468000 470000 472000 474000

396000

394000

405.066512.00001.0068.0 Watercourse and Flooding

N

Figure 15.1b
Figure 15.1c
Figure 15.1d
Figure 15.1e

WTG1 WTG2 WTG3 WTG4 WTG5 WTG6 WTG7 WTG8 WTG9 WTG10 WTG11 WTG12 WTG13 WTG14 WTG15 WTG16

River Idle

LEGEND

- Scoping Boundary
- Scoping Boundary 500 m Buffer
- Proposed Turbine Location

**Watercourse and Flooding**

- Statutory Main River
- Watercourse
- Waterbody
- Watercourse and Waterbody 50 m Buffer
- Flood Map for Planning (Rivers and Sea) Flood Zone 3
- Flood Map for Planning (Rivers and Sea) Flood Zone 2

**Flood Likelihood Category for Risk of Flooding from Surface Water (RoFSW)**

- High – Greater than or equal to 1 in 30 (3.3%) chance of flooding in any year
- Medium – Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance of flooding in any given year
- Low – Less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) chance of flooding in any given year

0 1 2
Kilometres

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SCOPING REPORT

HYDROLOGY, HYDROGEOLOGY, WATER RESOURCES AND FLOOD RISK

**WATERCOURSES AND FLOODING**

**FIGURE 15.2a**

Scale 1:25,000 @ A3

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471000
472000
473000
397000
396000

River Idle
WTG9
WTG8
WTG14
WTG6
WTG5

N

LEGEND

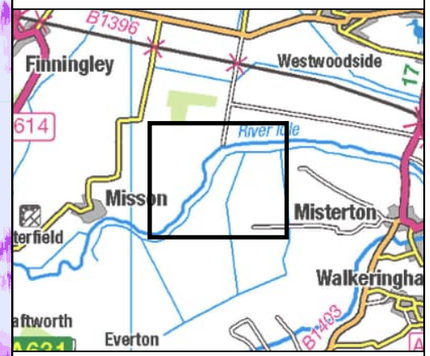
Scoping Boundary
Scoping Boundary 500 m Buffer
Proposed Turbine Location

**Watercourse and Flooding**

Statutory Main River
Watercourse
Waterbody
Watercourse and Waterbody 50 m Buffer
Flood Map for Planning (Rivers and Sea) Flood Zone 3
Flood Map for Planning (Rivers and Sea) Flood Zone 2

**Flood Likelihood Category for Risk of Flooding from Surface Water (RoFSW)**

High – Greater than or equal to 1 in 30 (3.3%) chance of flooding in any year
Medium – Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance of flooding in any given year
Low – Less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) chance of flooding in any given year




0
0.5
1
Kilometres

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HYDROLOGY, HYDROGEOLOGY, WATER RESOURCES AND FLOOD RISK

**WATERCOURSES AND FLOODING**

**FIGURE 15.2b**

Scale 1:10,000 @ A3

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405.066512.00001.0068.0 Watercourse and Flooding

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469000
470000
471000
395000
394000
405.066512.00001.0068.0 Watercourse and Flooding

N

WTG6
WTG5
WTG3
River Idle
WTG12
WTG1
WTG11
WTG7
WTG10
WTG15
WTG4
River Idle

0
0.5
1
Kilometres

LEGEND

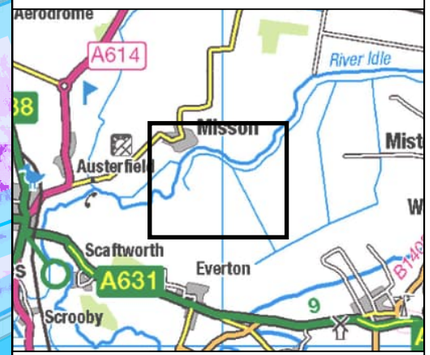
- Scoping Boundary
- Scoping Boundary 500 m Buffer
- Proposed Turbine Location

**Watercourse and Flooding**

- Statutory Main River
- Watercourse
- Waterbody
- Watercourse and Waterbody 50 m Buffer
- Flood Map for Planning (Rivers and Sea) Flood Zone 3
- Flood Map for Planning (Rivers and Sea) Flood Zone 2

**Flood Likelihood Category for Risk of Flooding from Surface Water (RoFSW)**

- High – Greater than or equal to 1 in 30 (3.3%) chance of flooding in any year
- Medium – Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance of flooding in any given year
- Low – Less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) chance of flooding in any given year




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HYDROLOGY, HYDROGEOLOGY, WATER RESOURCES AND FLOOD RISK

**WATERCOURSES AND FLOODING**

**FIGURE 15.2c**

Scale 1:10,000 @ A3

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470000
471000
472000
393000
WTG7
WTG10
WTG16
WTG15
WTG4
N
0
0.5
1
Kilometres

LEGEND

Scoping Boundary

Scoping Boundary 500 m Buffer

Proposed Turbine Location

**Watercourse and Flooding**

Watercourse

Waterbody

Watercourse and Waterbody 50 m Buffer

Flood Map for Planning (Rivers and Sea) Flood Zone 3

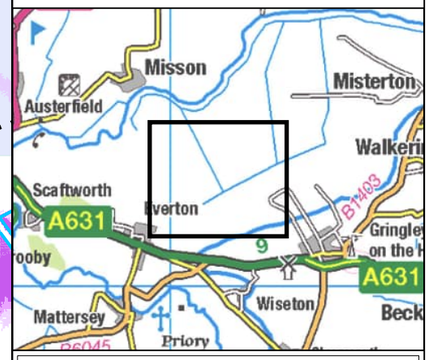
Flood Map for Planning (Rivers and Sea) Flood Zone 2

**Flood Likelihood Category for Risk of Flooding from Surface Water (RoFSW)**

High – Greater than or equal to 1 in 30 (3.3%) chance of flooding in any year

Medium – Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance of flooding in any given year

Low – Less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) chance of flooding in any given year




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HYDROLOGY, HYDROGEOLOGY, WATER RESOURCES AND FLOOD RISK

**WATERCOURSES AND FLOODING**

**FIGURE 15.2d**

Scale 1:10,000 @ A3

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405.066512.00001.0068.0 Watercourse and Flooding

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472000
473000
474000
395000
394000
N
WTG6
WTG16
WTG2
WTG13
0
0.5
1
Kilometres

LEGEND

Scoping Boundary

Scoping Boundary 500 m Buffer

Proposed Turbine Location

**Watercourse and Flooding**

Statutory Main River

Watercourse

Waterbody

Watercourse and Waterbody 50 m Buffer

Flood Map for Planning (Rivers and Sea) Flood Zone 3

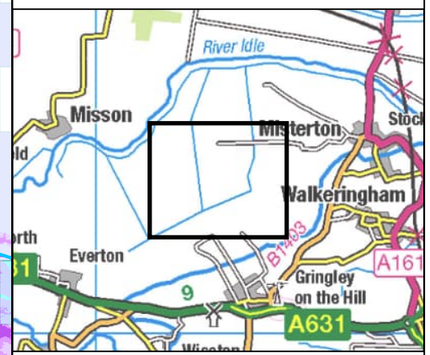
Flood Map for Planning (Rivers and Sea) Flood Zone 2

**Flood Likelihood Category for Risk of Flooding from Surface Water (RoFSW)**

High – Greater than or equal to 1 in 30 (3.3%) chance of flooding in any year

Medium – Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance of flooding in any given year

Low – Less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) chance of flooding in any given year




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**WATERCOURSES AND FLOODING**

**FIGURE 15.2e**

Scale 1:10,000 @ A3

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468000 470000 472000 474000

396000

394000

405.066512.00001.0069.0 Hydrogeological Setting

N

WTG1 WTG2 WTG3 WTG4 WTG5 WTG6 WTG7 WTG8 WTG9 WTG10 WTG11 WTG12 WTG13 WTG14 WTG15 WTG16

0 1 2 Kilometres

LEGEND

- Scoping Boundary
- Scoping Boundary 500 m Buffer
- Proposed Turbine Location

**Hydrogeological Setting**

*Source Protection Zone (SPZ)*

- Zone 3 - Total Catchment (Protective Cover)

*Water Framework Directive (WFD) Groundwater Body Cycle 3*

- Idle Torne - PT Sandstone Nottinghamshire & Doncaster
- Idle Torne - Secondary Mudrocks
- Lower Trent Erewash - Secondary Combined

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HYDROLOGY, HYDROGEOLOGY, WATER RESOURCES AND FLOOD RISK

**HYDROGEOLOGICAL SETTING**

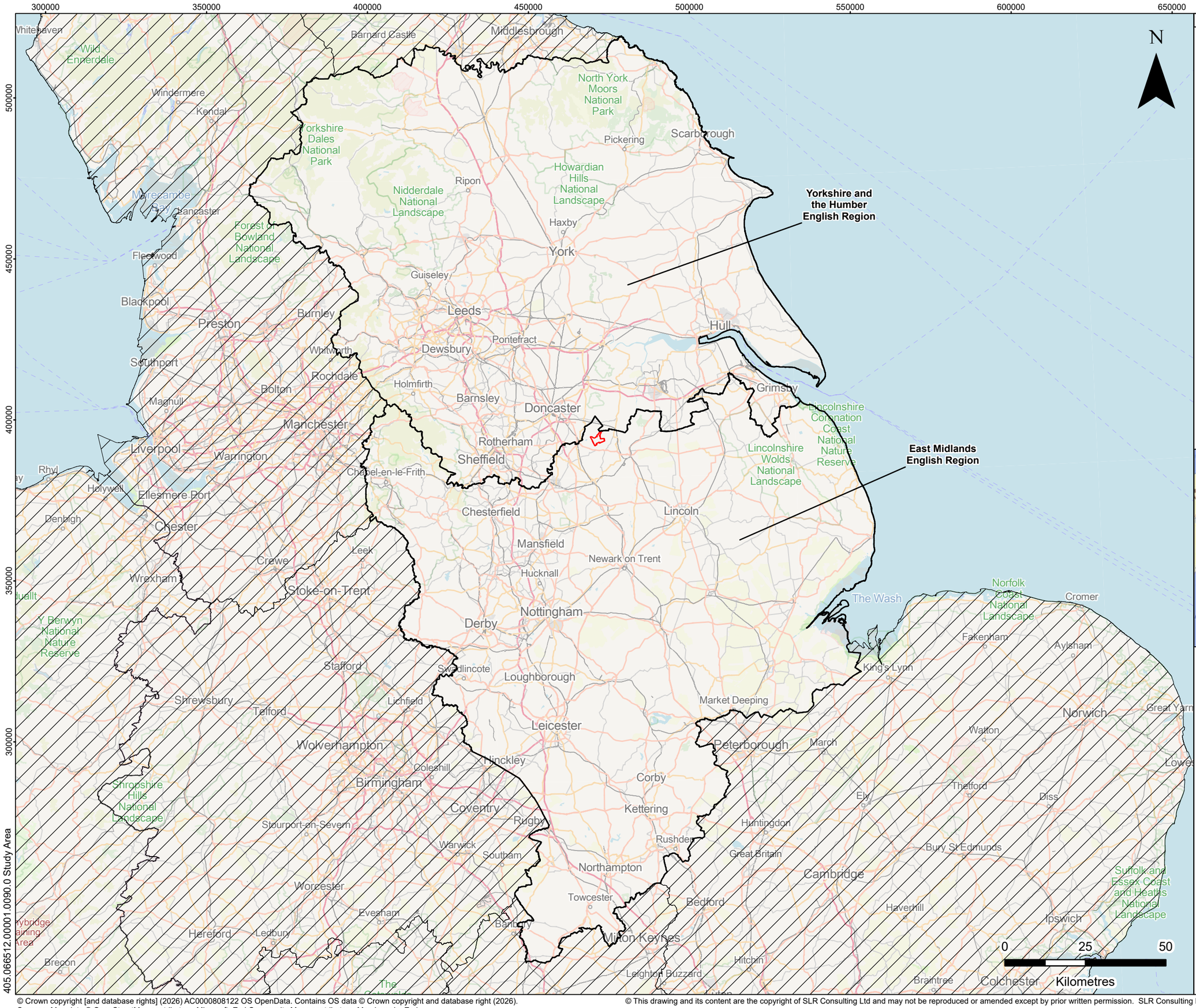
**FIGURE 15.3**

Scale 1:25,000 @ A3

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OTHER ENVIRONMENTAL TOPICS

**MATERIAL ASSETS AND WASTE STUDY AREA**

**FIGURE 16.1**

Scale 1:1,100,000@ A3

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300000 350000 400000 450000 500000 550000 600000 650000

500000 450000 400000 350000 300000

N

LEGEND

Scoping Boundary

**Regional Boundary**

Study Area

Excluded from Study Area

Inert Landfill Site Location

**Yorkshire and the Humber English Region**

**East Midlands English Region**

Whitehaven
Wild Ennerdale
Windermere
Kendal
Barnard Castle
Shildon
Middlesbrough
North York Moors National Park
Yorkshire Dales National Park
Pickering
Scarborough
Howardian Hills National Landscape
Ripon
Nidderdale National Landscape
Morecambe Bay
Lancaster
Forest of Bowland National Landscape
Haxby
York
Fleetwood
Guiseley
Blackpool
Preston
Burnley
Leeds
Hull
Dewsbury
Pontefract
Whitworth
Southport
Rochdale
Holmfirth
Bolton
Barnsley
Grimsby
Maghull
Doncaster
Lincolnshire Coronation Coast National Nature Reserve
Manchester
Rotherham
Liverpool
Warrington
Sheffield
Lincolnshire Wolds National Landscape
Rhyl Bay
Chapel-en-le-Frith
Holywell
Ellesmere Port
Chesterfield
Lincoln
Denbigh
Chester
Mansfield
Crewe
Leek
Newark on Trent
Wrexham
Hucknall
Stoke-on-Trent
Norfolk Coast National Landscape
Cromer
The Wash
Nottingham
Y Berwyn National Nature Reserve
Derby
Fakenham
Aylsham
Stafford
Swadlincote
Loughborough
King's Lynn
Shrewsbury
Lichfield
Market Deeping
Telford
Norwich
Great Ya
Leicester
Watton
Wolverhampton
Peterborough
March
Hinckley
Low
Coleshill
Corby
Thetford
Shropshire Hills National Landscape
Birmingham
Ely
Diss
Coventry
Kettering
Stourport-on-Severn
Rugby
Huntingdon
Rushden
Warwick
Great Britain
Bury St Edmunds
Southam
Northampton
Cambridge
Worcester
Towcester
Suffolk and Essex Coast and Heaths National Landscape
Bedford
Haverhill
Evesham
Banbury
Ipswich
Hereford
Ledbury
Milton Keynes
Brecon
Hitchin
Leighton Buzzard

0 25 50
Kilometres




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OTHER ENVIRONMENTAL TOPICS

**INERT LANDFILL SITE LOCATIONS**

**FIGURE 16.2**

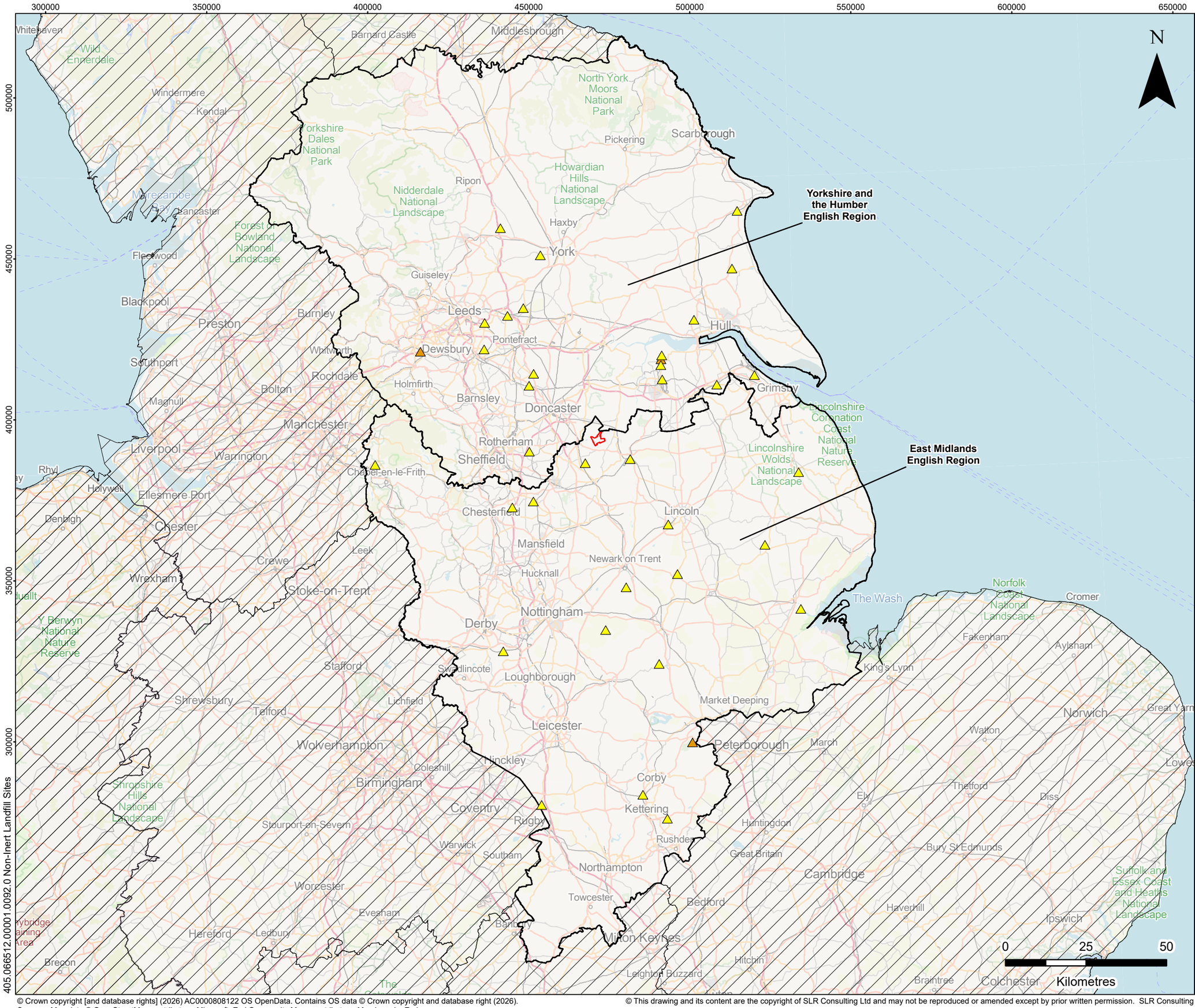
Scale 1:1,100,000@ A3

Date OCTOBER 2026

405.066512.00001.0091.0 Inert Landfill Sites

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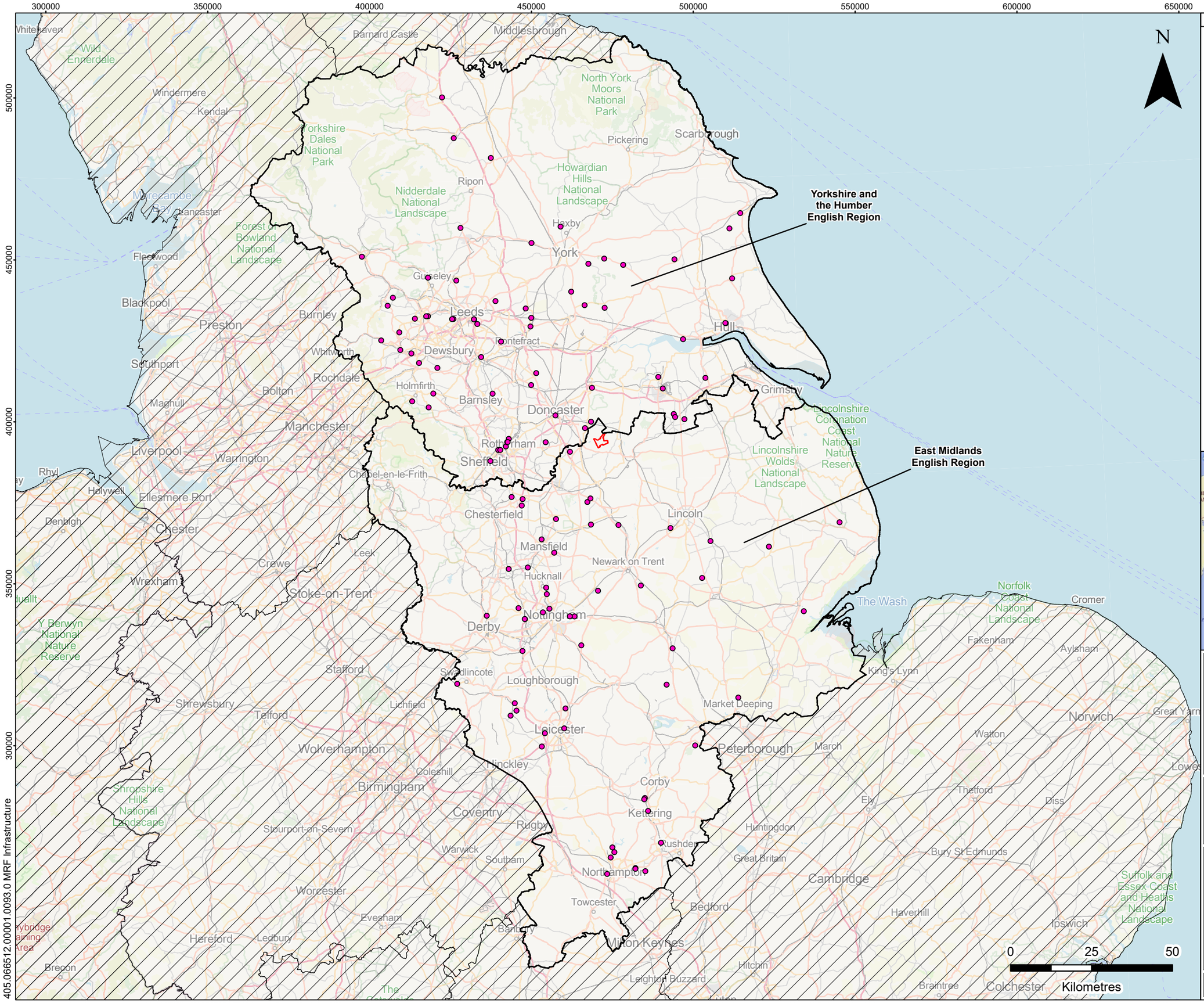
**NON-INERT LANDFILL SITE LOCATIONS**

**FIGURE 16.3**

| Scale | Date |
|---|---|
| 1:1,100,000@ A3 | OCTOBER 2026 |

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LEGEND

- Scoping Boundary
- **Regional Boundary**
- Study Area
- Excluded from Study Area
- Material Recycling Facility Infrastructure Location (Facilities Receiving Over 10 kt of Construction and Demolition Wastes)




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SCOPING REPORT

OTHER ENVIRONMENTAL TOPICS

**MATERIAL RECYCLING FACILITY INFRASTRUCTURE**

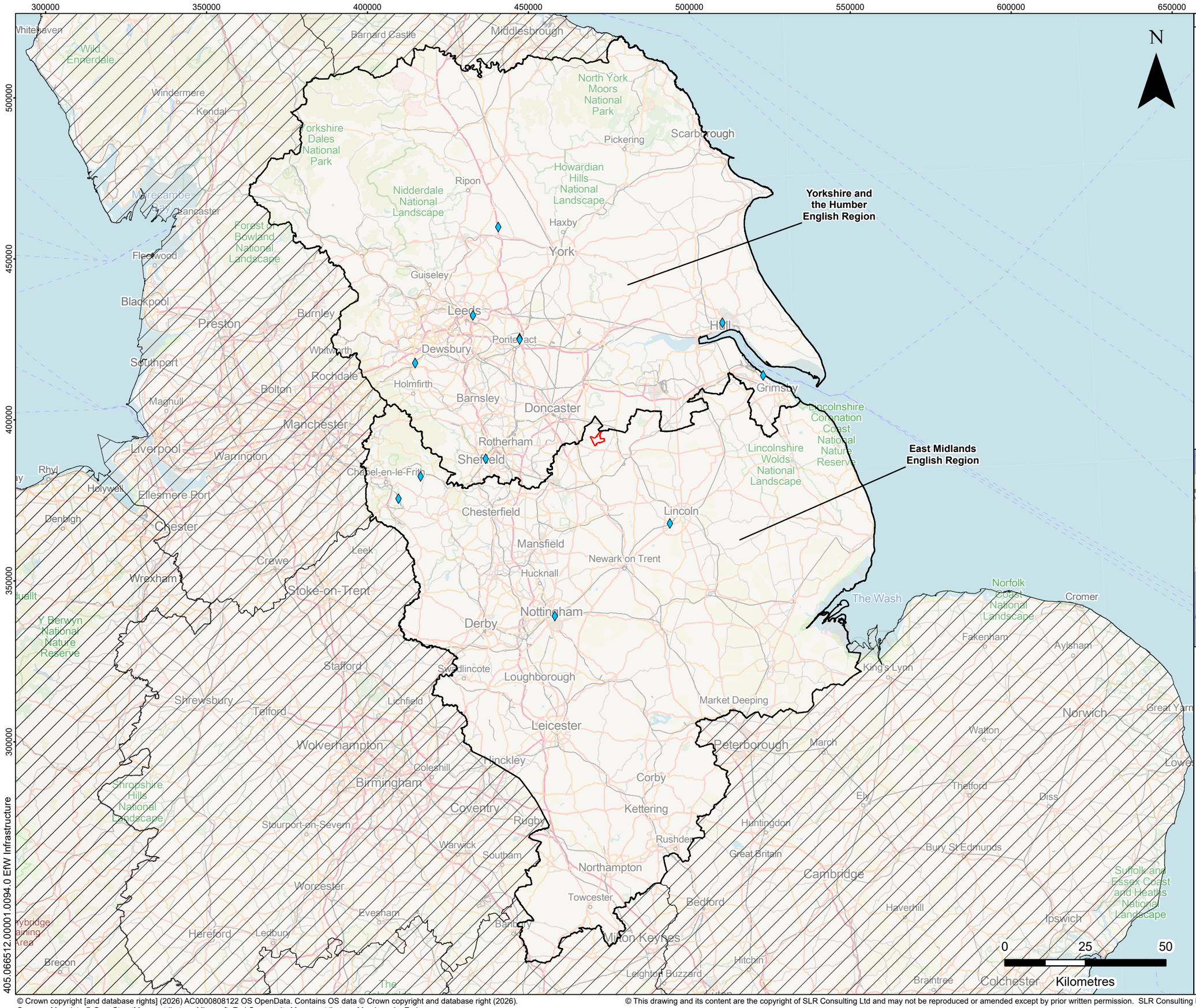
**FIGURE 16.4**

| Scale | Date |
|---|---|
| 1:1,100,000@ A3 | OCTOBER 2026 |

405.066512.00001.0093.0 MRF Infrastructure

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LEGEND

- Scoping Boundary

**Regional Boundary**

- Study Area
- Excluded from Study Area
- Energy from Waste Facility Infrastructure Location




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SCOPING REPORT

OTHER ENVIRONMENTAL TOPICS

**ENERGY FROM WASTE FACILITY INFRASTRUCTURE**

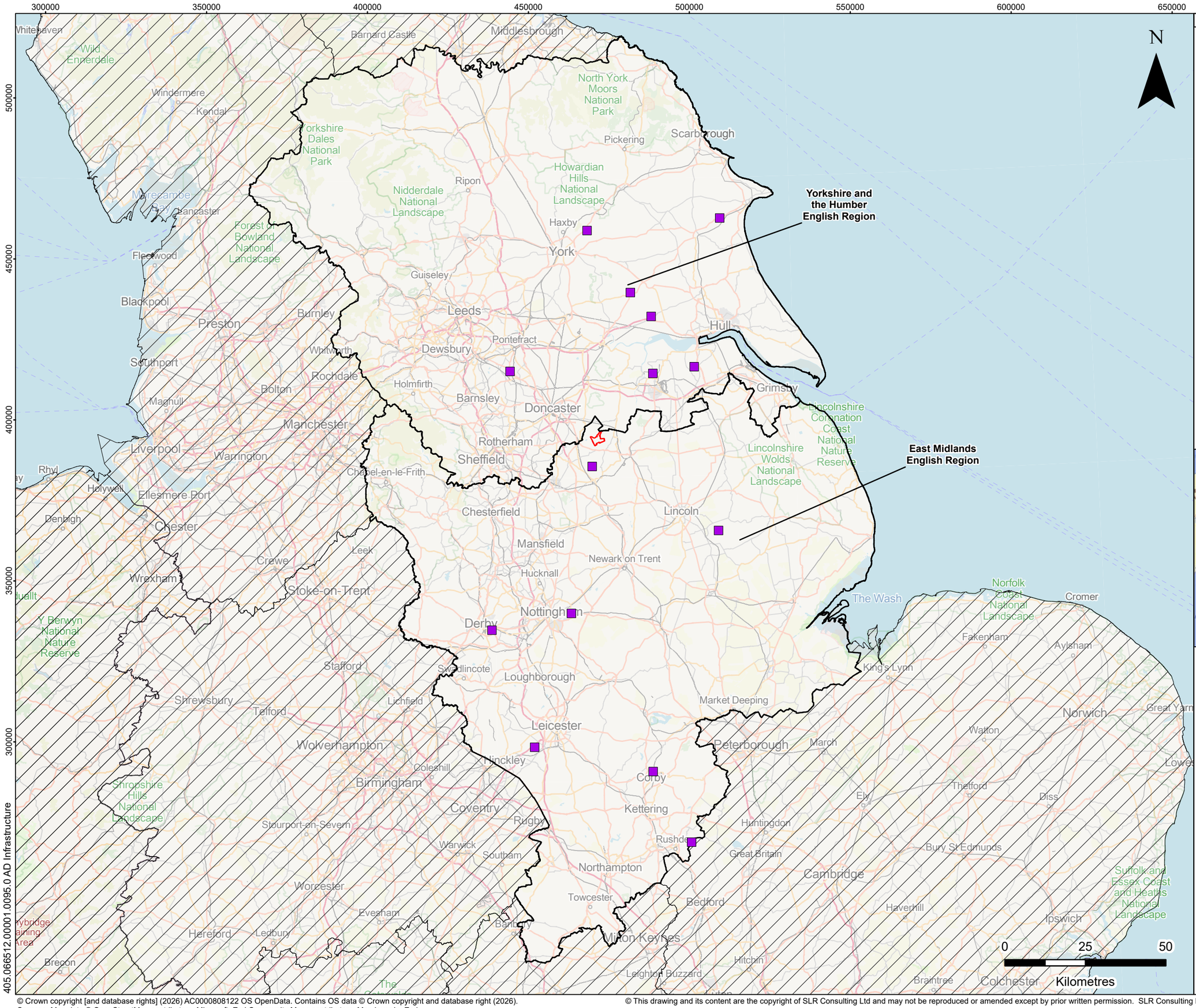
**FIGURE 16.5**

Scale 1:1,100,000@ A3

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405.066512.00001.0095.0 AD Infrastructure

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**ANAEROBIC DIGESTION FACILITY INFRASTRUCTURE**

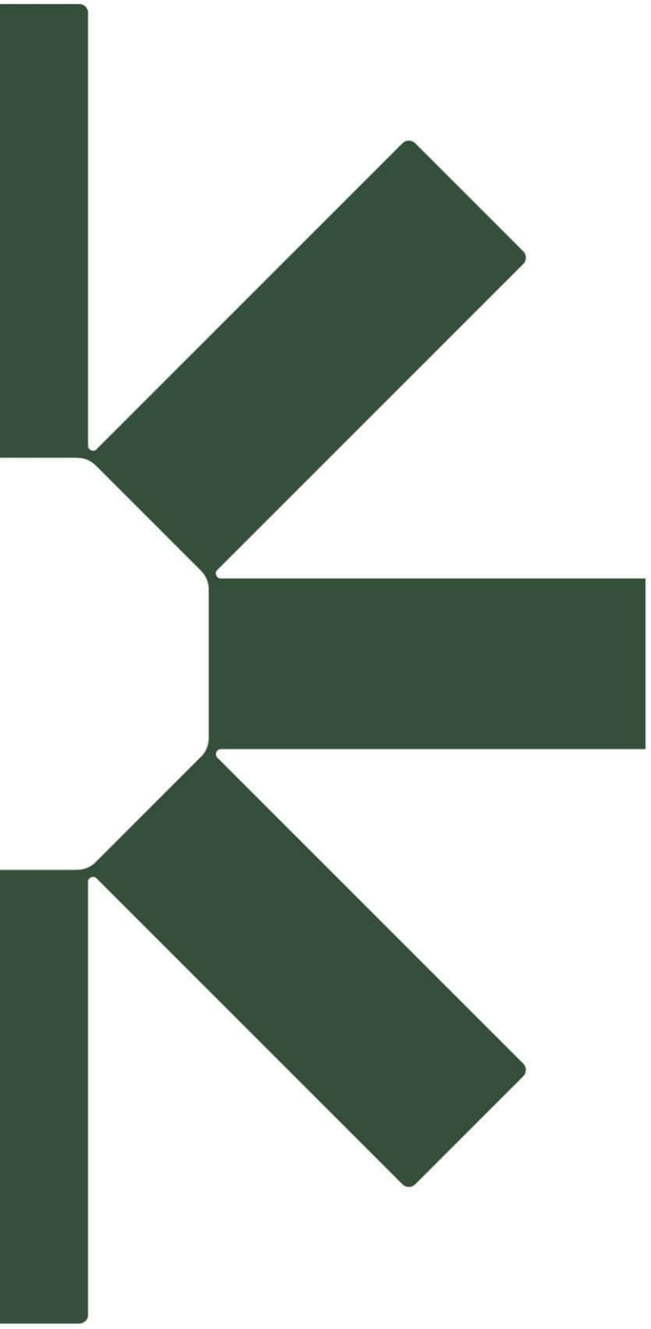
**FIGURE 16.6**

Scale 1:1,100,000@ A3

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