classification Mapping
Figure 11.4	Agri-environment Schemes
Figure 11.5	Woodland and Forestry Schemes
Figure 13.1	Air Quality Constraints
Figure 14.1	Scoping Area and Receptors
Figure 15.1	Socio-economics, Recreation and Tourism Study Area
Figure 15.2	Socio-economics, Recreation and Tourism Receptors
Figure 16.1	Health and Wellbeing Study Area

11. Agriculture and Soils

Figure 11.1 to Figure 11.5

nationalgrid



Legend

- Scoping Boundary
- BARDSEY
- CONWAY
- DALE
- FLADBURY 3
- NEUTRAL RST
- OPENCAST
- RIVINGTON 1

Notes

GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

Revision Table

Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

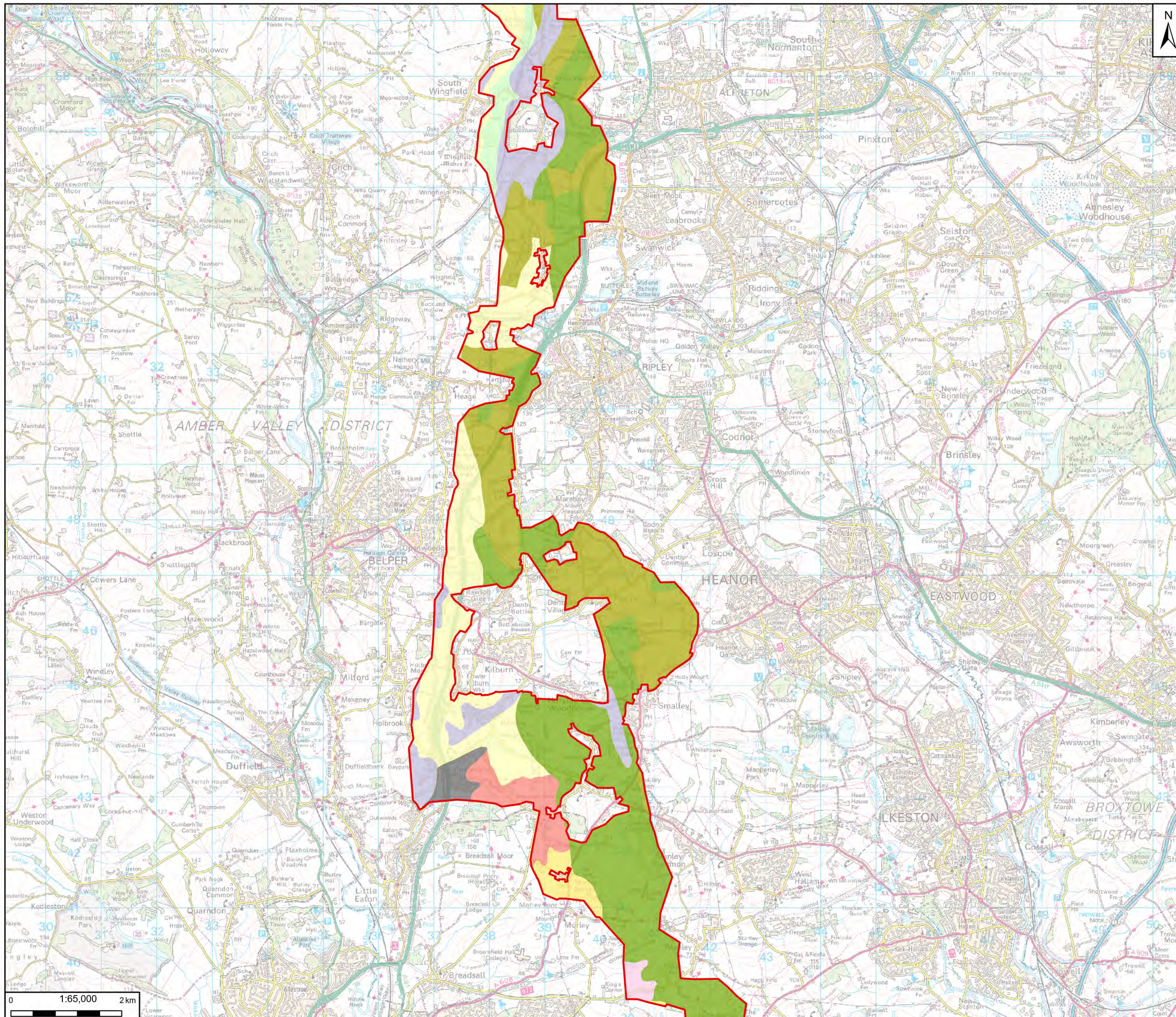
Site: C2WE **Client:** 1-3 Strand London WC2N 5EH

Registered office: 80 Fenchurch Street, London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Agriculture & Soils Figure 11.1 National Soil Map Page 1 of 3

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			

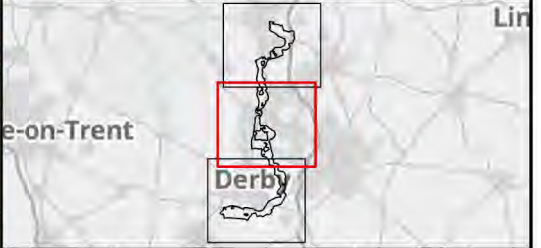
Drawing Number: 30199581-ARC-EGN-ZZ-DR-ZZ-00058-S2 Revision: P01



Legend

- Scoping Boundary
- Soil Association**
- BARDSEY
- DALE
- DUNKESWICK
- EAST KESWICK 2
- FLADBURY 3
- HODNET
- NEUTRAL RST
- RIVINGTON 1
- RIVINGTON 2

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

Site: C2WE Client: 1-3 Strand London WC2H 5EH

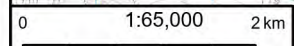
ARCADIS

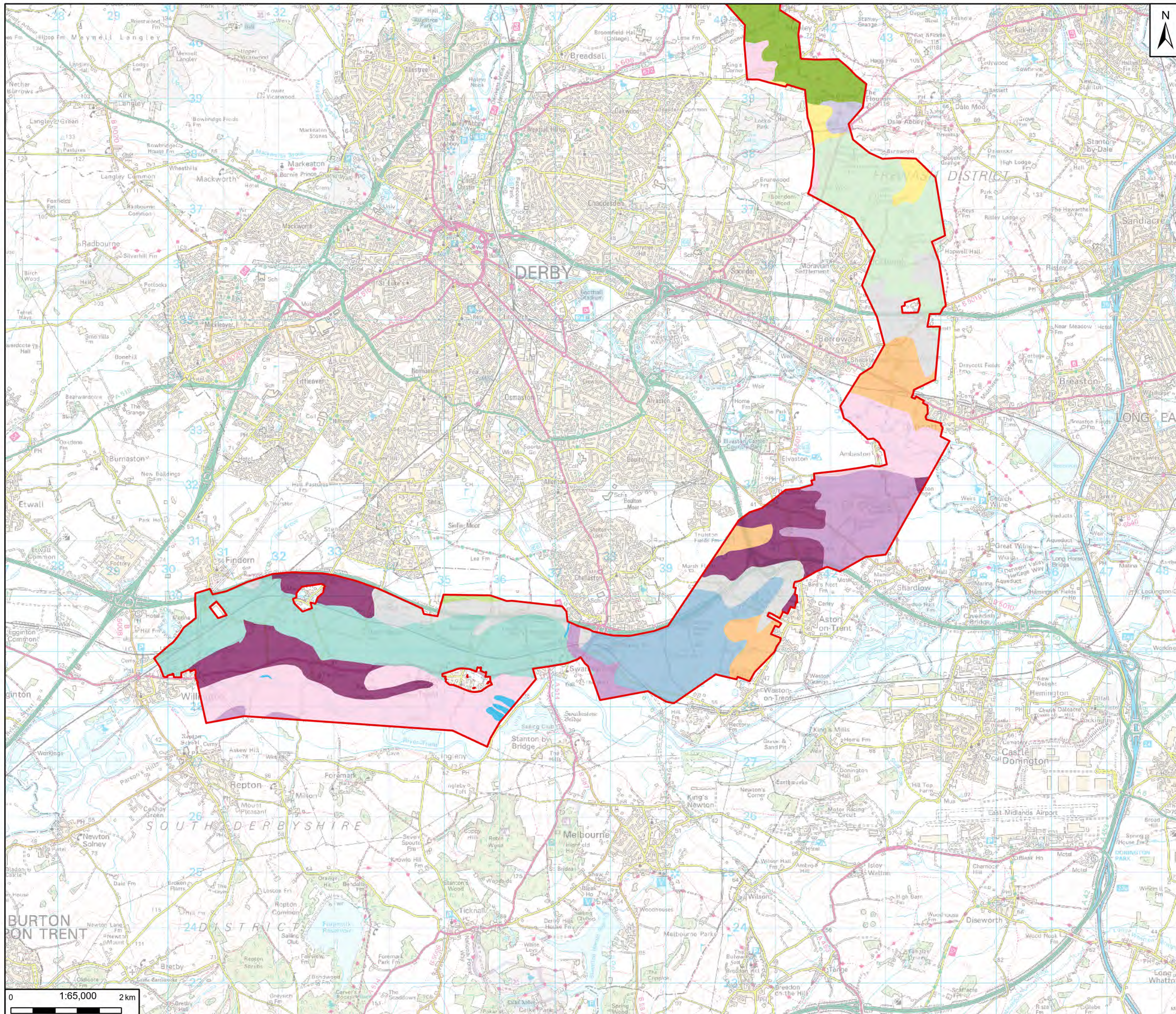
Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Agriculture & Soils
 Figure 11.1
 National Soil Map
 Page 2 of 3

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		

Drawing Number: 30199581-ARC-EGN-ZZ-DR-ZZ-00058-S2 Revision: P01

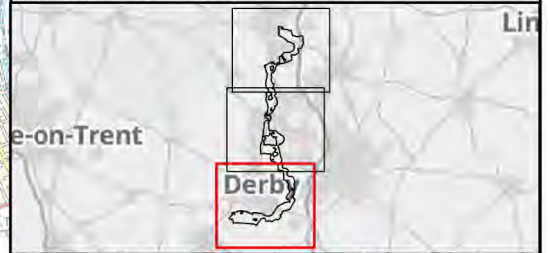




Legend

Scoping Boundary	HODNET
Soil Association	LAKE
ARROW	SALOP
BRIDGNORTH	SALWICK
BROCKHURST 2	THAMES
BROMSGROVE	WHARFE
DALE	WHIMPLE 3
DUNKESWICK	WICK 1
FLADBURY 2	WORCESTER

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

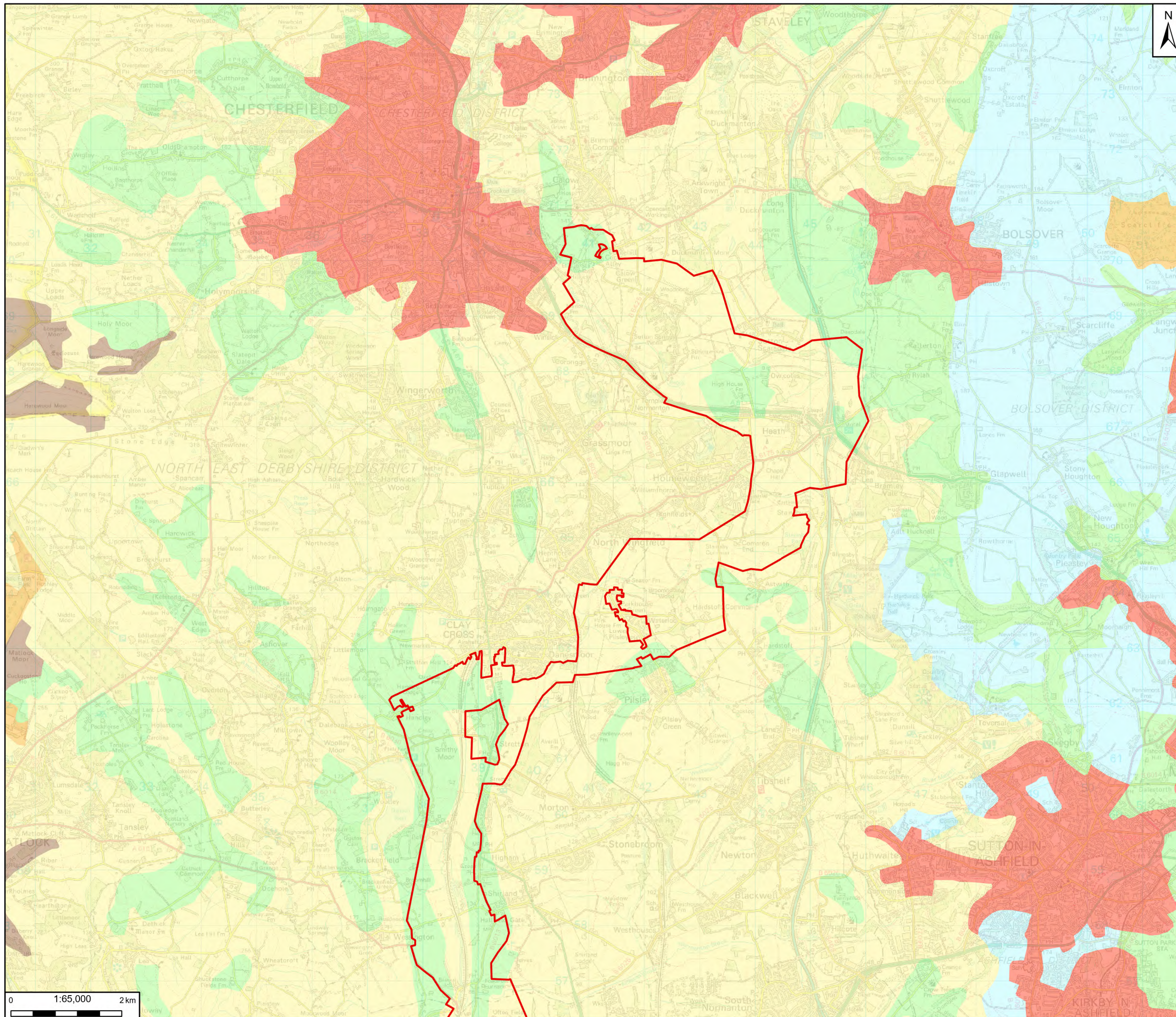
Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

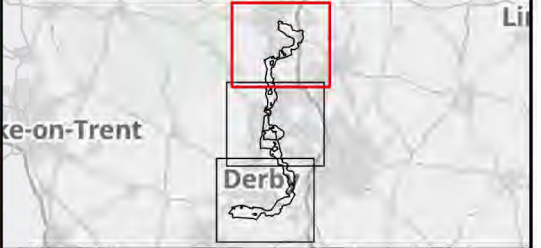
Title: Agriculture & Soils
 Figure 11.1
 National Soil Map
 Page 3 of 3

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00058-S2	Revision:	P01



- Legend**
- Scoping Boundary
 - Provisional Agricultural Land Classification**
 - Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

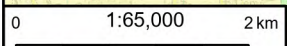
Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

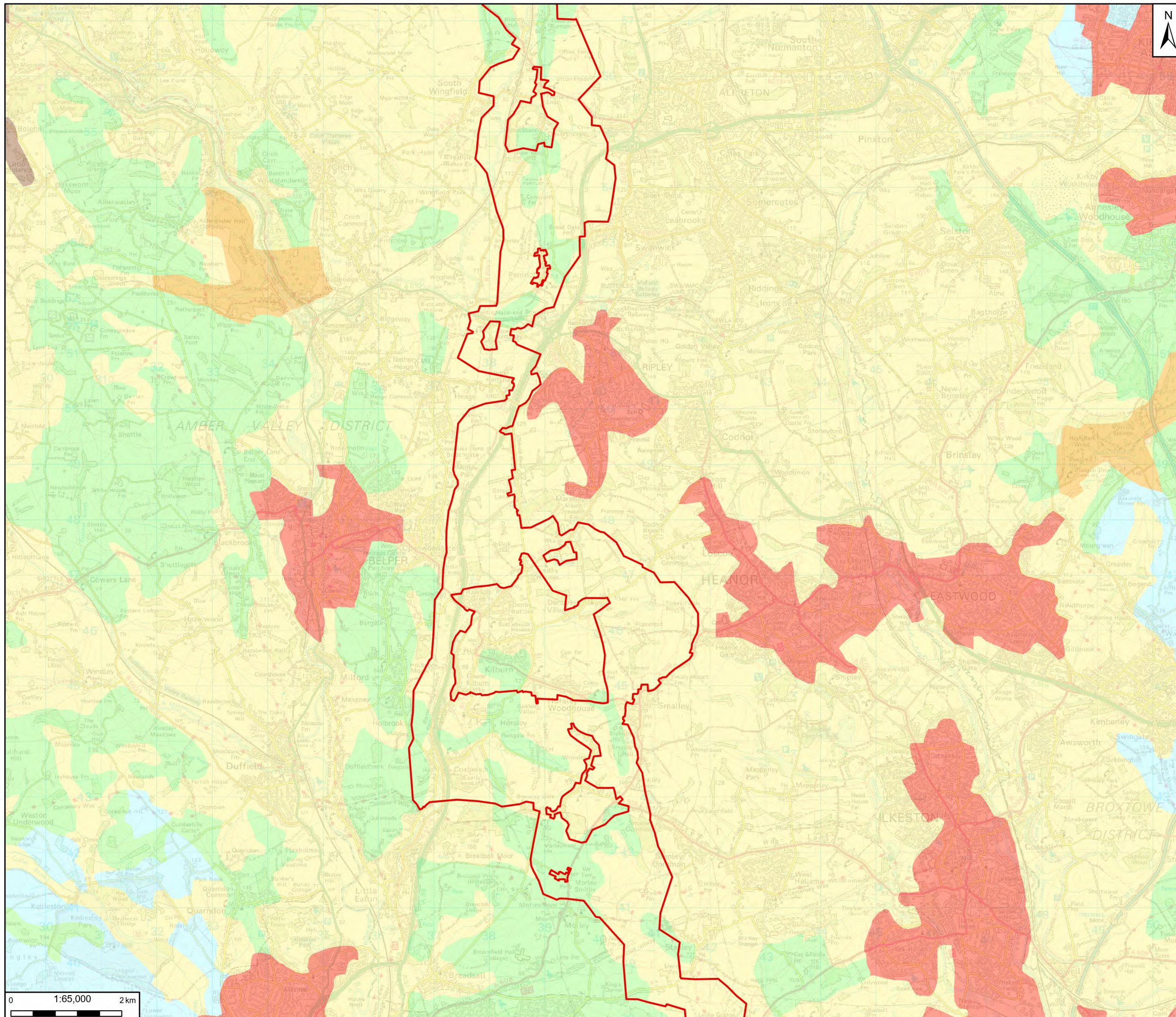
Title: **Agriculture and Soils
Figure 11.2
Provisional Agricultural Land
Classification (ALC) Mapping
Page 1 of 3**

Designed			
Drawn			
Checked			
Approved			
Scale:			
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581

Suitability Description: **For Information**

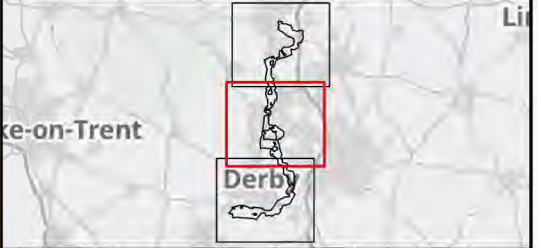
Drawing Number: **30199581-ARC-EGN-ZZ-DR-ZZ-00059-S2** Revision: **P01**





- Legend**
- Scoping Boundary
 - Provisional Agricultural Land Classification**
 - Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site C2WE **Client** 1-3 Strand London WC2N 5EH

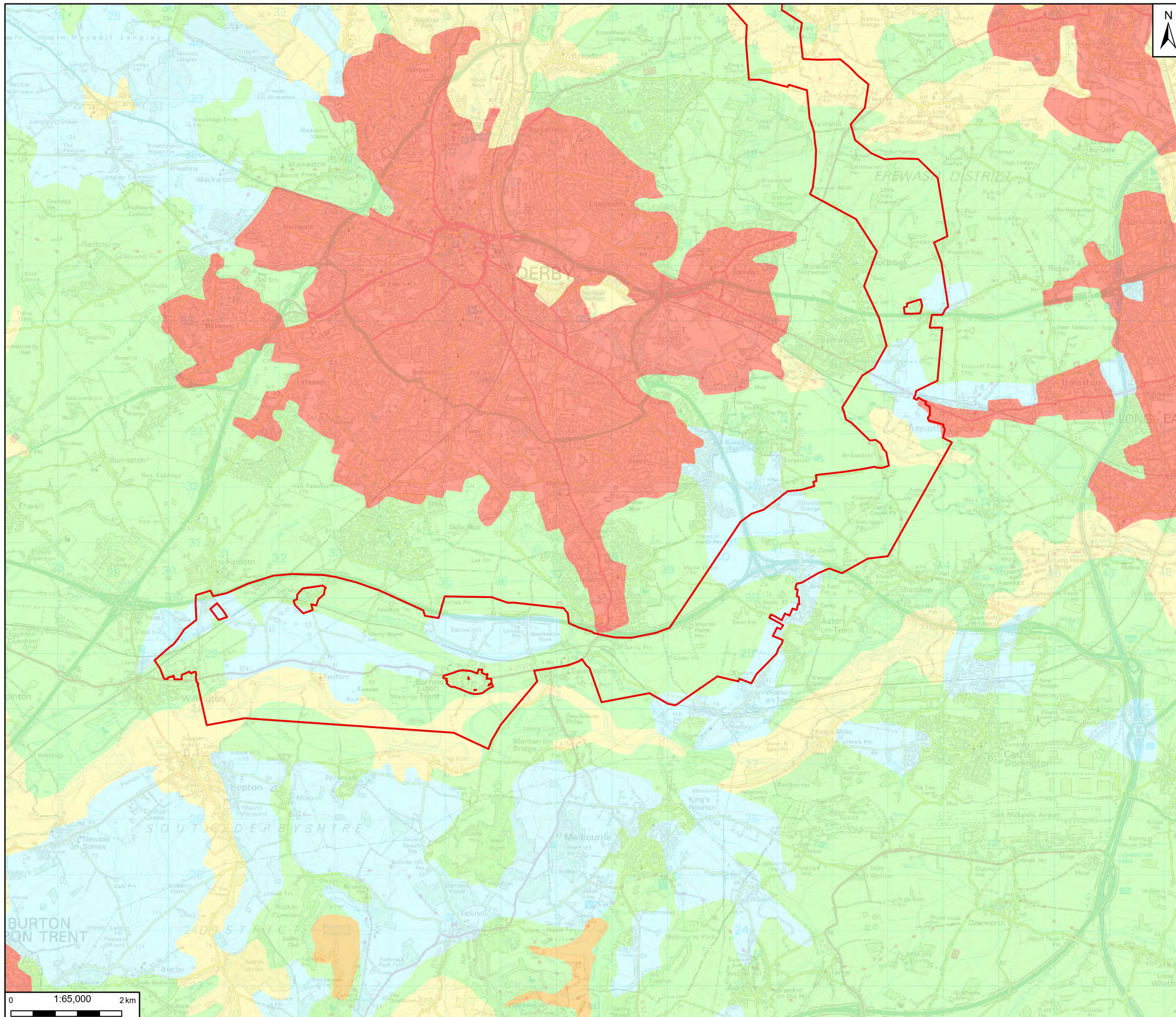
ARCADIS

Registered office: 80 Fenchurch Street, London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: **Agriculture and Soils
Figure 11.2
Provisional Agricultural Land
Classification (ALC) Mapping
Page 2 of 3**

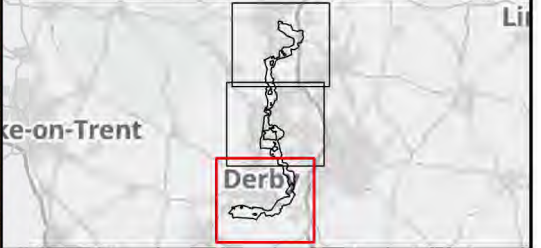
Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00059-S2	Revision:	P01

0 1:65,000 2km



- Legend**
- Scoping Boundary
- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Non Agricultural
 - Urban

Notes:
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

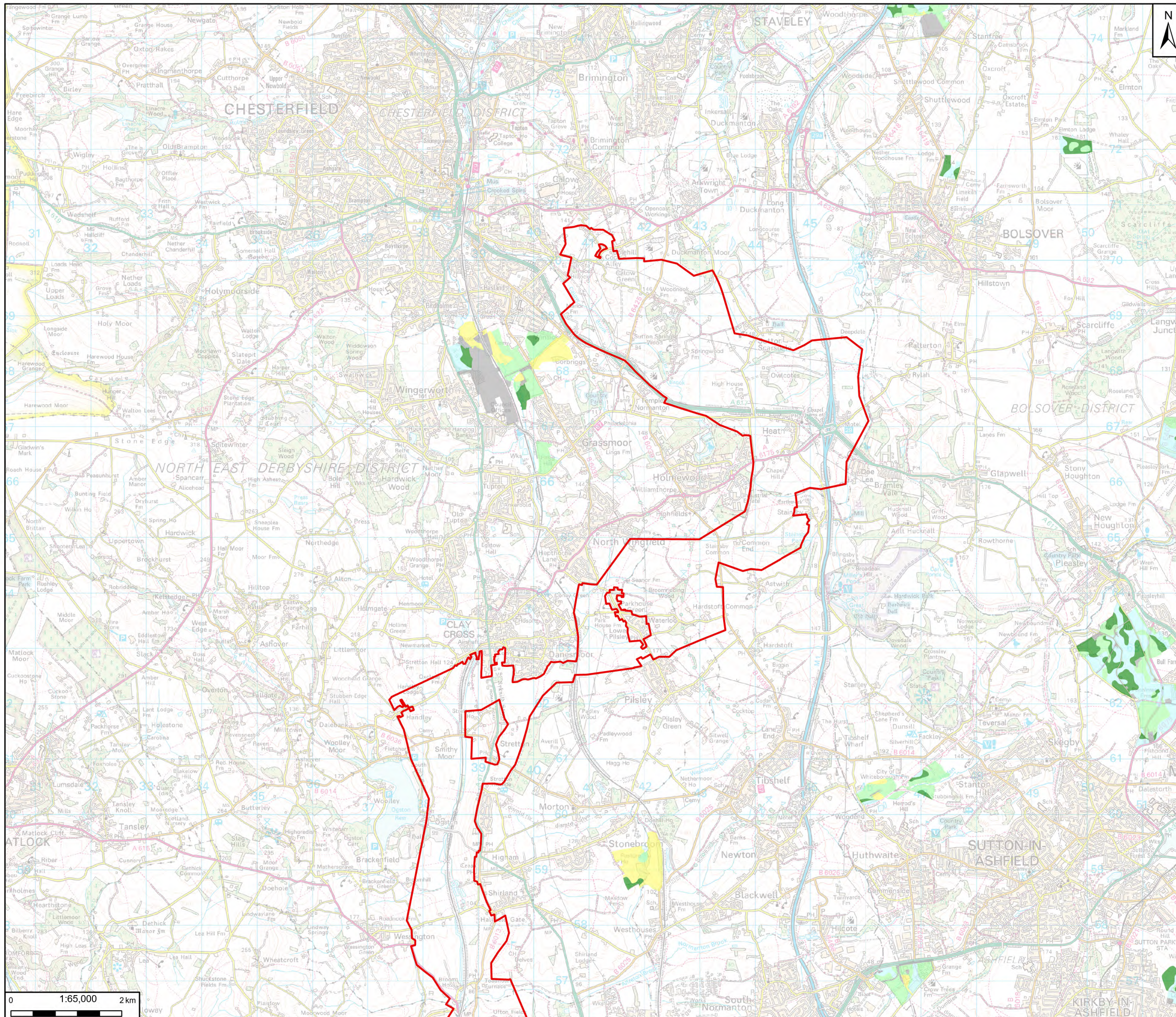
Title: **Agriculture and Soils Figure 11.2 Provisional Agricultural Land Classification (ALC) Mapping Page 3 of 3**

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581

Suitability Description: **For Information**

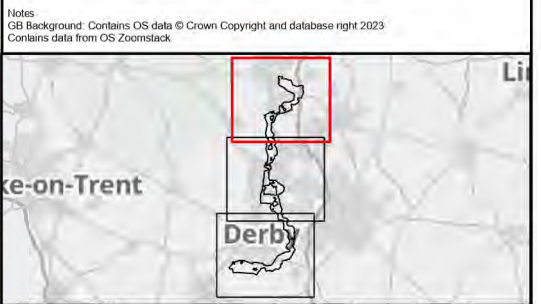
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00059-S2	Revision:	P01
-----------------	------------------------------------	-----------	-----

0 1:65,000 2km



Legend

- Scoping Boundary
- Detailed Agricultural Land Classification**
 - Grade 2
 - Grade 3a
 - Grade 3b
 - Grade 4
 - Other



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

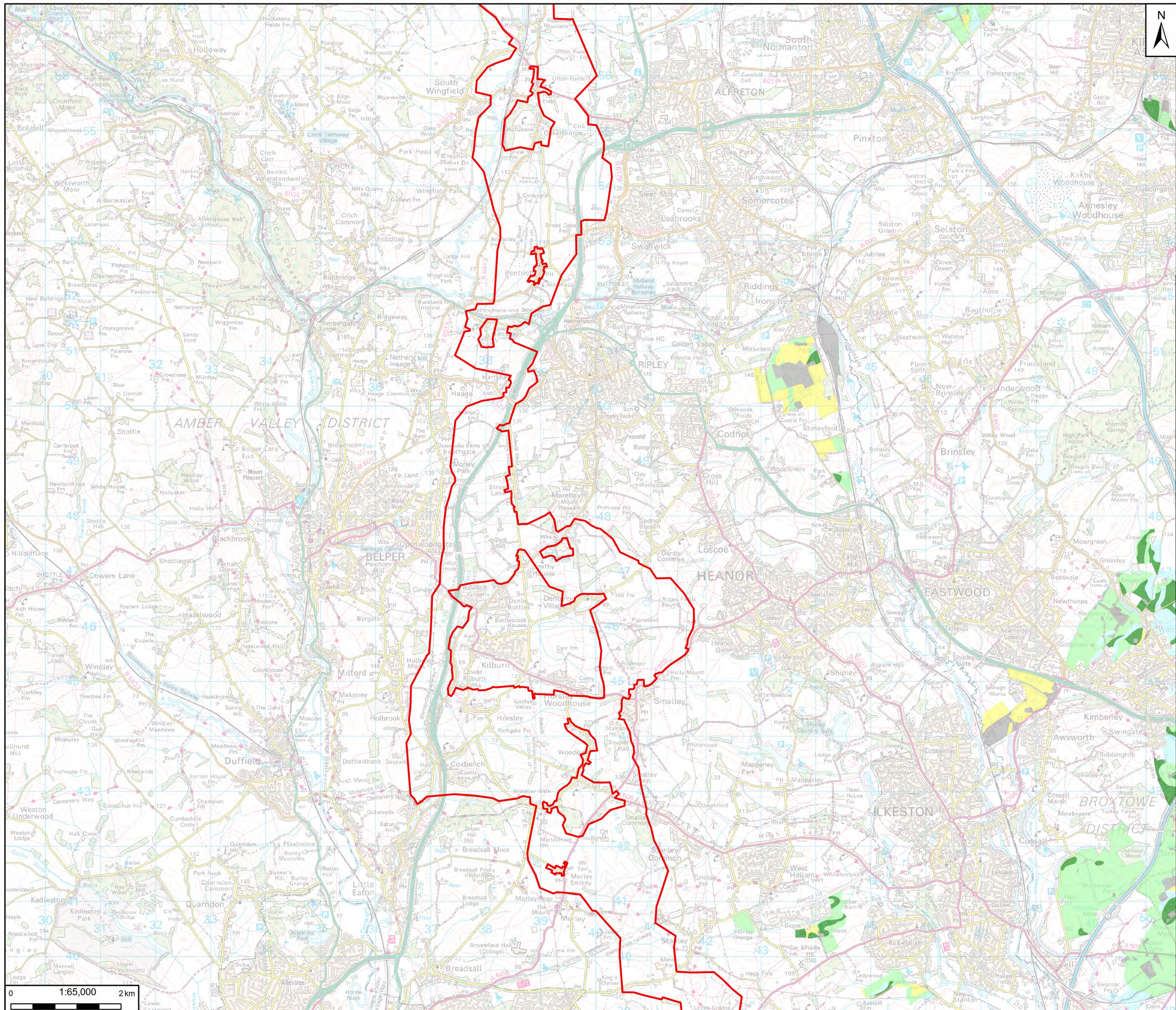
nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: C2WE Client: 1-3 Strand London WC2H 5EH

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Agriculture and Soils Figure 11.3 Detailed Agricultural Land Classification (ALC) Mapping Page 1 of 3

Designed	[Redacted]	
Drawn	[Redacted]	
Checked	[Redacted]	
Approved	[Redacted]	
Scale:	1:65,000	Datum: AOD
Original Size:	A3	Grid: OS
Suitability Code:	S2	Project Number: 30199581
Suitability Description:	For Information	
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00060-S2	Revision: P01

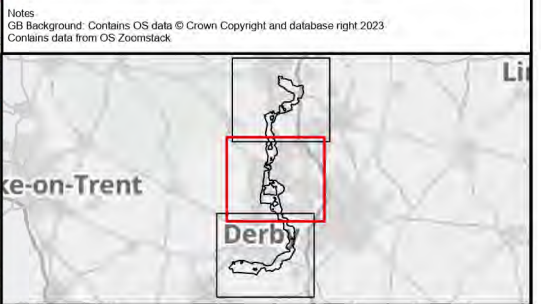


Legend

Scoping Boundary

Detailed Agricultural Land Classification

- Grade 2
- Grade 3a
- Grade 3b
- Grade 4
- Grade 5
- Other



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: **C2WE** Client: **1-3 Strand London WC2N 5EH**

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN

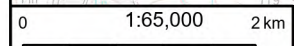
www.arcadis.com

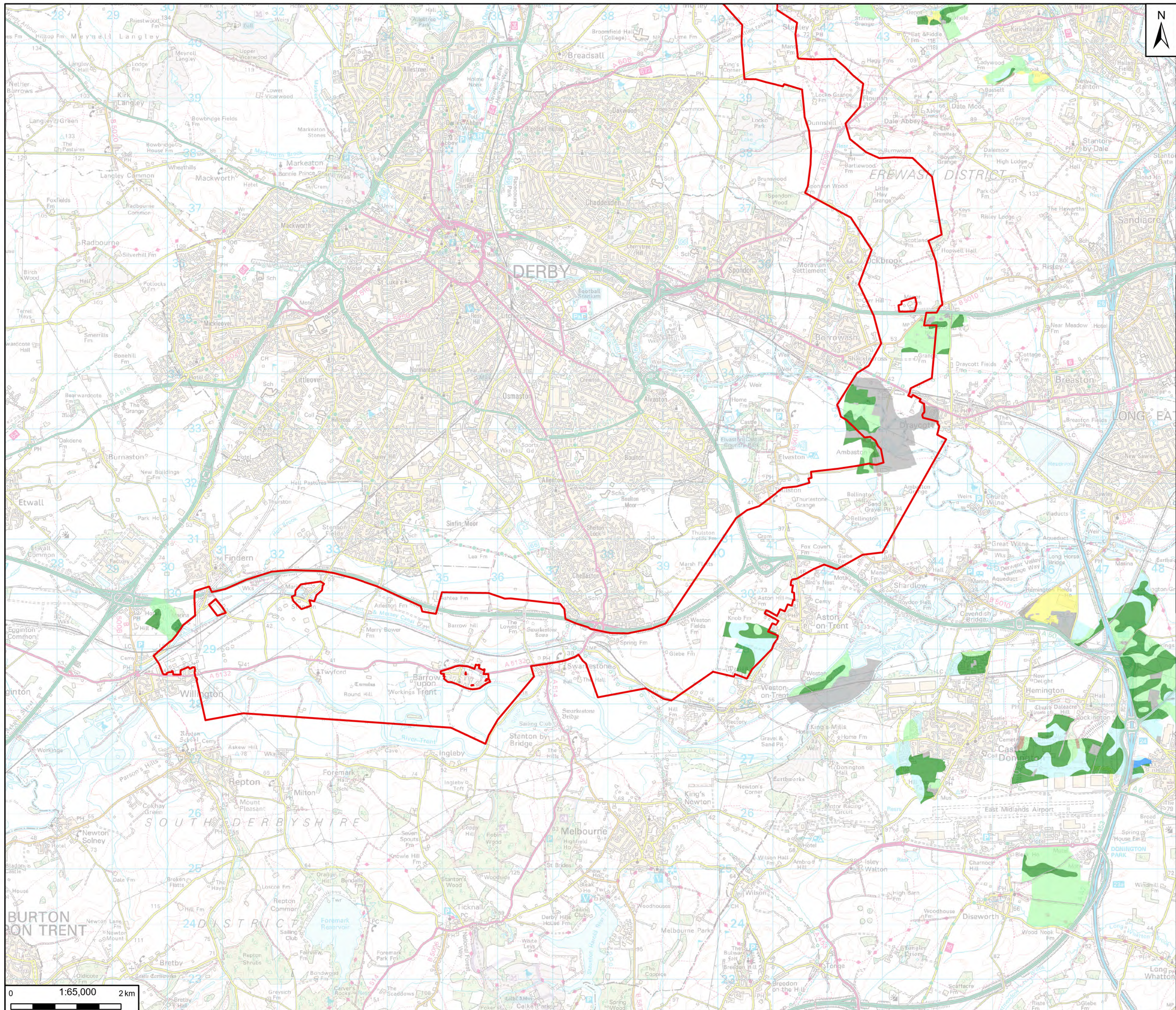
Title: **Agriculture and Soils Figure 11.3 Detailed Agricultural Land Classification (ALC) Mapping Page 2 of 3**

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581

For Information

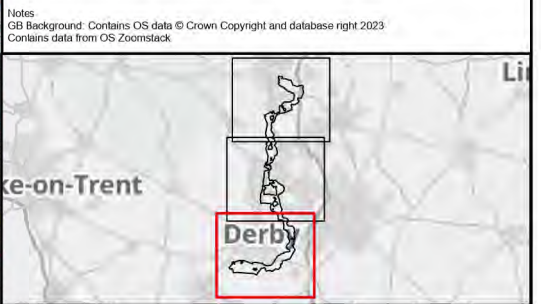
Drawing Number: **30199581-ARC-EGN-ZZ-DR-ZZ-00060-S2** Revision: **P01**





Legend

- Scoping Boundary
- Detailed Agricultural Land Classification**
 - Grade 1
 - Grade 2
 - Grade 3a
 - Grade 3b
 - Grade 4
 - Grade 5
 - Other



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

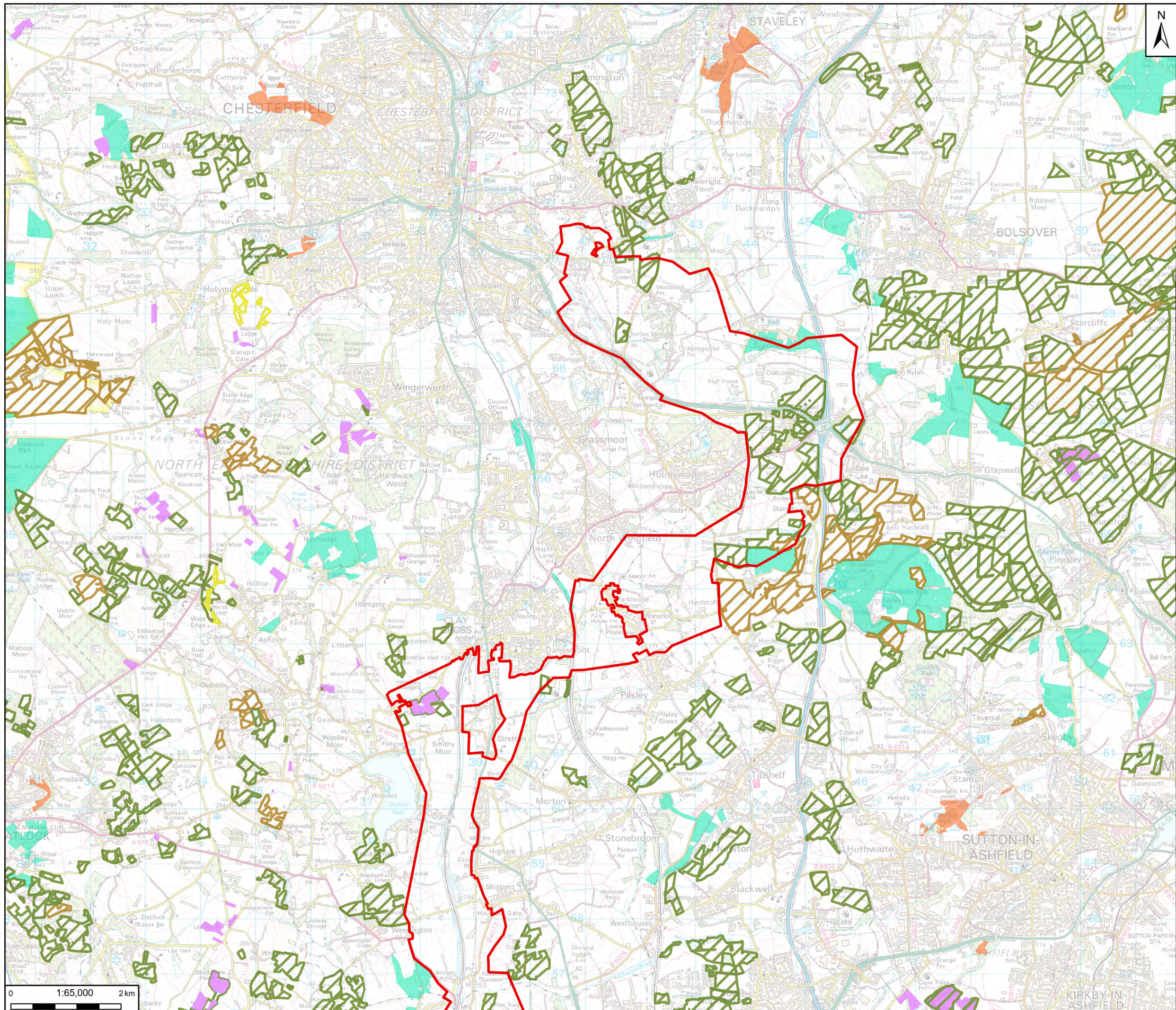
Site: C2WE Client: 1-3 Strand London WC2H 9EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: **Agriculture and Soils Figure 11.3 Detailed Agricultural Land Classification (ALC) Mapping Page 3 of 3**

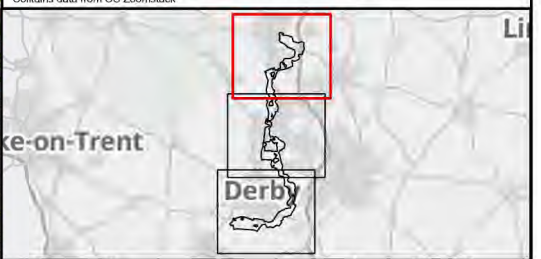
Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00060-S2	Revision:	P01



Legend

- Scoping Boundary
- Countryside Stewardship Agreement Management Areas**
 - CS Capital Grants
 - Higher Tier
 - Mid Tier
 - Woodland Management Plan
- Environmental Stewardship Scheme Agreements**
 - Entry Level plus Higher Level Stewardship
 - Higher Level Stewardship
 - Organic Entry Level plus Higher Level Stewardship

Notes:
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

PROJECT: CHESTERFIELD TO WILLINGTON

nationalgrid

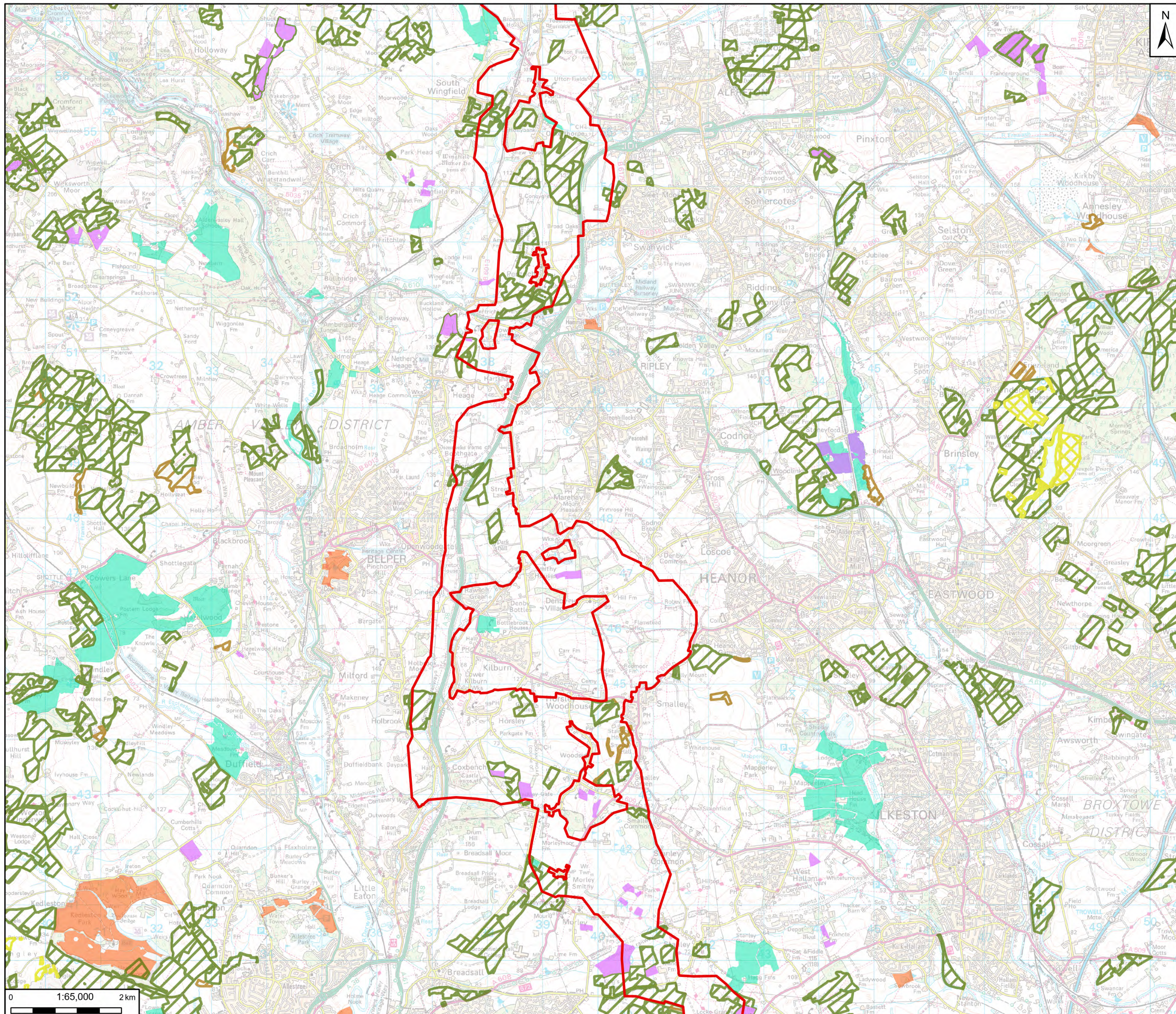
Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Agriculture and Soils
 Figure 11.4
 Agri-Environment Schemes
 Page 1 of 3

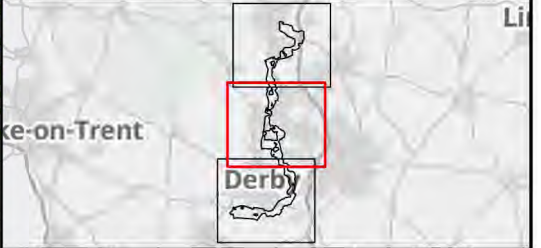
Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00061-S2	Revision:	P01



Legend

- Scoping Boundary
- Countryside Stewardship Agreement Management Areas**
- CS Capital Grants
- Higher Tier
- Mid Tier
- Woodland Management Plan
- Environmental Stewardship Scheme Agreements**
- Entry Level plus Higher Level Stewardship
- Higher Level Stewardship
- Organic Entry Level plus Higher Level Stewardship

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

PROJECT: CHESTERFIELD TO WILLINGTON

nationalgrid

Site: C2WE Client: 1-3 Strand, London WC2N 5EH

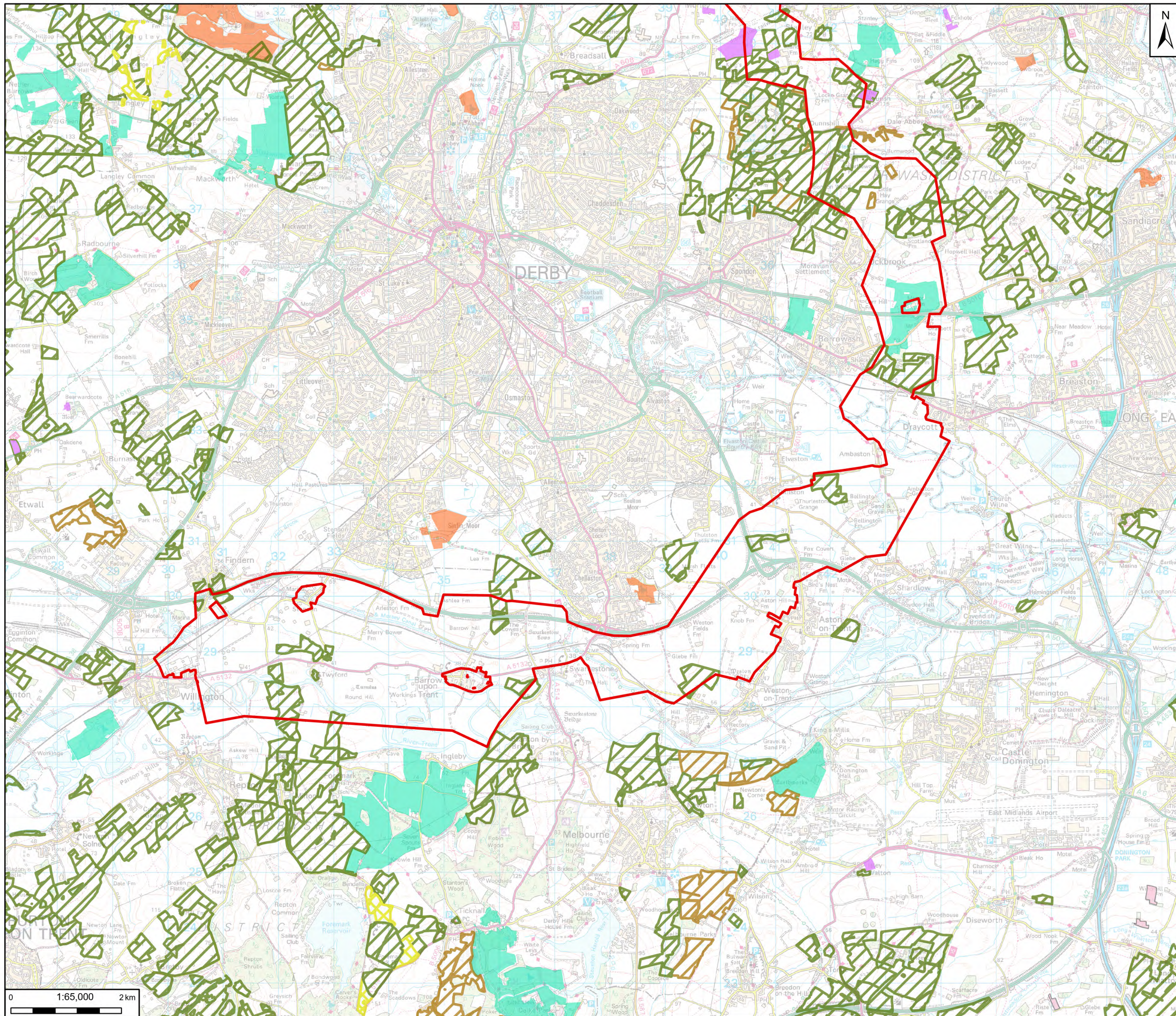
ARCADIS

Registered office: 80 Fenchurch Street, London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN

www.arcadis.com

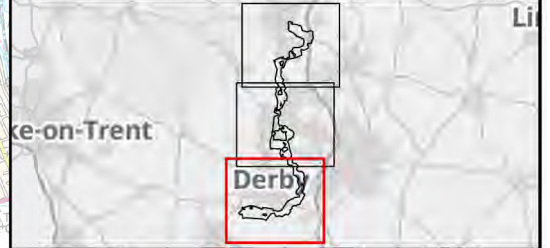
Title: Agriculture and Soils
 Figure 11.4
 Agri-Environment Schemes
 Page 2 of 3

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00061-S2	Revision:	P01



- Legend**
- Scoping Boundary
 - Countryside Stewardship Agreement Management Areas**
 - CS Capital Grants
 - Higher Tier
 - Mid Tier
 - TREE HEALTH RESTORATION
 - Woodland Management Plan
 - Environmental Stewardship Scheme Agreements**
 - Entry Level plus Higher Level Stewardship
 - Higher Level Stewardship
 - Organic Entry Level plus Higher Level Stewardship

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN

www.arcadis.com

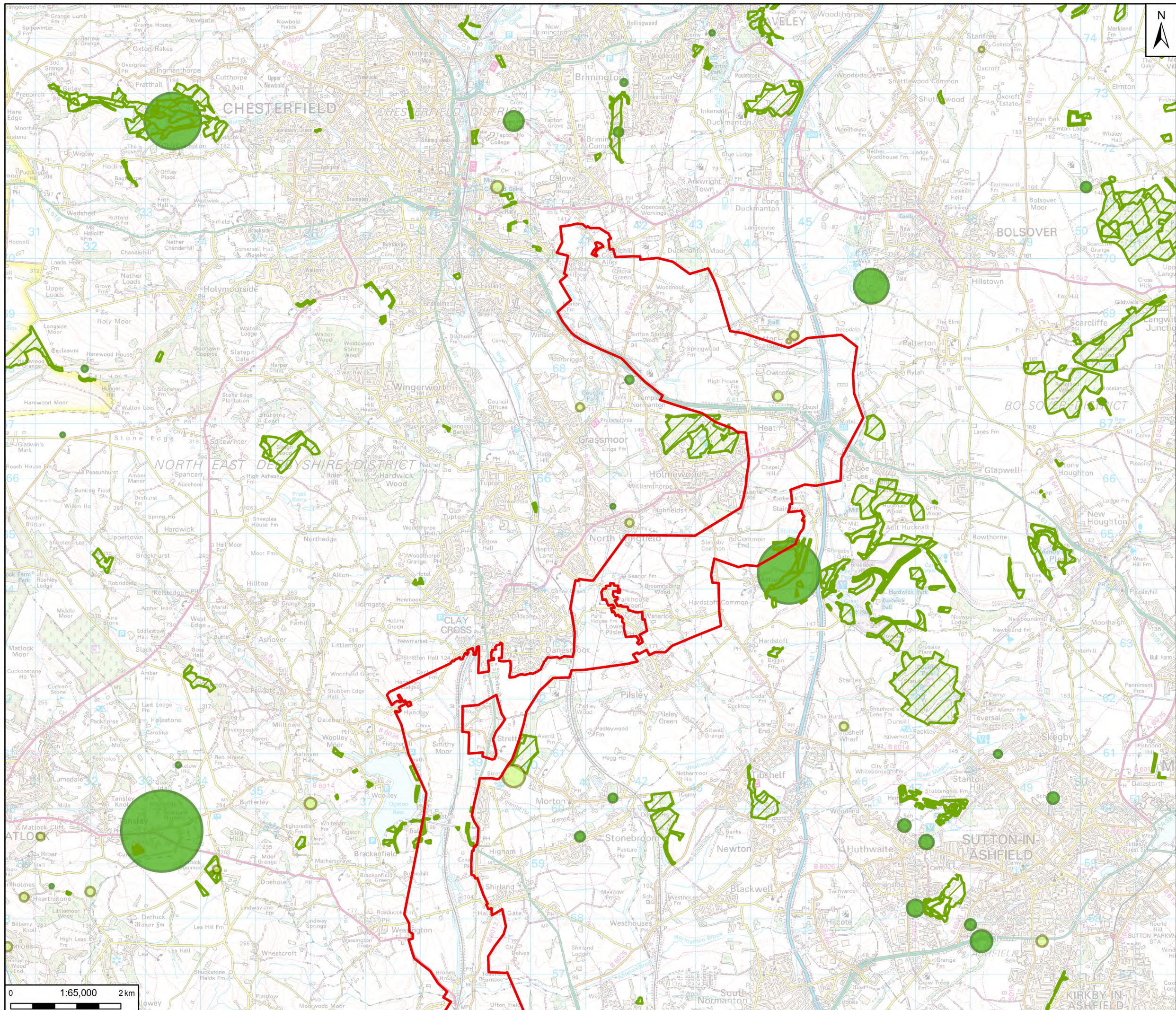
Title: Agriculture and Soils
Figure 11.4
Agri-Environment Schemes
Page 3 of 3

Designed		
Drawn		
Checked		
Approved		
Scale:	1:65,000	Datum: AOD
Original Size:	A3	Grid: OS
Suitability Code:	S2	Project Number: 30199581

Suitability Description: For Information

Drawing Number: 30199581-ARC-EGN-ZZ-DR-ZZ-00061-S2 Revision: P01

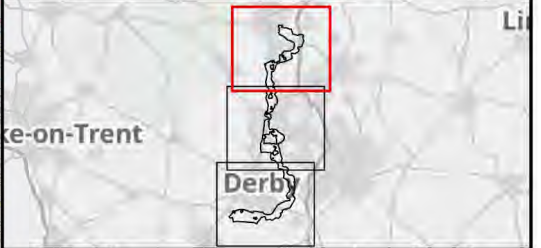
0 1:65,000 2km



Legend

- Scoping Boundary
- Woodland Grant Scheme 1
- Woodland Grant Scheme 2
- Woodland Grant Scheme 3

Notes:
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

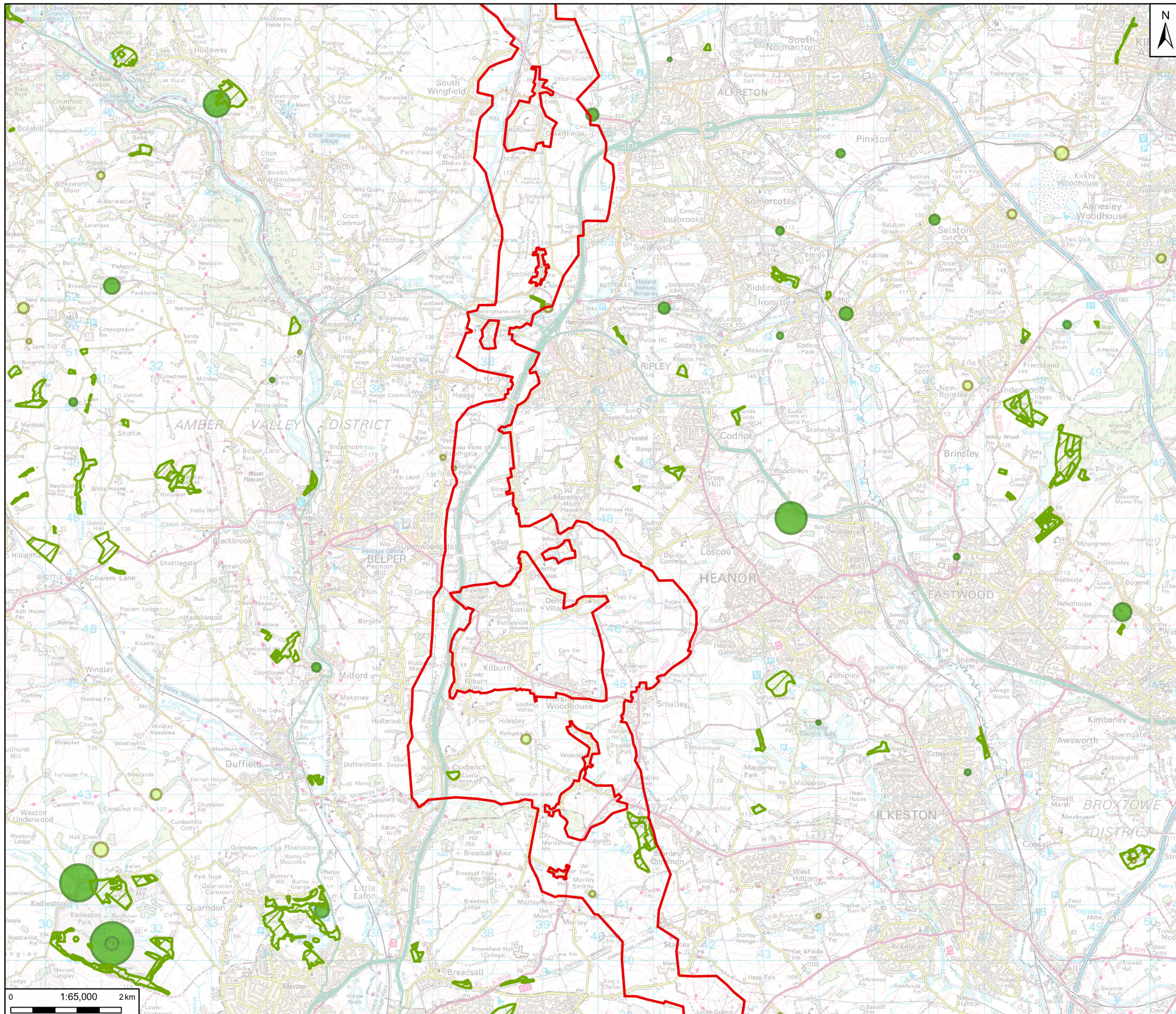
Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Agriculture and Soils
 Figure 11.5
 Woodland and Forestry Schemes
 Page 1 of 3

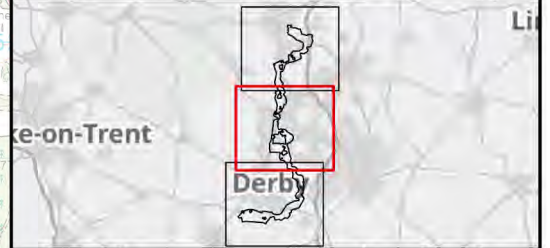
Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00062-S2	Revision:	P01



Legend

- Scoping Boundary
- Woodland Grant Scheme 1
- Woodland Grant Scheme 2
- Woodland Grant Scheme 3

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

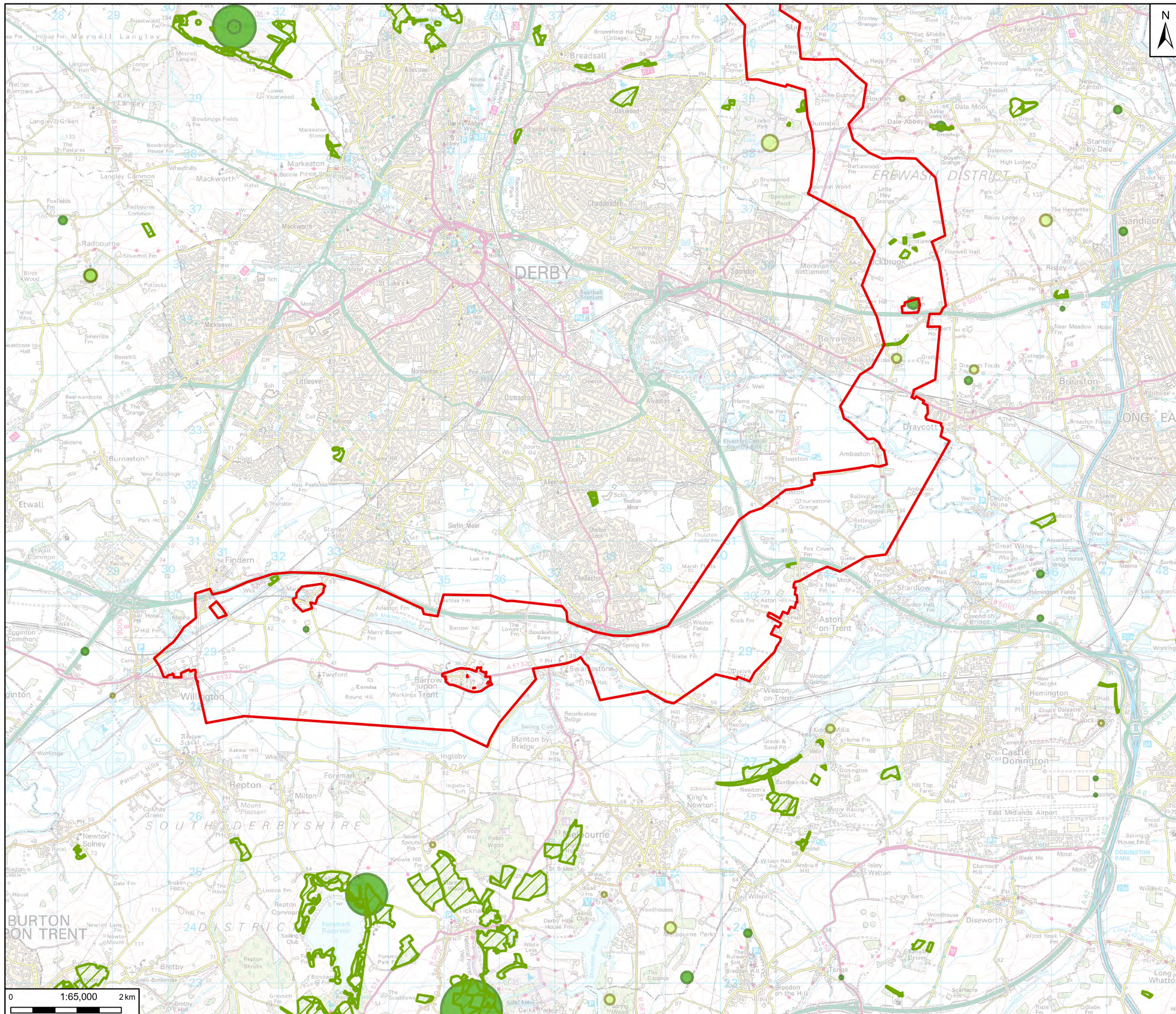
Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN

www.arcadis.com

Title: Agriculture and Soils
 Figure 11.5
 Woodland and Forestry Schemes
 Page 2 of 3

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		

Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00062-S2	Revision:	P01
-----------------	------------------------------------	-----------	-----



- Legend**
- Scoping Boundary
 - Woodland Grant Scheme 1
 - Woodland Grant Scheme 2
 - Woodland Grant Scheme 3

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	SS	BL	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: **C2WE** Client: **1-3 Strand London WC2N 5EH**

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

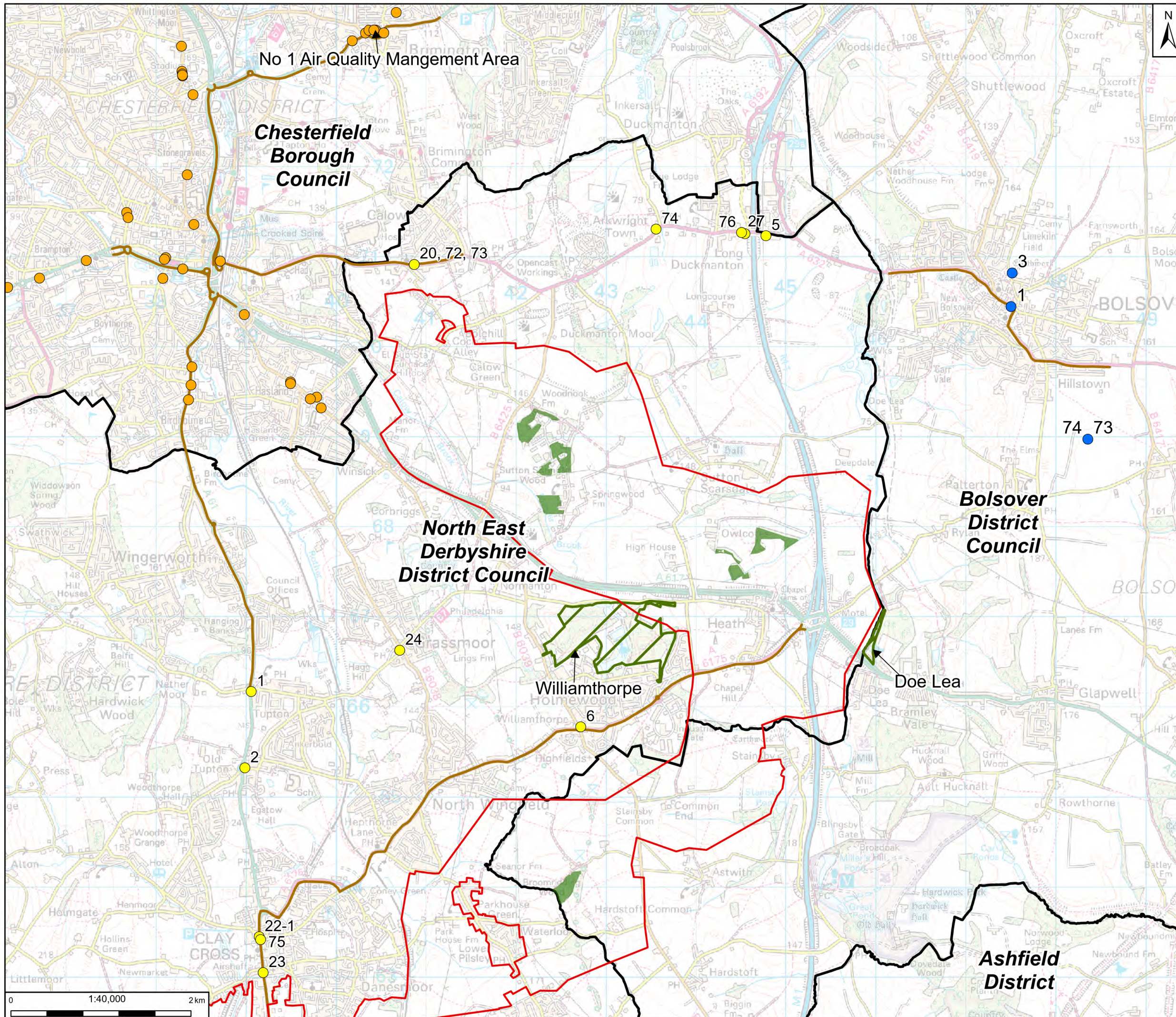
Title: **Agriculture and Soils Figure 11.5 Woodland and Forestry Schemes Page 3 of 3**

Designed			
Drawn			
Checked			
Approved			
Scale:	1:65,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00062-S2	Revision:	P01

13. Air Quality

Figure 13.1

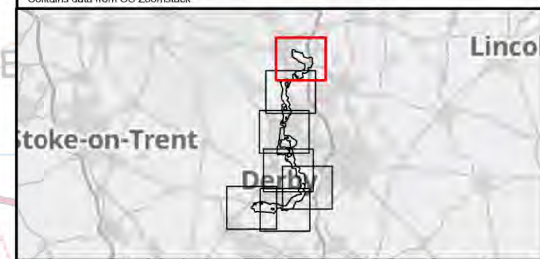
nationalgrid



Legend

- Scoping Boundary
- Local Authority Boundary
- Pollution Climate Mapping Model Links
- Air Quality Management Areas (AQMA)
- Local Authority Monitoring Data
- Bosolver 2022 NO2 Diffusion Tube Monitoring Site
- Chesterfield 2020 Diffusion Tube Monitoring Site
- North East Derbyshire 2022 NO2 Diffusion Tube Monitoring Site
- Designated Sites
- Local Nature Reserves (LNR)
- Ancient Woodland

Notes
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

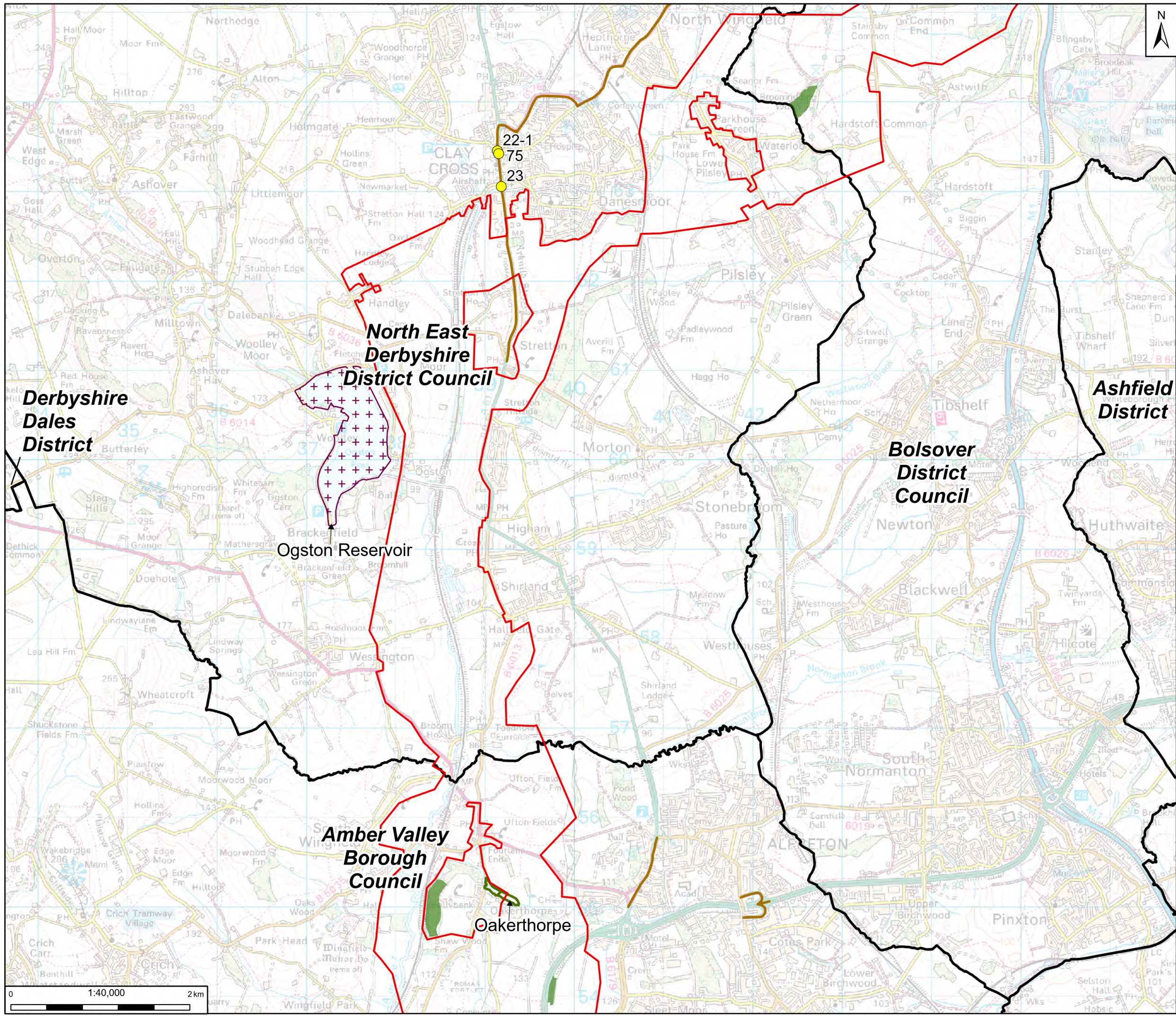
Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Air Quality Figure 13.1
Air Quality Constraints
Page 1 of 7

Designed			
Drawn			
Checked			
Approved			
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision:	P01



Legend

- Scoping Boundary
- Local Authority Boundary
- Pollution Climate
- Mapping Model Links

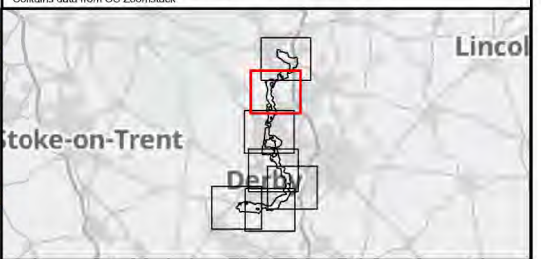
Designated Sites

- Sites of Special Scientific Interest (SSSI)
- Local Nature Reserves (LNR)
- Ancient Woodland

Local Authority Monitoring Data

- North East Derbyshire 2022 NO2 Diffusion Tube Monitoring Site

Notes
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

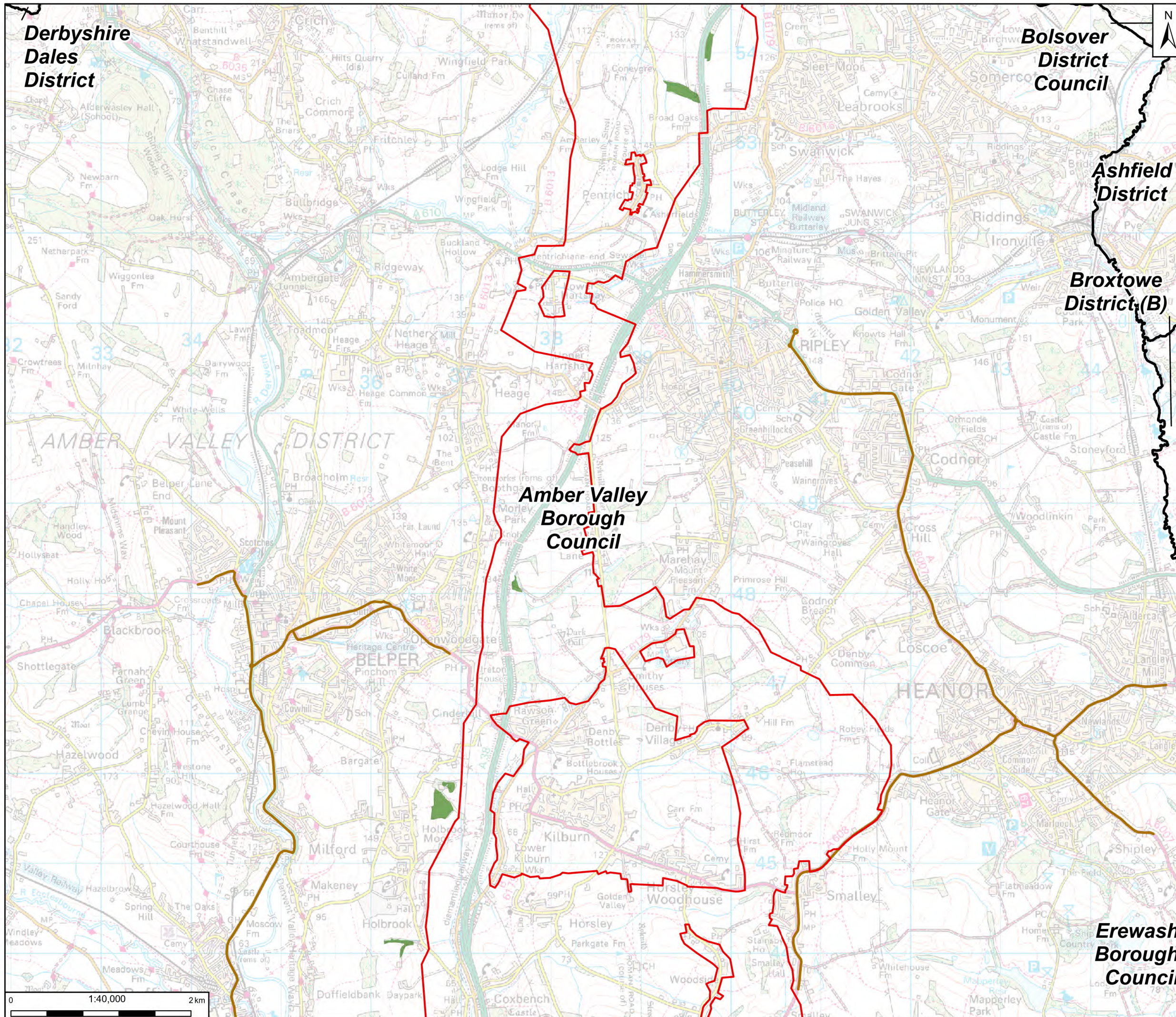
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Air Quality Figure 13.1
Air Quality Constraints Page 2 of 7

Designed			
Drawn			
Checked			
Approved			
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision:	P01



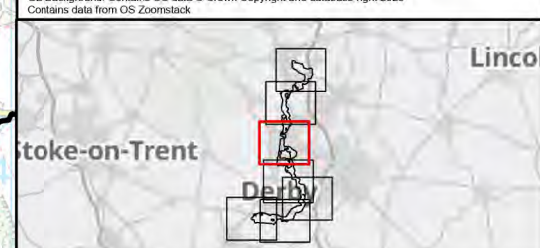
Legend

- Scoping Boundary
- Local Authority Boundary
- Pollution Climate
- Mapping Model Links

Designated Sites

- Ancient Woodland

Notes:
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

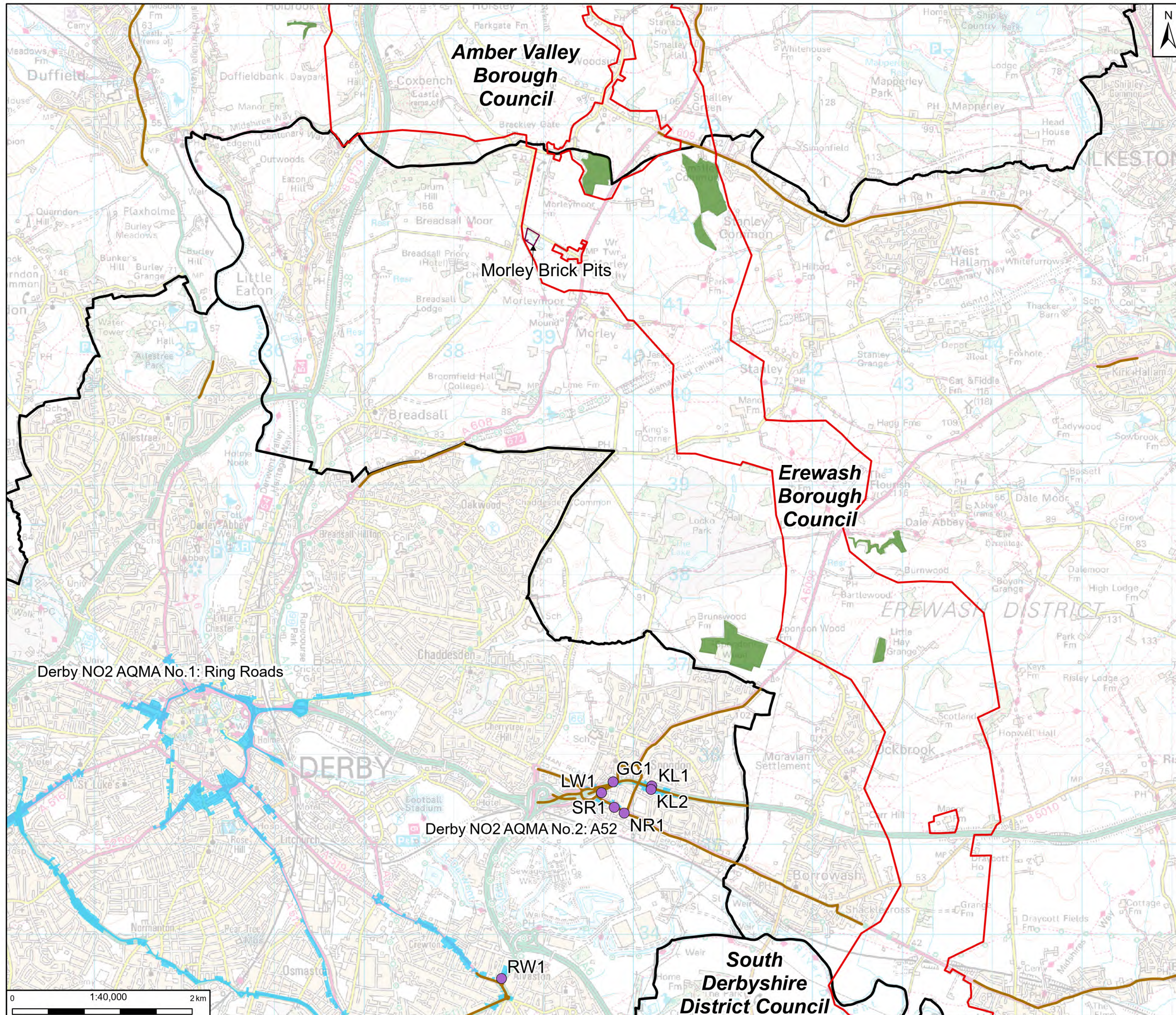
Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

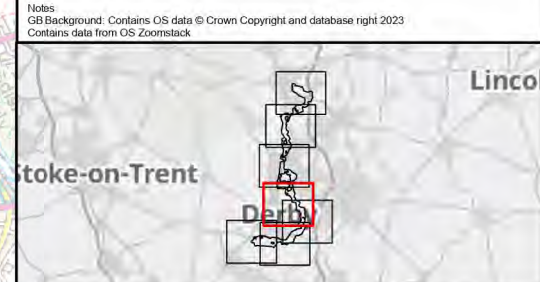
Title: Air Quality Figure 13.1 Air Quality Constraints Page 3 of 7

Designed			
Drawn			
Checked			
Approved			
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision:	P01



Legend

- Scoping Boundary
- Local Authority Boundary
- Pollution Climate Mapping Model Links
- Air Quality Management Areas (AQMAs)
- Derby 2022 NO2 Diffusion Tube and Automatic Monitoring Site
- Designated Sites
 - Sites of Special Scientific Interest (SSSI)
 - Ancient Woodland



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

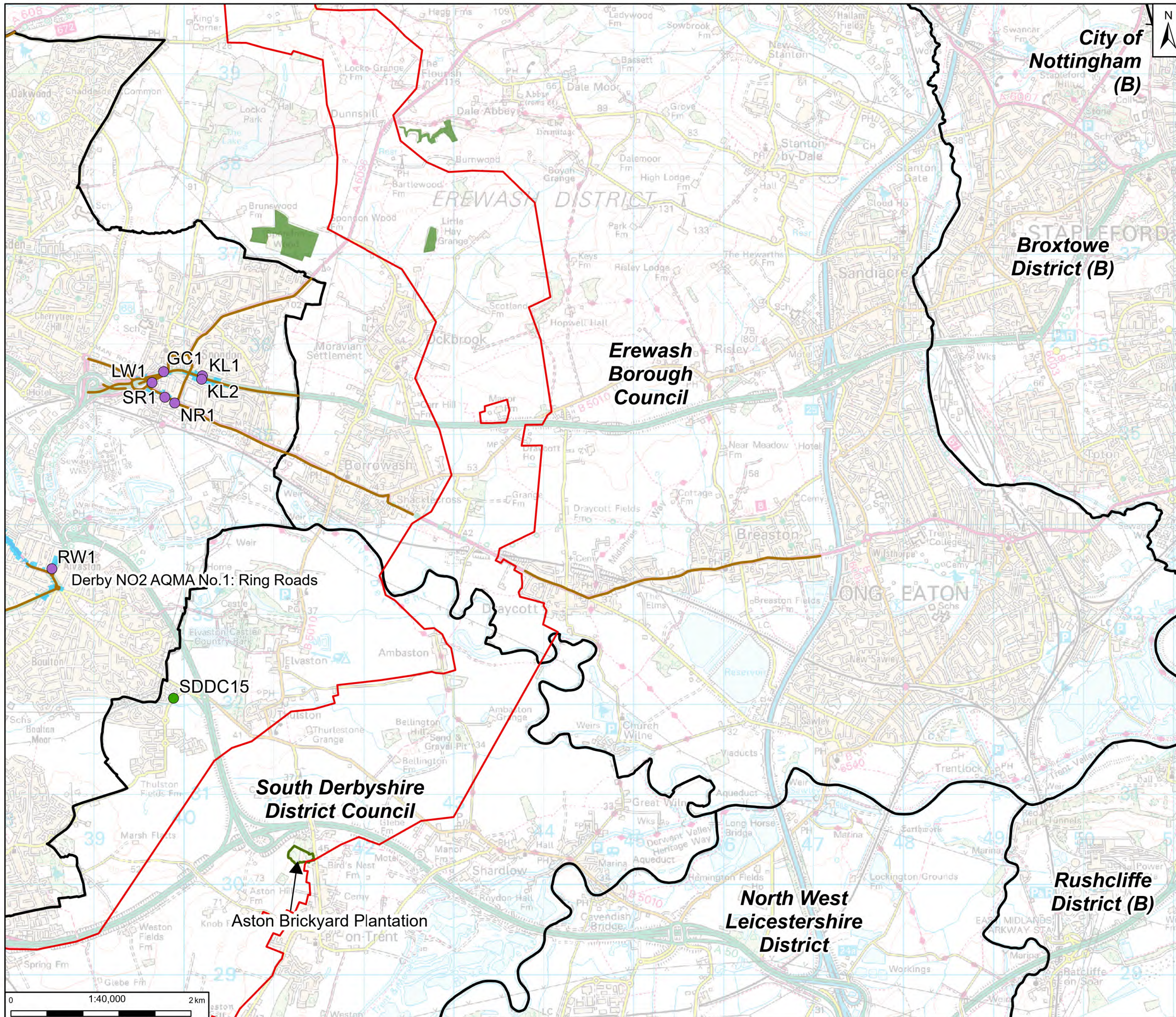
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Air Quality Figure 13.1 Air Quality Constraints Page 4 of 7

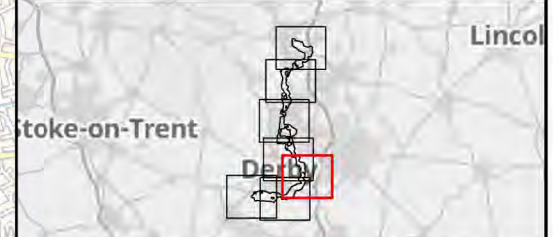
Designed		
Drawn		
Checked		
Approved		
Scale:	1:40,000	Datum: AOD
Original Size:	A3	Grid: OS
Suitability Code:	S2	Project Number: 30199581
Suitability Description:	For Information	
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision: P01



Legend

- Scoping Boundary
- Local Authority Boundary
- Pollution Climate Mapping Model Links
- Air Quality Management Areas (AQMAs)
- Derby 2022 NO2 Diffusion Tube and Automatic Monitoring Site
- South Derbyshire 2022 NO2 Diffusion Tube Monitoring Site
- Designated Sites
 - Local Nature Reserves (LNR)
 - Ancient Woodland

Notes:
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

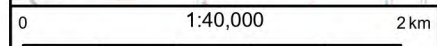
Site: C2WE Client: 1-3 Strand London WC2H 5EH

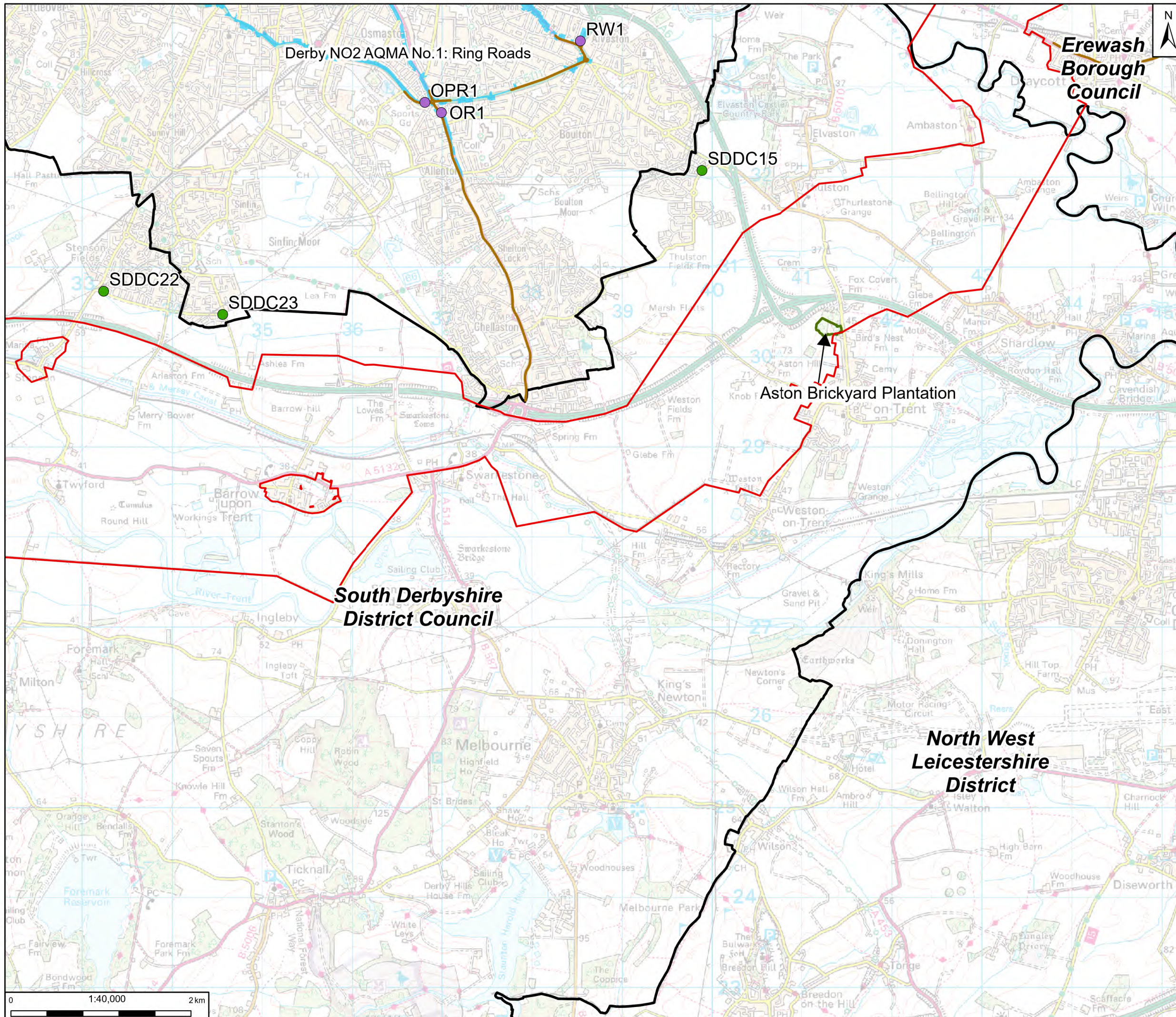
ARCADIS

Registered office: 80 Fenchurch Street, London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Air Quality Figure 13.1
 Air Quality Constraints Page 5 of 7

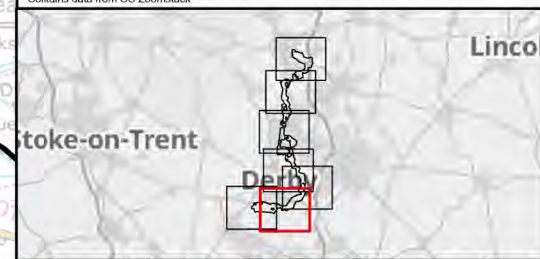
Designed			
Drawn			
Checked			
Approved			
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision:	P01





Legend

- Scoping Boundary
- Local Authority Boundary
- Pollution Climate Mapping Model Links
- Air Quality Management Areas (AQMA)
- Local Authority Monitoring Data
- Derby 2022 NO2 Diffusion Tube and Automatic Monitoring Site
- South Derbyshire 2022 NO2 Diffusion Tube Monitoring Site
- Designated Sites
- Local Nature Reserves (LNR)



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

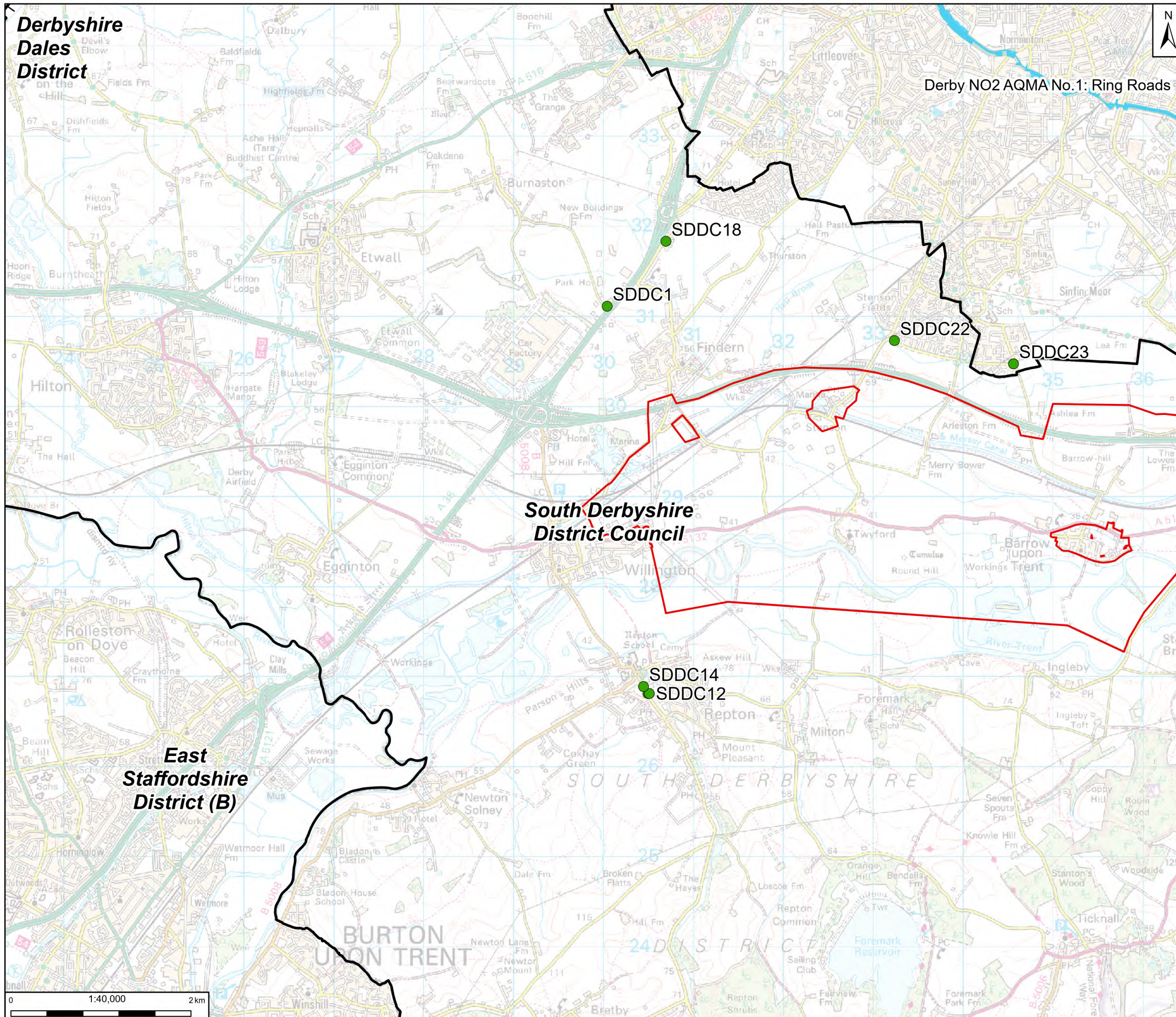
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Air Quality Figure 13.1 Air Quality Constraints Page 6 of 7

Designed			
Drawn			
Checked			
Approved			
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision:	P01



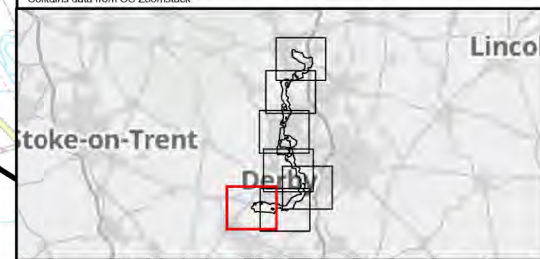
Legend

- Scoping Boundary
- Local Authority Boundary
- Air Quality Management Areas (AQMA)

Local Authority Monitoring Data

- South Derbyshire 2022 NO2 Diffusion Tube Monitoring Site

Notes
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	SS	TW	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

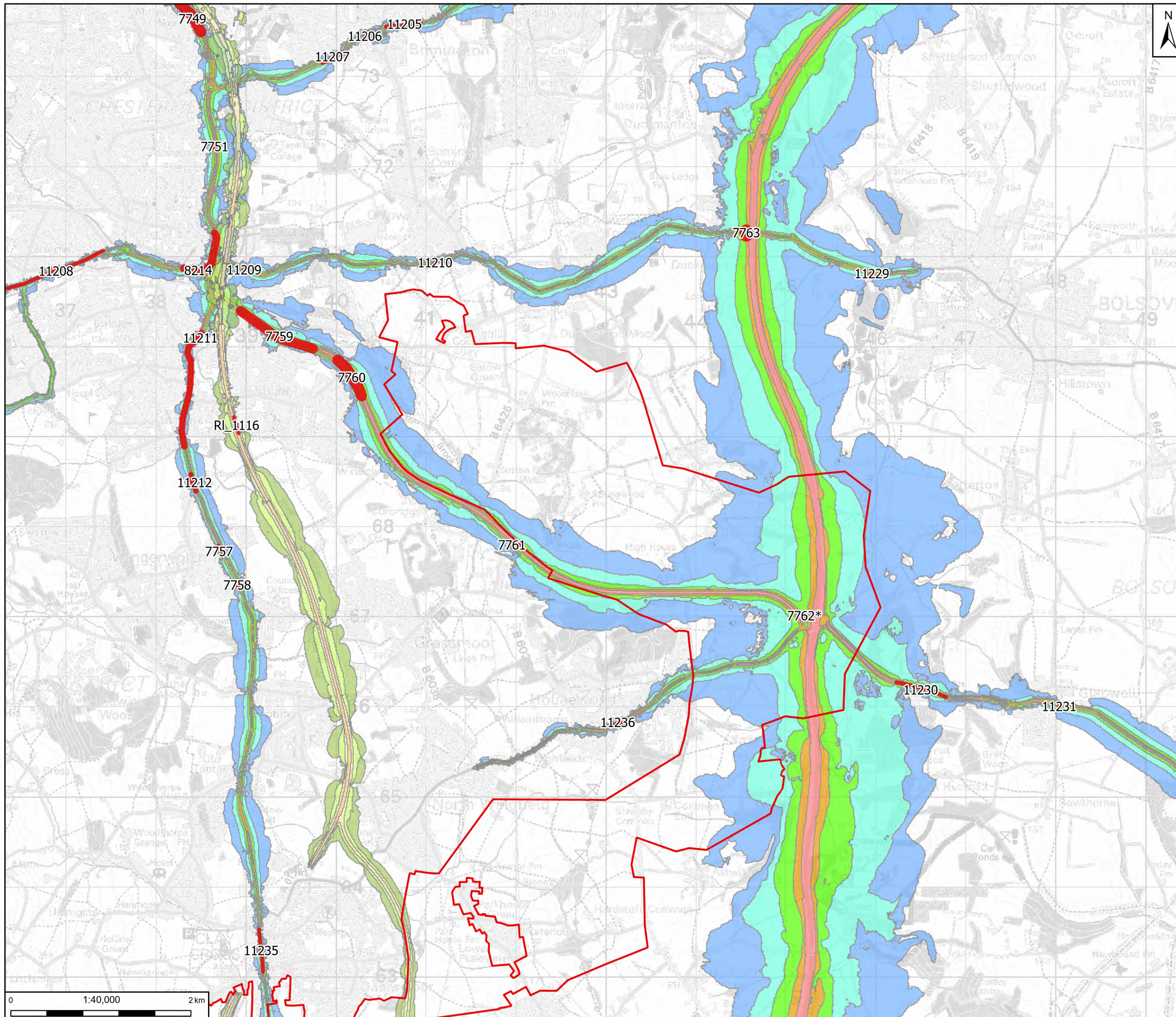
Title: Air Quality Figure 13.1 Air Quality Constraints Page 7 of 7

Designed	[Redacted]	
Drawn	[Redacted]	
Checked	[Redacted]	
Approved	[Redacted]	
Scale:	1:40,000	Datum: AOD
Original Size:	A3	Grid: OS
Suitability Code:	S2	Project Number: 30199581
Suitability Description:	For Information	
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00063-S2	Revision: P01

14. Noise and Vibration

Figure 14.1

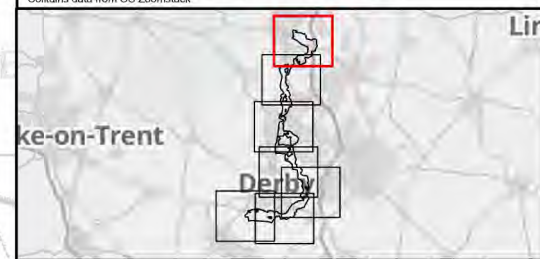
nationalgrid



Legend

- Scoping Boundary
- Noise Important Areas
- Defra Noise Data (Rail, Day)**
 - >=75.0 LAeq, 16h
 - 70.0-74.9 LAeq, 16h
 - 65.0-69.9 LAeq, 16h
 - 60.0-64.9 LAeq, 16h
 - 55.0-59.9 LAeq, 16h
- Defra Noise Data (Road, Day)**
 - >=75.0 LAeq, 16h
 - 70.0-74.9 LAeq, 16h
 - 65.0-69.9 LAeq, 16h
 - 60.0-64.9 LAeq, 16h
 - 55.0-59.9 LAeq, 16h

Notes
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

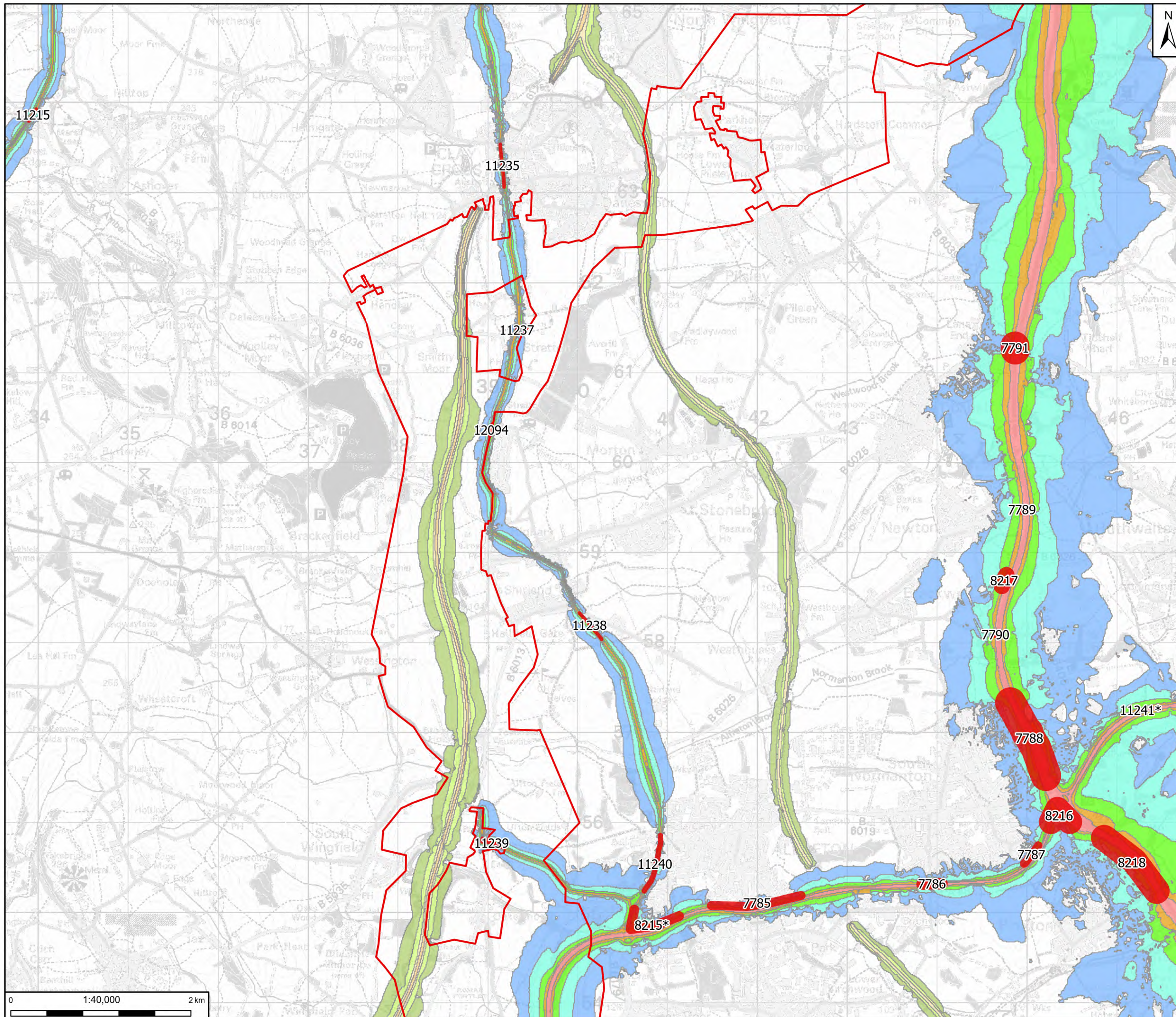
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Noise and Vibration Figure 14.1 Scoping Area and Receptors Page 1 of 7

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01



Legend

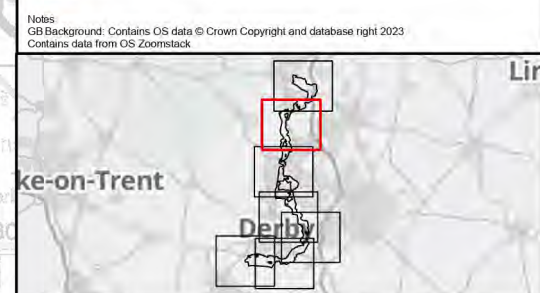
- Scoping Boundary
- Noise Important Areas

Defra Noise Data (Rail, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h

Defra Noise Data (Road, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h



Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

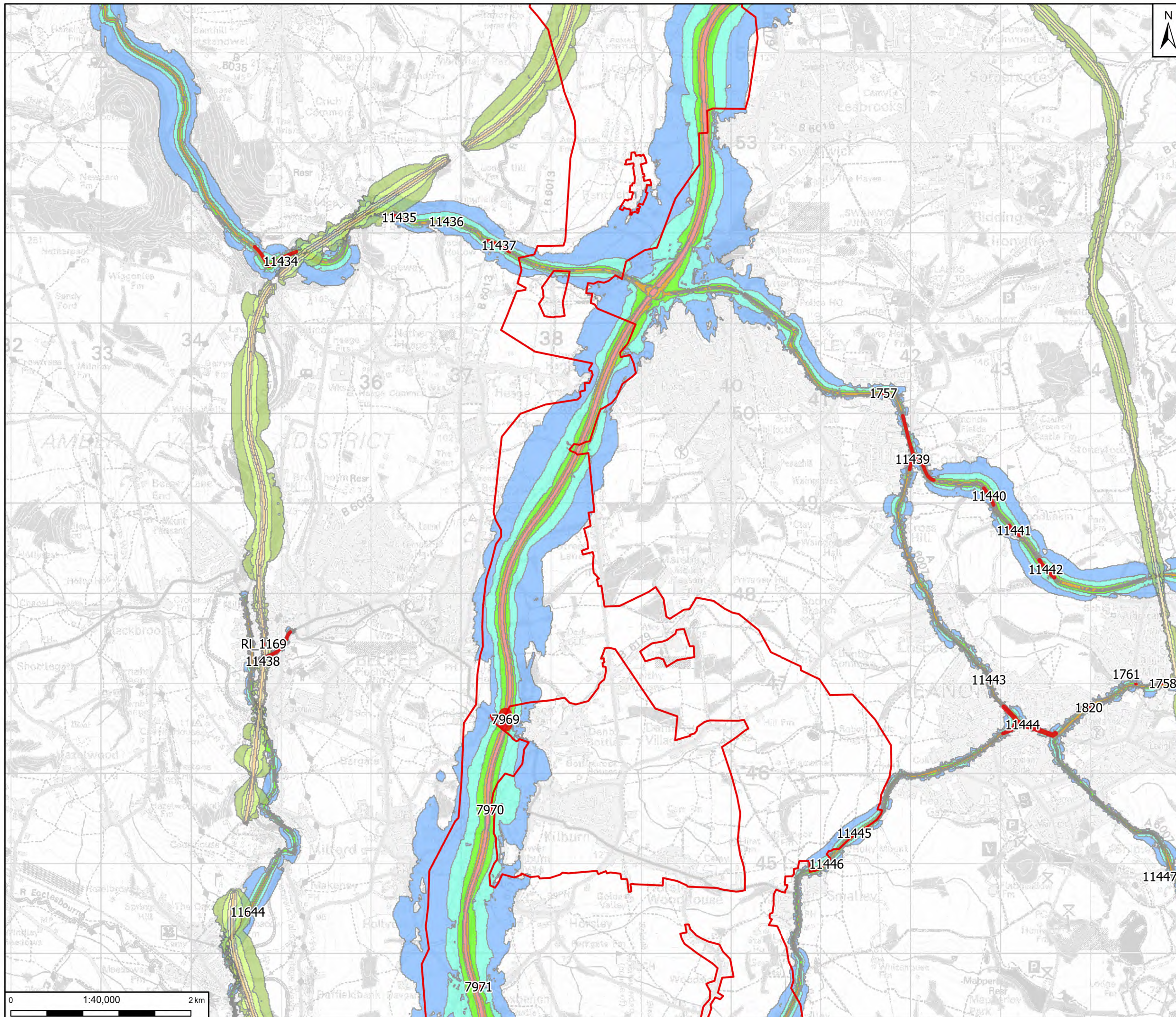
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: **Noise and Vibration Figure 14.1 Scoping Area and Receptors Page 2 of 7**

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01



Legend

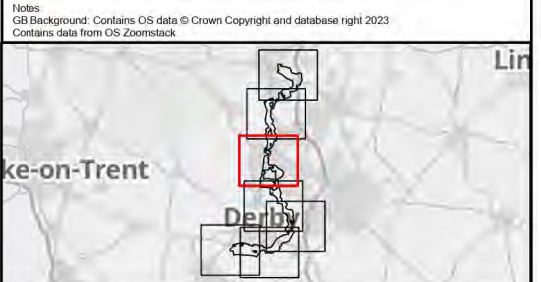
- Scoping Boundary
- Noise Important Areas

Defra Noise Data (Rail, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h

Defra Noise Data (Road, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h



Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

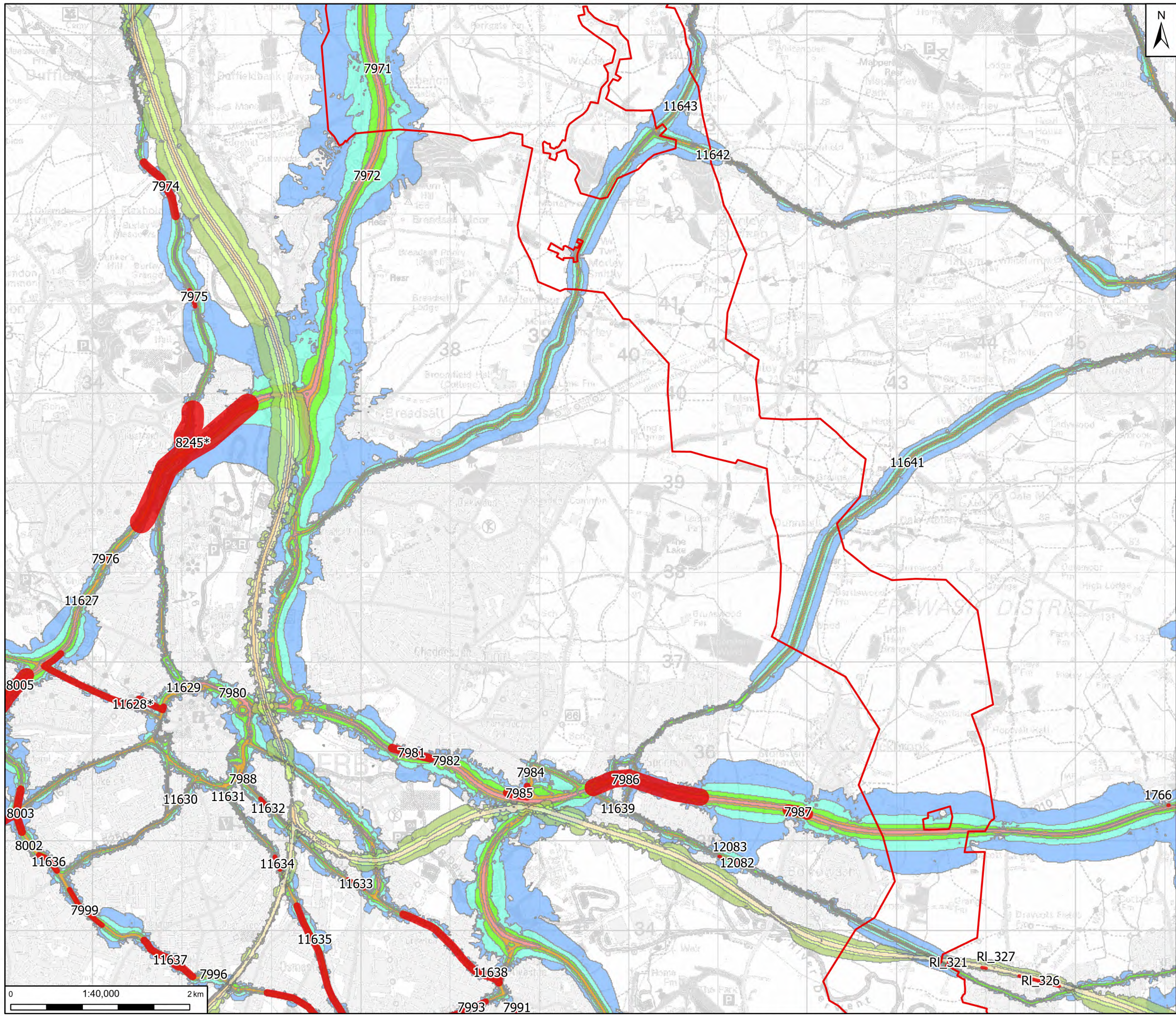
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Noise and Vibration Figure 14.1 Scoping Area and Receptors Page 3 of 7

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01



Legend

- Scoping Boundary
- Noise Important Areas

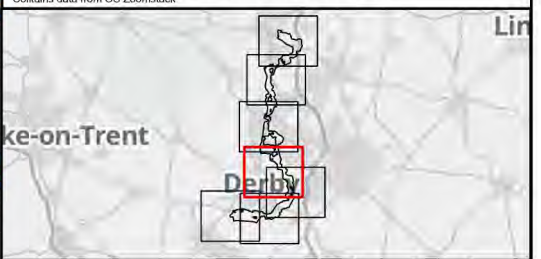
Defra Noise Data (Rail, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h

Defra Noise Data (Road, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

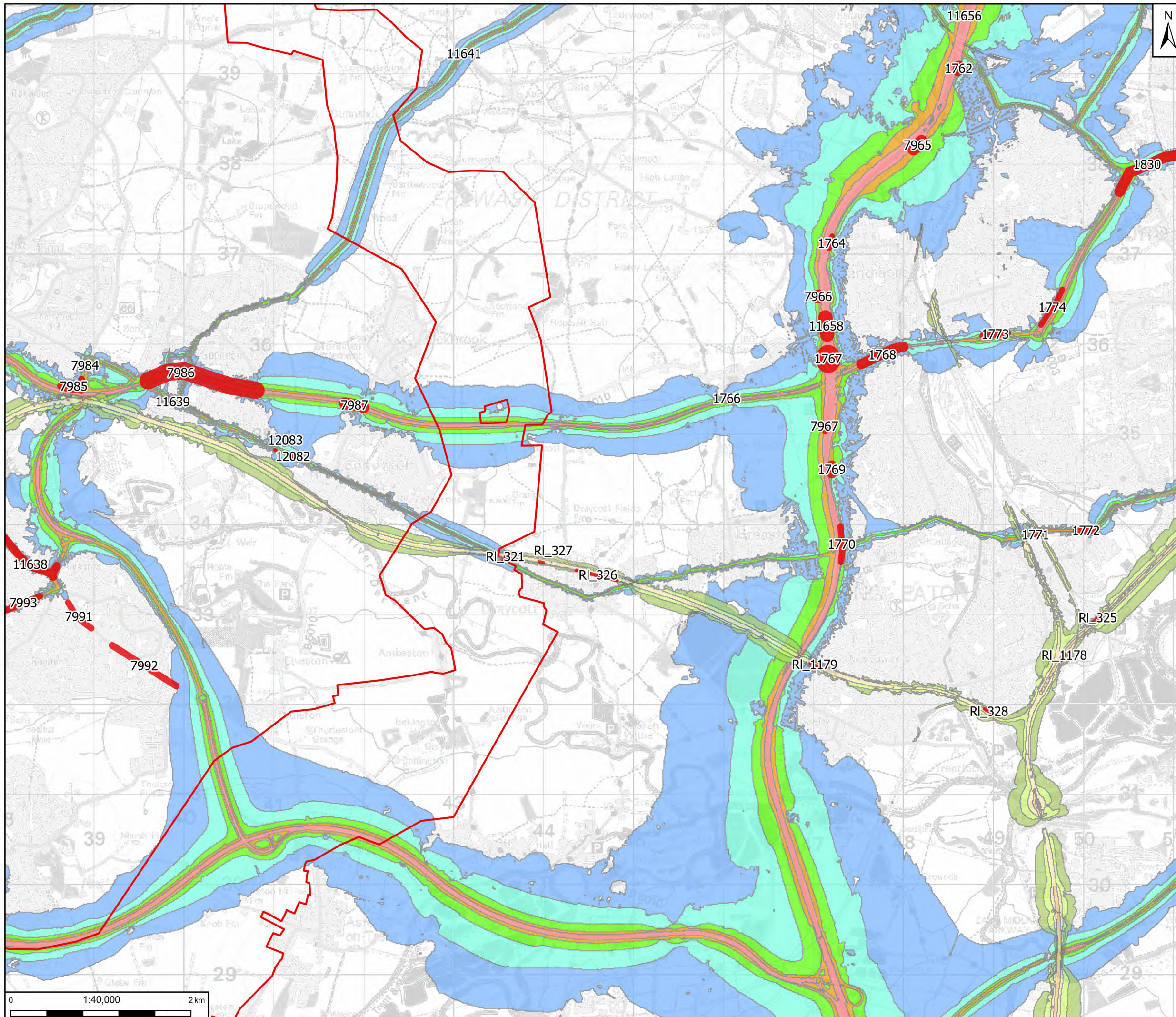
Site: C2WE Client: 1-3 Strand London WC2H 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Noise and Vibration
Figure 14.1
Scoping Area and Receptors
Page 4 of 7

Designed			
Drawn			
Checked			
Approved			
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01



Legend

- Scoping Boundary
- Noise Important Areas

Defra Noise Data (Rail, Day)

- >=75.0 L_{Aeq}, 16h
- 70.0-74.9 L_{Aeq}, 16h
- 65.0-69.9 L_{Aeq}, 16h
- 60.0-64.9 L_{Aeq}, 16h
- 55.0-59.9 L_{Aeq}, 16h

Defra Noise Data (Road, Day)

- >=75.0 L_{Aeq}, 16h
- 70.0-74.9 L_{Aeq}, 16h
- 65.0-69.9 L_{Aeq}, 16h
- 60.0-64.9 L_{Aeq}, 16h
- 55.0-59.9 L_{Aeq}, 16h

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

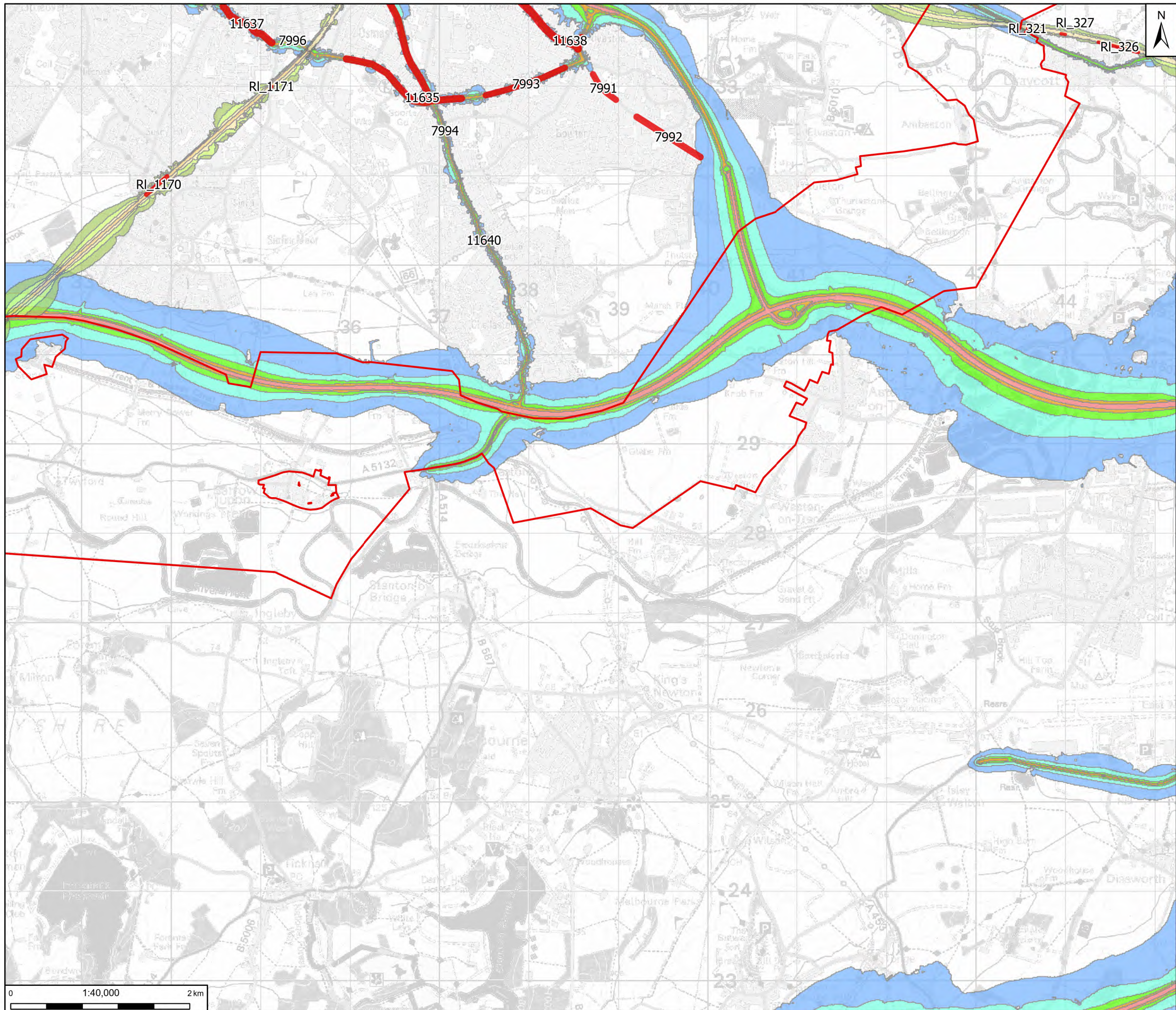
nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

Site: C2WE Client: 1-3 Strand London WC2H 5EH

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Noise and Vibration Figure 14.1 Scoping Area and Receptors Page 5 of 7

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01



Legend

- Scoping Boundary
- Noise Important Areas

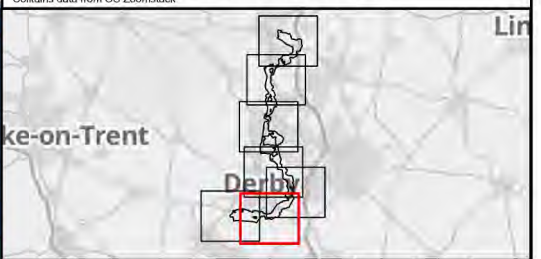
Defra Noise Data (Rail, Day)

- >=75.0 L_{Aeq}, 16h
- 70.0-74.9 L_{Aeq}, 16h
- 65.0-69.9 L_{Aeq}, 16h
- 60.0-64.9 L_{Aeq}, 16h
- 55.0-59.9 L_{Aeq}, 16h

Defra Noise Data (Road, Day)

- >=75.0 L_{Aeq}, 16h
- 70.0-74.9 L_{Aeq}, 16h
- 65.0-69.9 L_{Aeq}, 16h
- 60.0-64.9 L_{Aeq}, 16h
- 55.0-59.9 L_{Aeq}, 16h

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

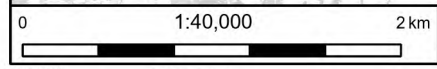
Site: C2WE Client: 1-3 Strand London WC2H 5EH

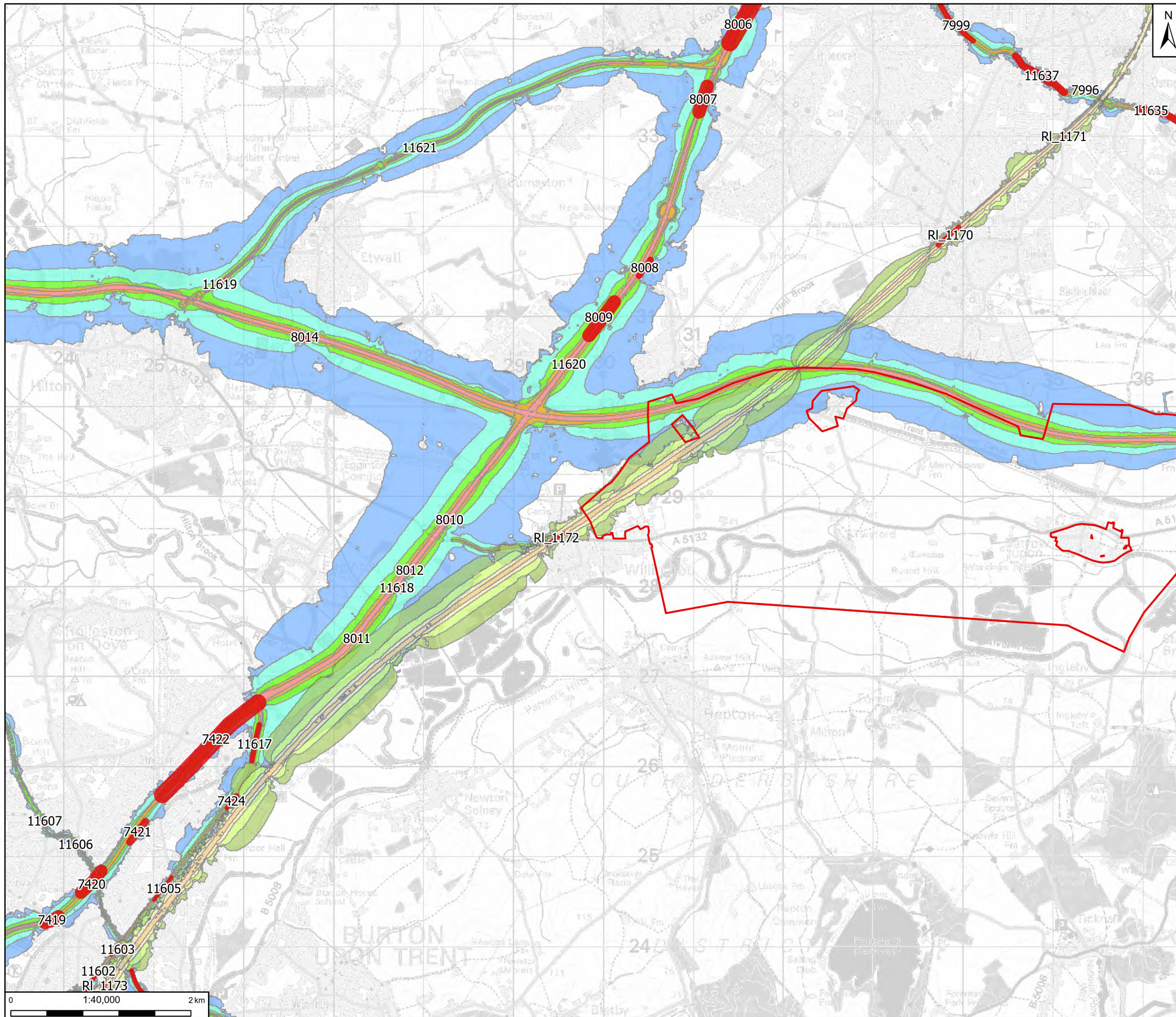
ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: Noise and Vibration Figure 14.1 Scoping Area and Receptors Page 6 of 7

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description: For Information			
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01





Legend

- Scoping Boundary
- Noise Important Areas

Defra Noise Data (Rail, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h

Defra Noise Data (Road, Day)

- >=75.0 LAeq, 16h
- 70.0-74.9 LAeq, 16h
- 65.0-69.9 LAeq, 16h
- 60.0-64.9 LAeq, 16h
- 55.0-59.9 LAeq, 16h

Notes:
GB Background: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

Rev	Date	Description	Drawn	Check	Approv
01	09/04/24	INITIAL ISSUE	SS	PT	MW

Client:

nationalgrid PROJECT: CHESTERFIELD TO WILLINGTON

Site: C2WE Client: 1-3 Strand London WC2N 5EH

ARCADIS

Registered office: 80 Fenchurch Street London EC3M 4BY
Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

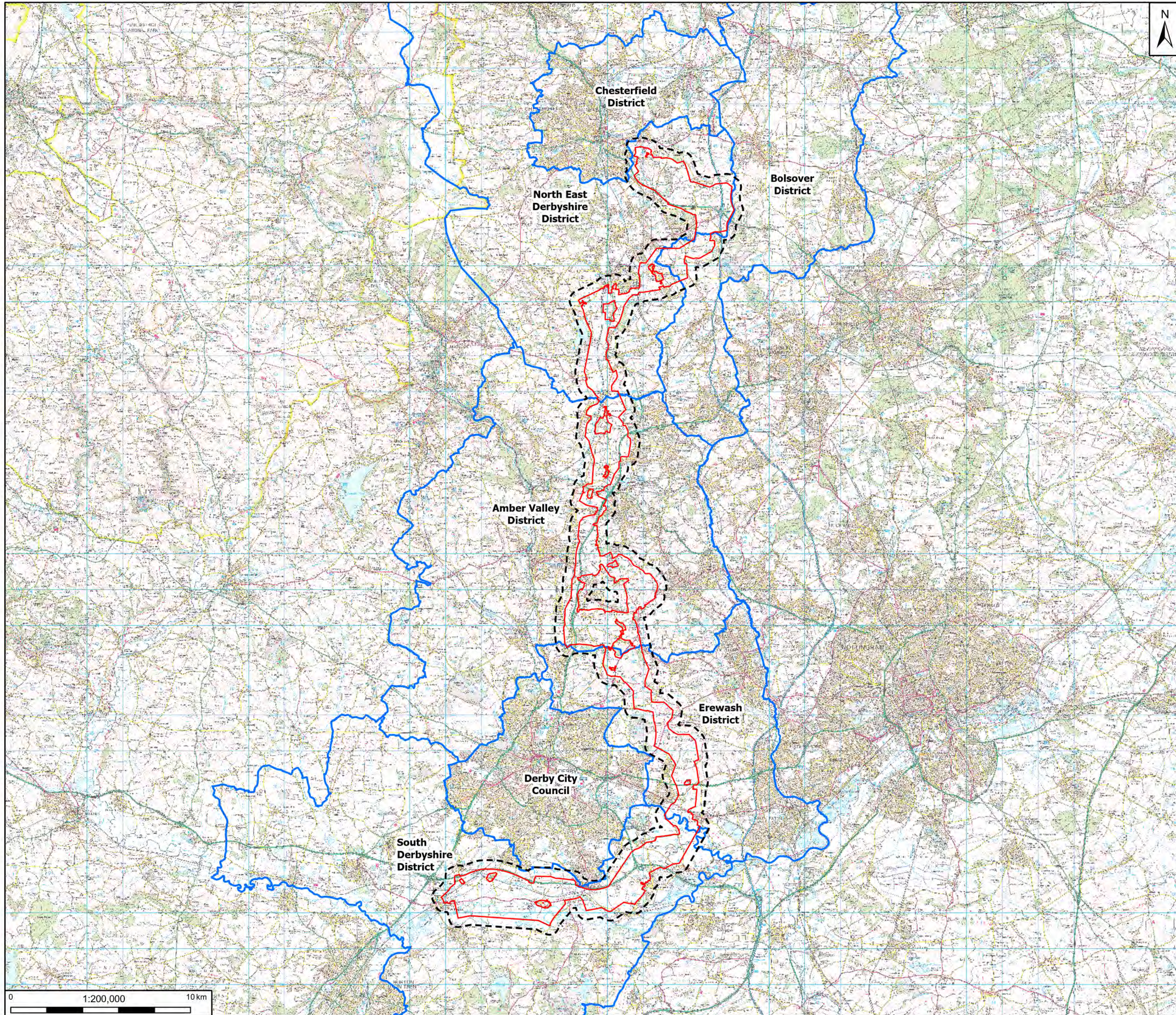
Title: Noise and Vibration Figure 14.1 Scoping Area and Receptors Page 7 of 7

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:40,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		
Drawing Number:	30199581-ARC-EGN-ZZ-DR-ZZ-00064-S2	Revision:	P01

15. Socio- economics, Recreation and Tourism

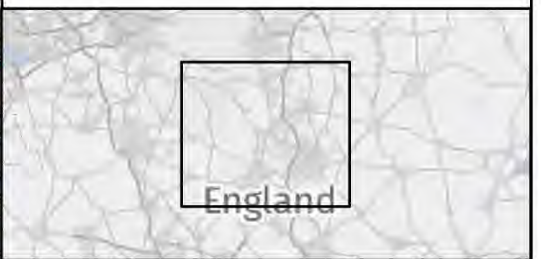
Figure 15.1 to Figure 15.2

nationalgrid



- Legend**
- Scoping Boundary / Local Study Area
 - 500m Study Area
 - Wider Study Area

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	16/10/24	INITIAL ISSUE	IS	SS	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site _____ **Client** _____
 CZWE 1-3 Strand
 London WC2N 5EH

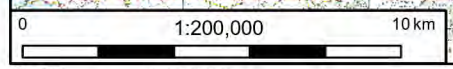
ARCADIS

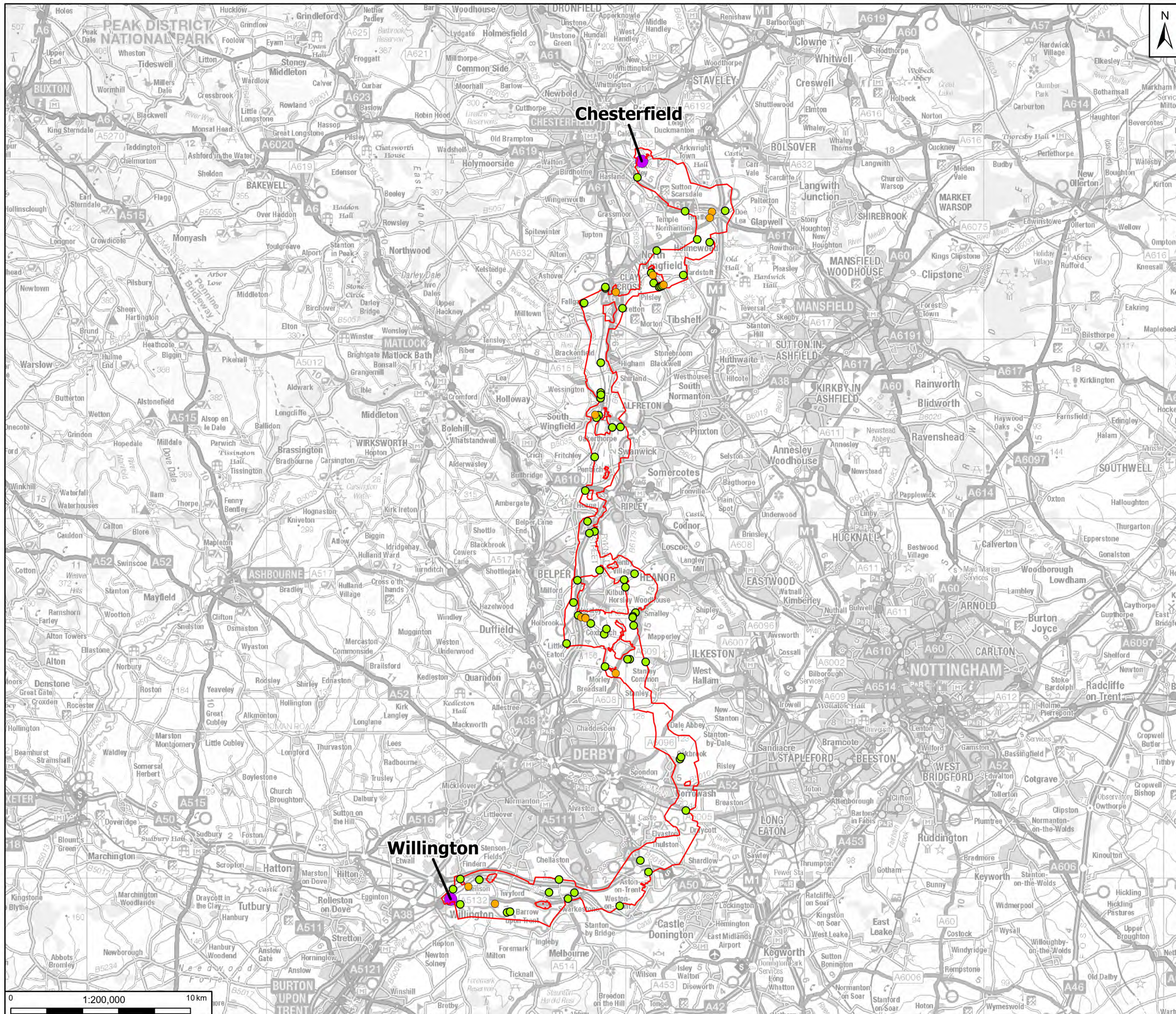
Registered office: 80 Fenchurch Street, London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title:
 Socio-economics, Recreation and Tourism
 Figure 15.1
 Study Area

Designed	[Redacted]		
Drawn	[Redacted]		
Checked	[Redacted]		
Approved	[Redacted]		
Scale:	1:200,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581

Suitability Description: For Information





Legend

- Scoping Boundary
- Existing Substation
- Community Facility
- Business, Recreation and Tourism Asset

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	26/09/24	INITIAL ISSUE	IS	SS	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: **CZWE** Client: **1-3 Strand London WC2N 5EH**

ARCADIS

Registered office: 80 Fenchurch Street, London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: **Socio-economics, Recreation and Tourism Figure 15.2 Receptors**

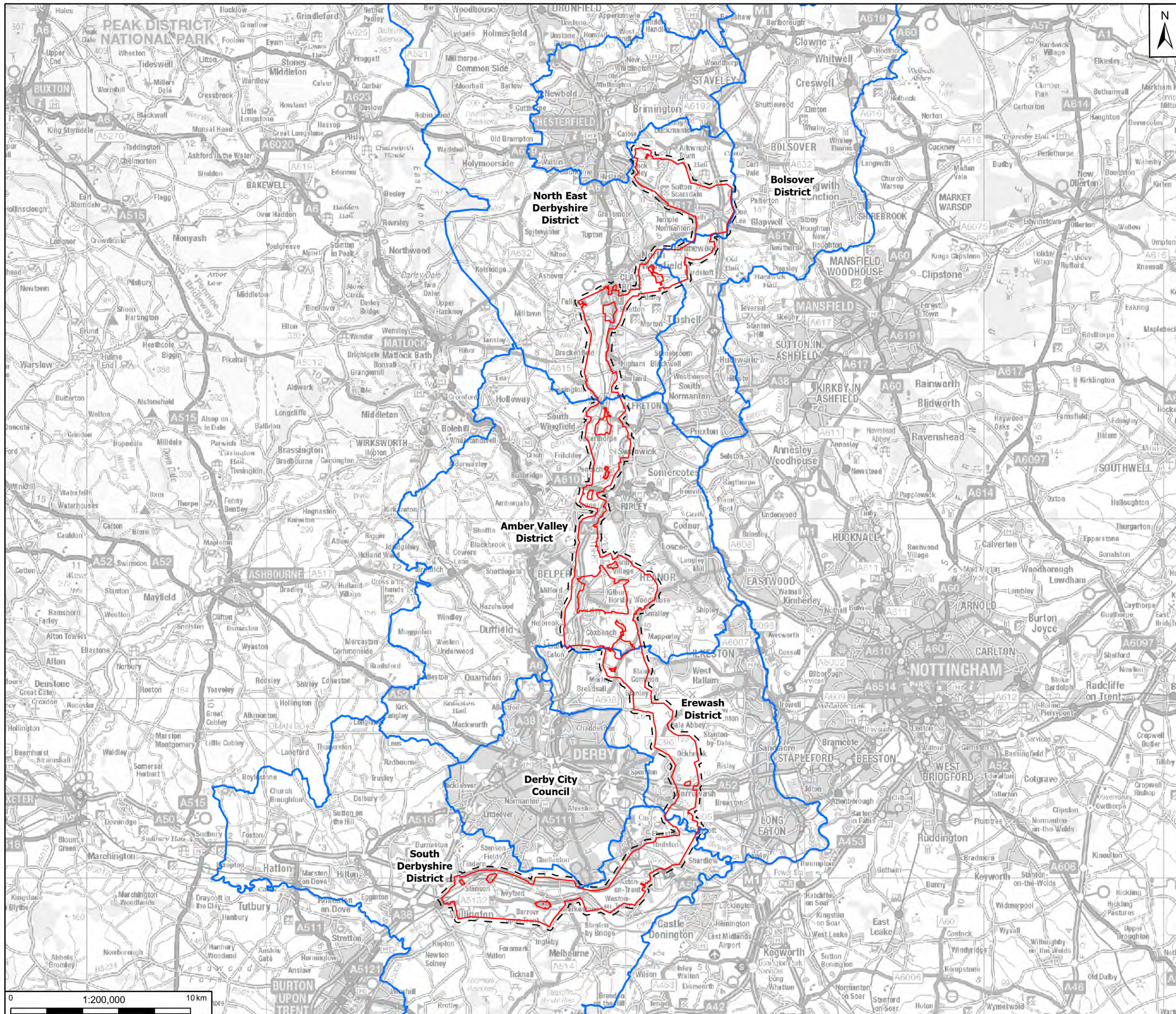
Designed			
Drawn			
Checked			
Approved			
Scale:	1:200,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581
Suitability Description:	For Information		

Drawing Number: **30199581-ARC-EGN-ZZ-DR-ZZ-00066-S2** Revision: **P01**

16. Health and Wellbeing

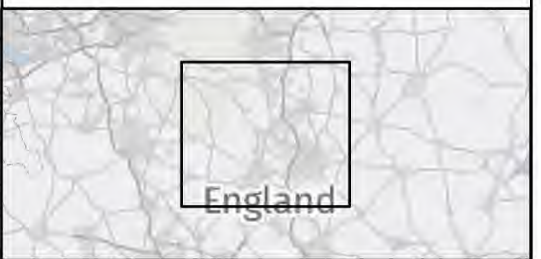
Figure 16.1

nationalgrid



- Legend**
- Scoping Boundary
 - Wider Study Area
 - 200m Study Area

Notes
 GB Background: Contains OS data © Crown Copyright and database right 2023
 Contains data from OS Zoomstack



Rev	Date	Description	Drawn	Check	Approv
01	21/05/24	INITIAL ISSUE	RM	SS	MW

Client:

nationalgrid PROJECT: **CHESTERFIELD TO WILLINGTON**

Site: **C2WE** Client: **1-3 Strand London WC2N 5EH**

ARCADIS

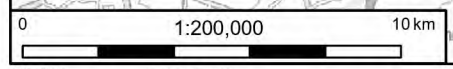
Registered office: 80 Fenchurch Street, London EC3M 4BY
 Coordinating Office: 1 Whitehall Riverside, Leeds LS1 4BN
www.arcadis.com

Title: **Health and Wellbeing Figure 16.1 Study Area**

Designed			
Drawn			
Checked			
Approved			
Scale:	1:200,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30199581

Suitability Description: **For Information**

Drawing Number: **30199581-ARC-EGN-ZZ-DR-ZZ-00069-S2** Revision: **P01**



National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

Registered in England and Wales
No. 4031152
nationalgrid.com