The Great Grid Upgrade

Chesterfield to Willington

Preliminary Environmental Information Report

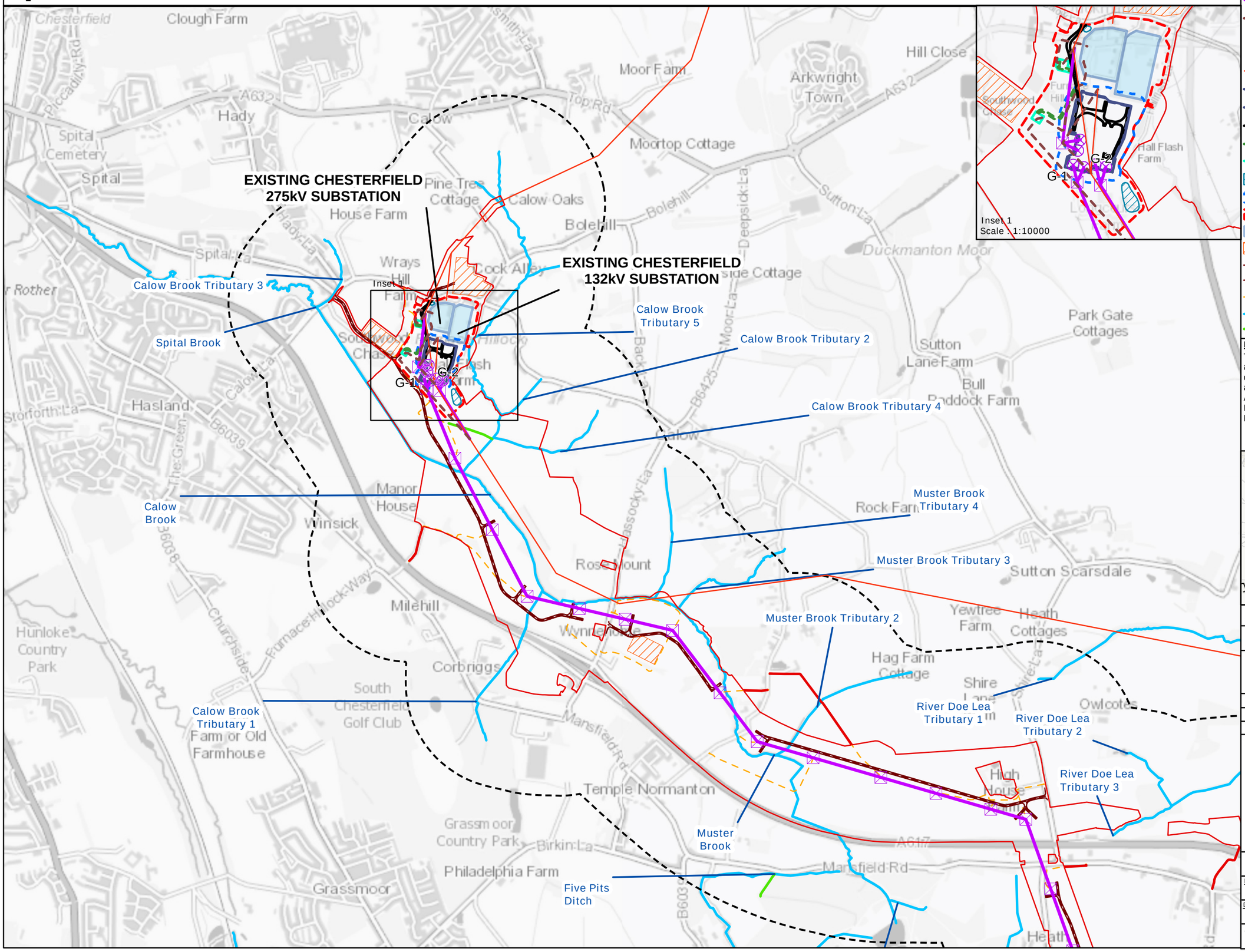
Volume 2: Chapter 9 Hydrology and Land Drainage - Figures

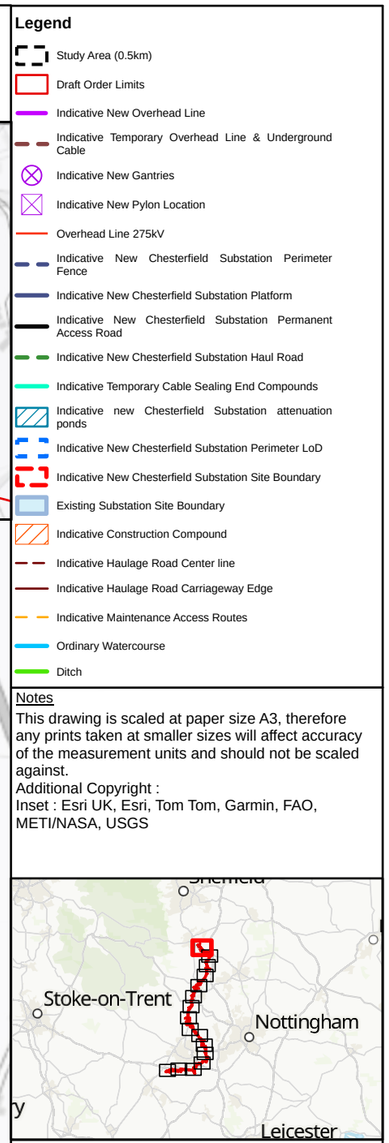
March 2026

nationalgrid

Figure number	Figure title
Figure 9.1	Watercourses
Figure 9.2	Water Abstractions
Figure 9A.1	Flood Map for Planning - Fluvial Flood Risk
Figure 9A.2	Hydraulic Modelling Study Extents
Figure 9A.3	Risk of Flooding from Surface Water
Figure 9A.4	Reservoir Flood Risk
Figure 9A.5	Recorded Flood Outlines
Figure 9B.1	WFD Surface Water Body Catchments
Figure 9B.2	WFD Groundwater Catchments
Figure 9B.3	Protected Areas

FIGURE 9.1:
WATERCOURSES





Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Ordinary Watercourse
- Ditch

Notes

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WATERCOURSES

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Figure Number: Figure 9.1

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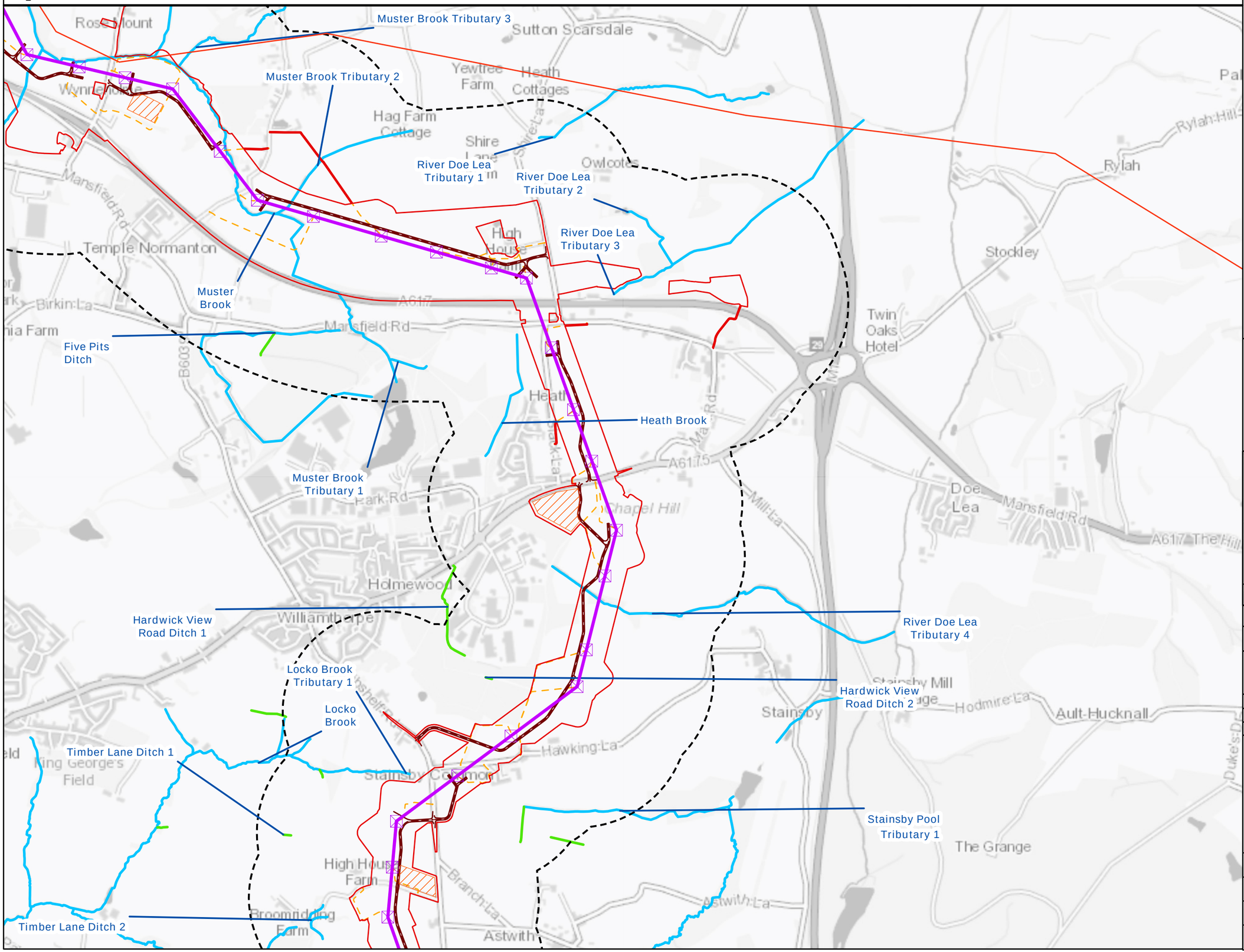
WATERCOURSES



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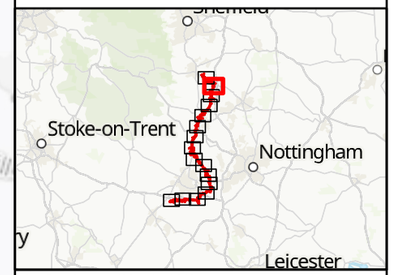

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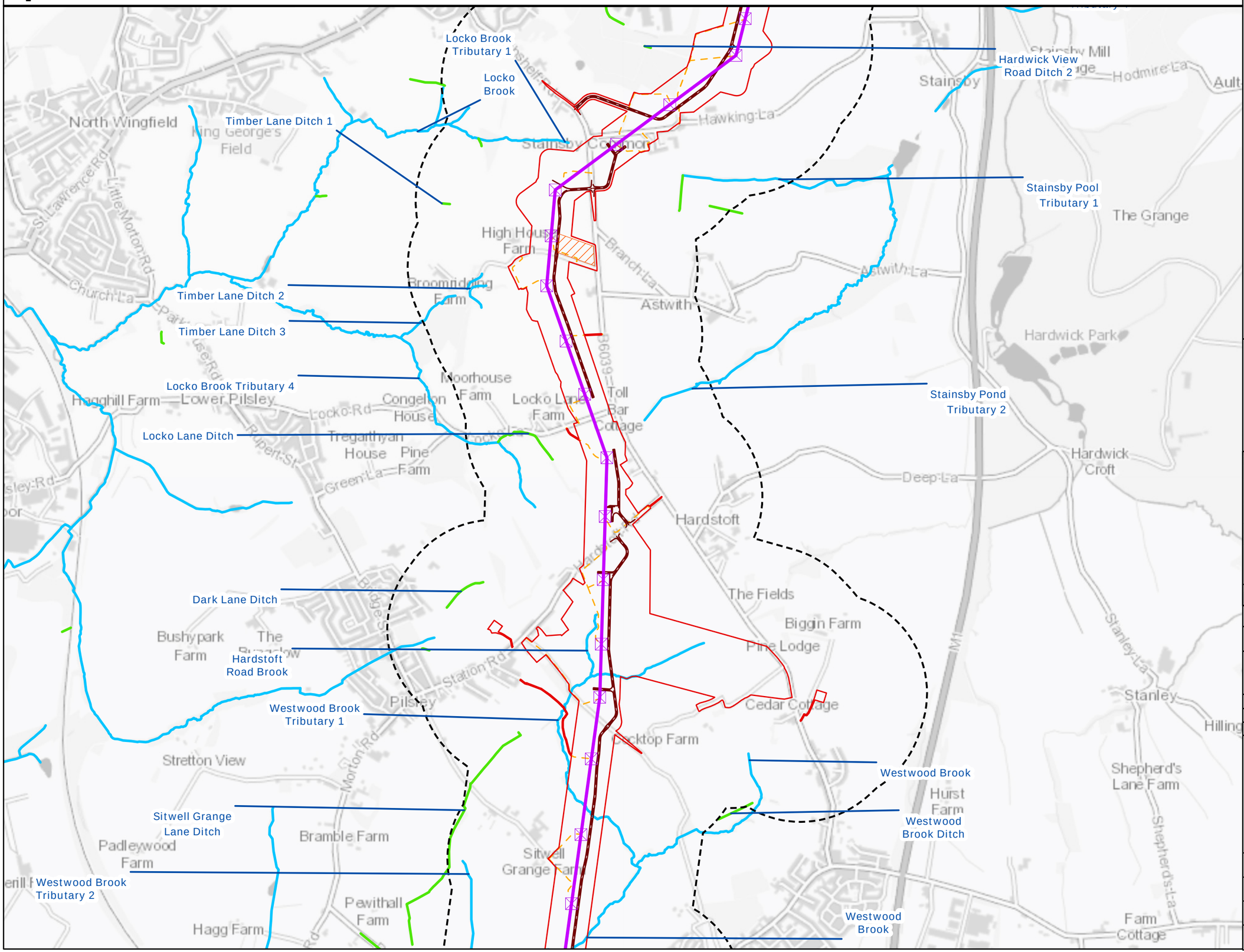

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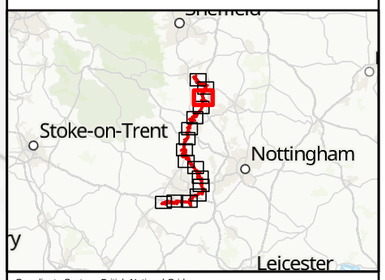

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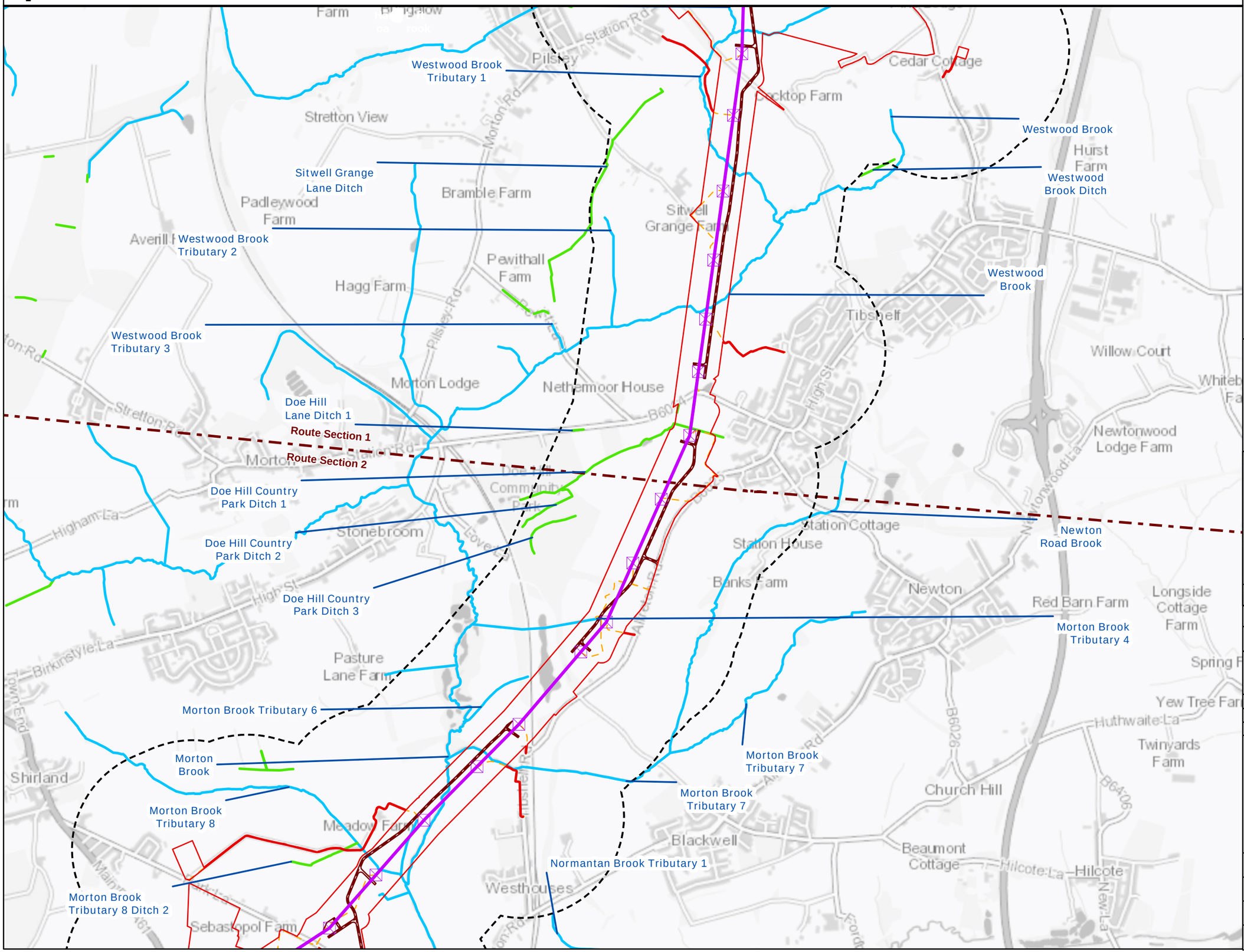

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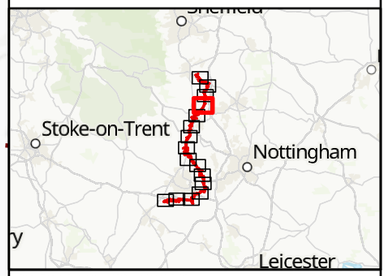

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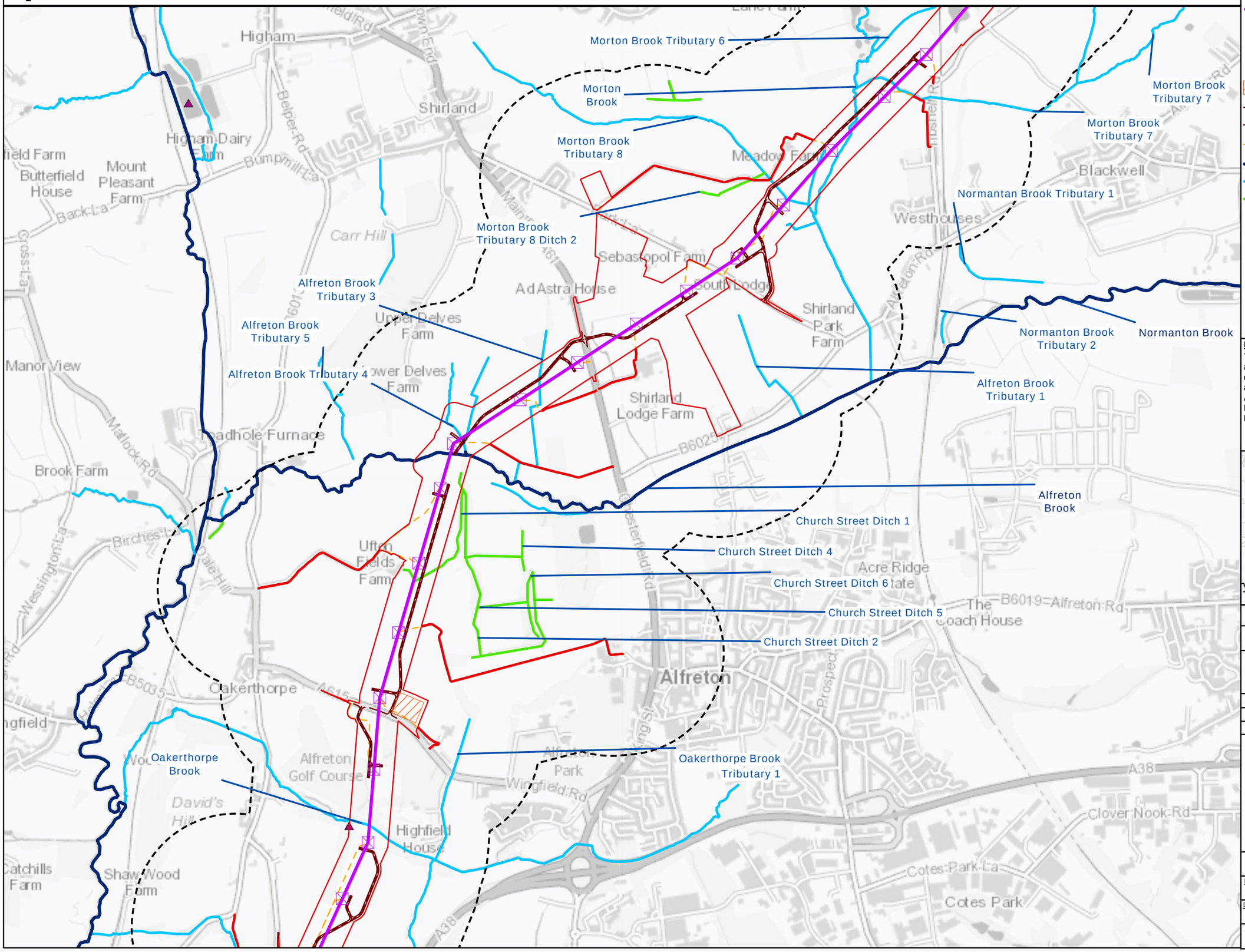

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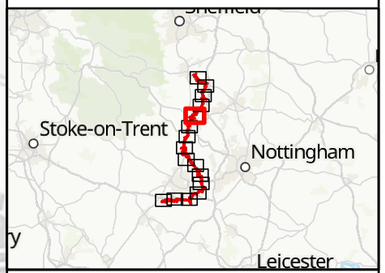

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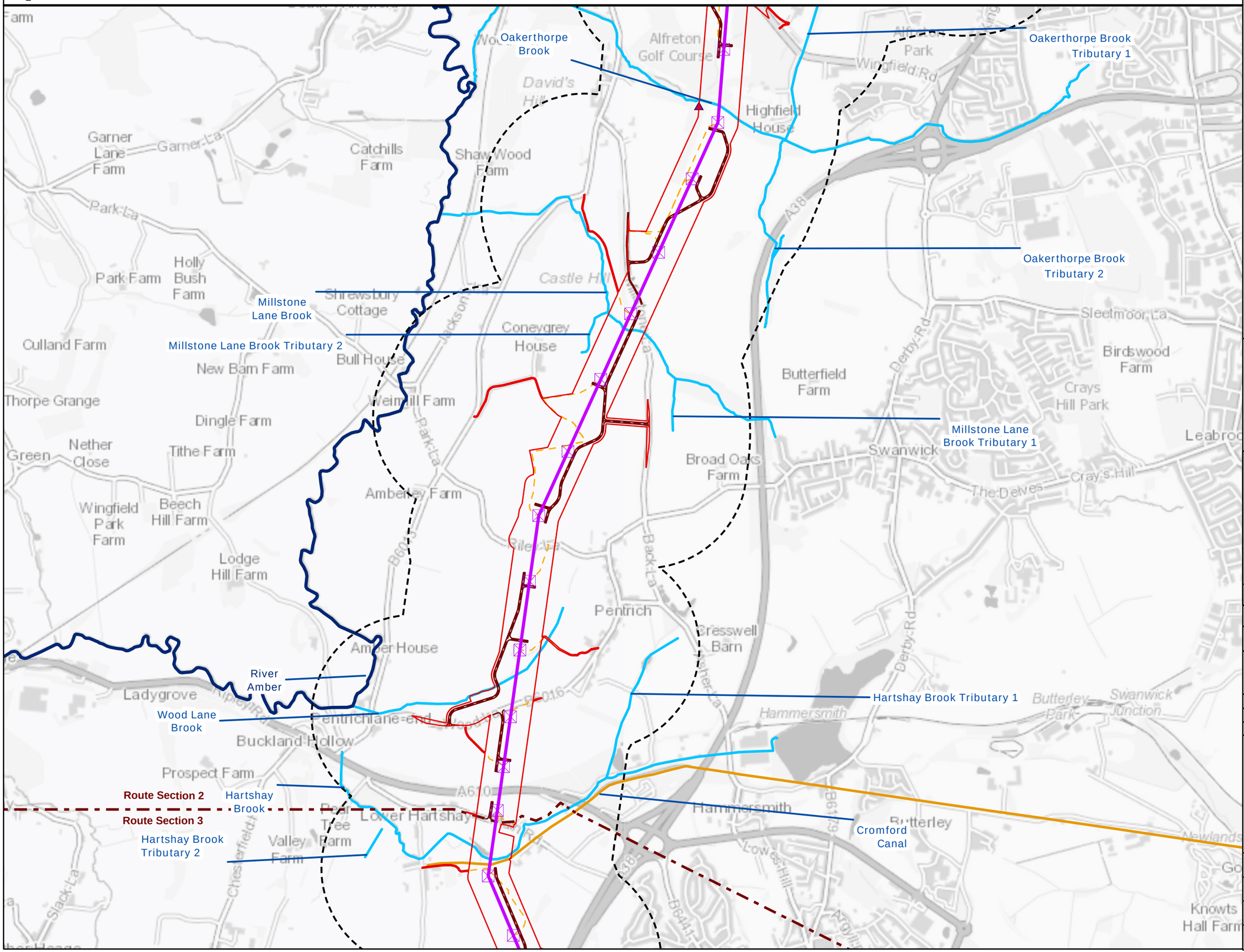

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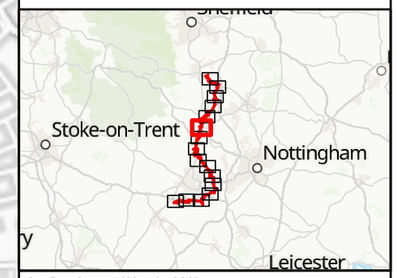

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FIGURE 9.1:
WATERCOURSES

River Amber
Wood Lane Brook
Hartshay Brook Tributary 1
Route Section 2
Route Section 3
Hartshay Brook
Cromford Canal
Hartshay Brook Tributary 2
Downmeadow Brook
Coppice Brook
Coppice Brook Ditch 1
Coppice Brook Ditch 2
Bottle Brook
Street Lane Recreation Ground Brook
Ladygrove
Buckland Hollow
Prospect Farm
Ridgeway
Lower Hartshay
Pear Tree Farm
Valley Farm
Nether Heage
Heage
Upper Hartshay
Manor Farm
Morley Park Farm
Strelley Court Farm
Iron Works Farm
Bessalone Farm
Lodge Farm
Boothgate
Cottage Farm
Norman Court Farm
Marehay
Ripley
Nuttals Park
Porterhouse
Greenhillocks
The Elms
Waingrove Hall
Primrose Farm
High Bank
Street Lane
White Moor
The Gutter
Butterley
Hammersmith
Greenwich

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
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- Ditch
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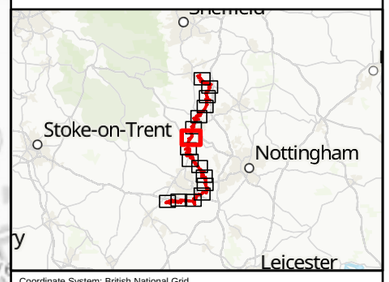

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FIGURE 9.1:
WATERCOURSES

Bottle Brook
Street Lane Recreation Ground Brook
Bottle Brook
Killis Lane Brook
Bottle Brook
Bottle Brook Parallel
Booth's Wood Brook Tributary
Bottle Brook
Horsley Road Brook 1
Booth's Wood Brook
Horsley Road Brook 2
St Clements Church Ditch
Bottle Brook
Mushroom Wood Brook
Park Brook

Scotches
White Moor
Belper
The Gutter
The Park
Park Hall
Lamp House
Bloomsbury House
Cowhill
Highwood Farm
Killis Farm
Cinderhill
Bargate
Denby Bottles
Ticknall Hill
Denby Village
Highwood Cottages
Rawson Green
Lockwood Farm
Wildersley
Swainsley Farm
Lockwood Cottage
Kilburn
Crowtrees
Rosy Lee Farm
Holbrook
Carr Farm
Crab House
Hirst Farm
Chevin Wood Farm
Milford
Bowns green Farm
Lower Kilburn
Horsley Woodhouse
Horsley View
Turnpike Cottage
Moscow Farm
Horsley
Makeney
Linkwood Farm
Gipsy Brook
Horsley Lodge

Legend

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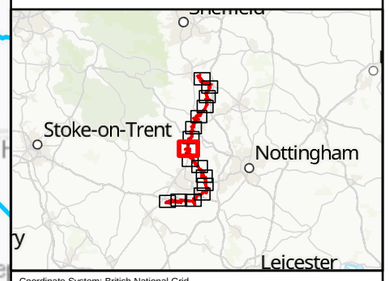

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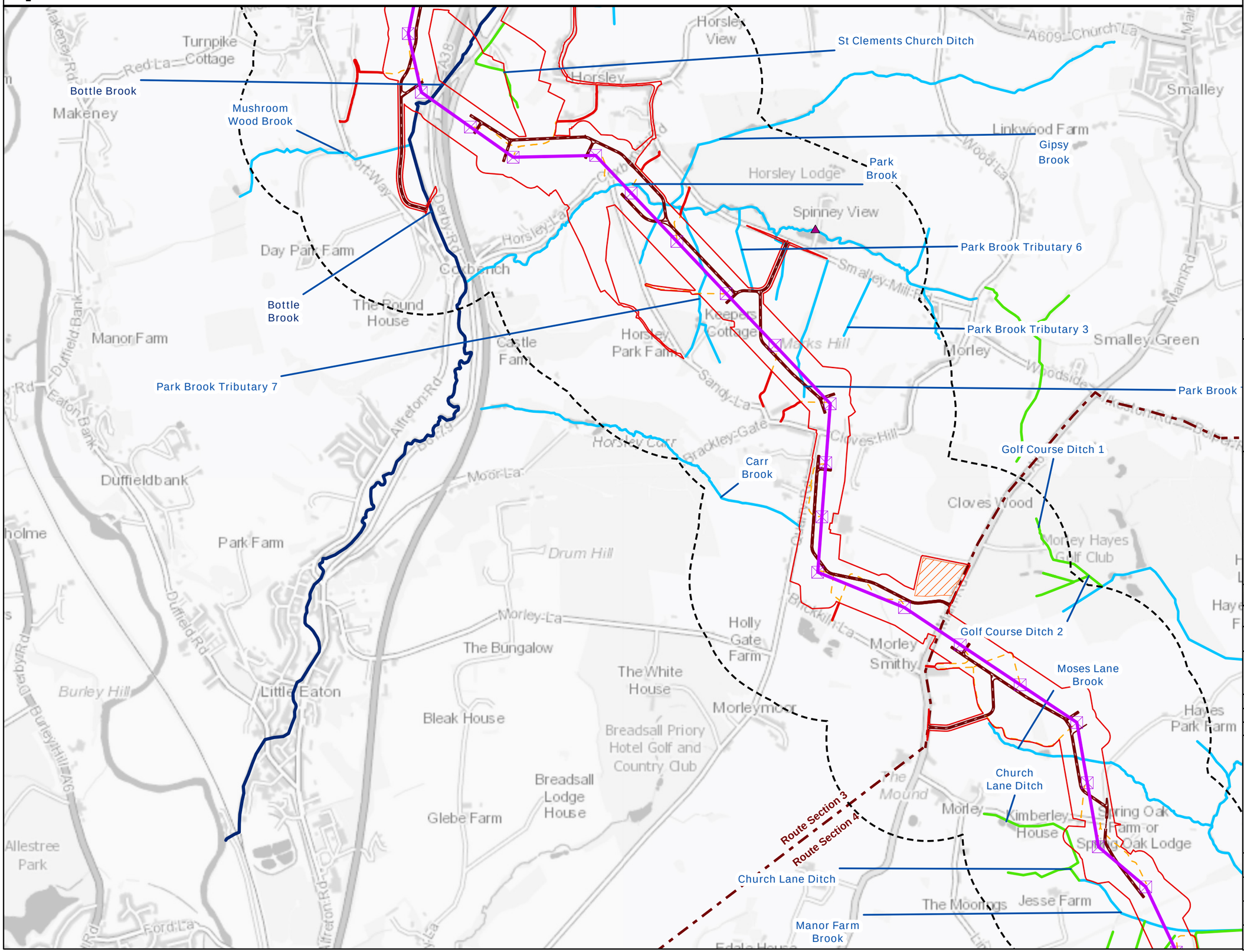

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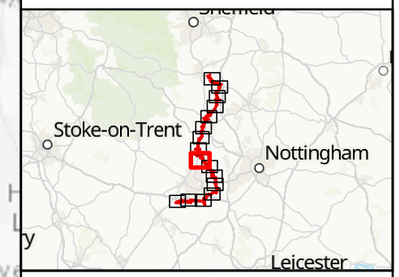

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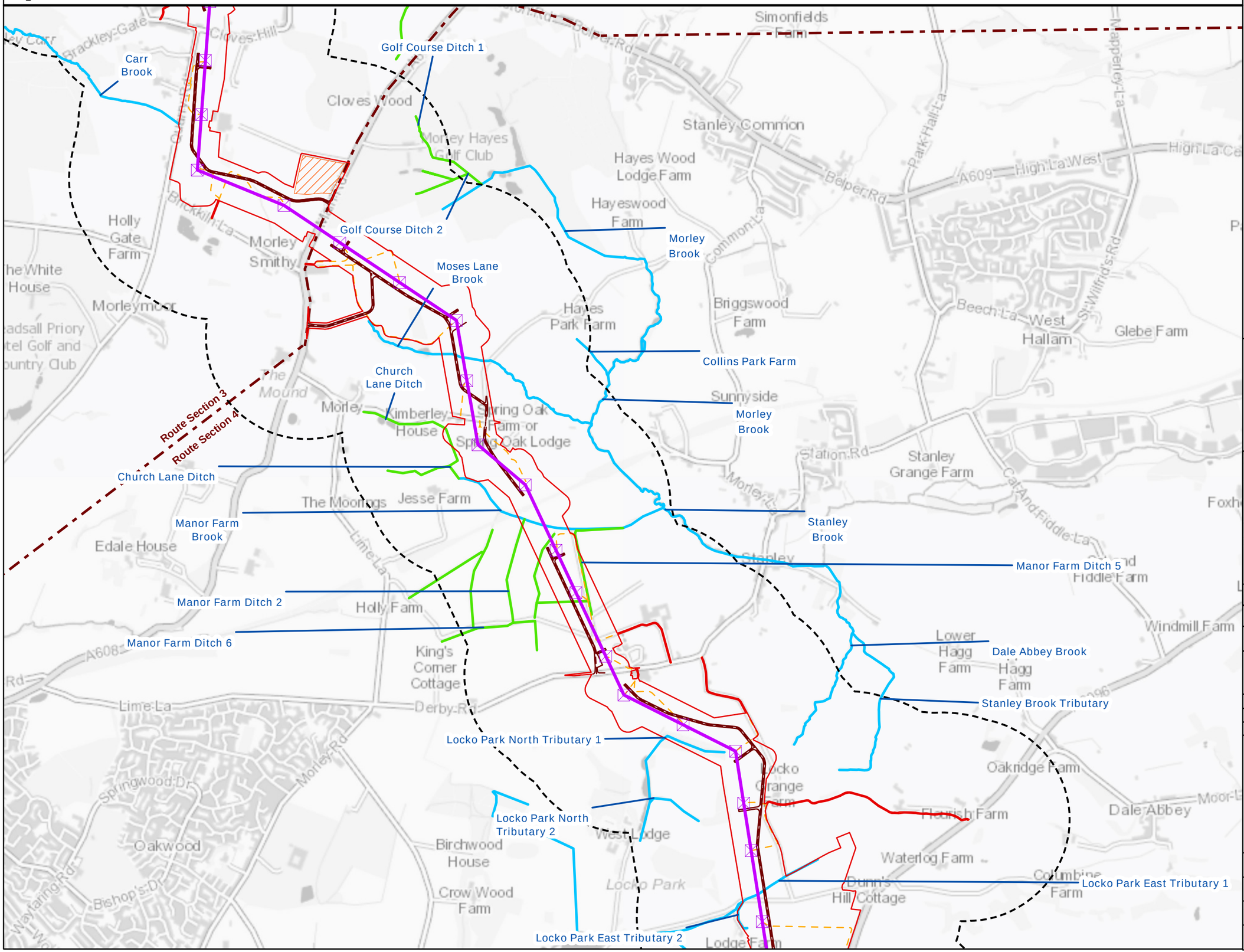

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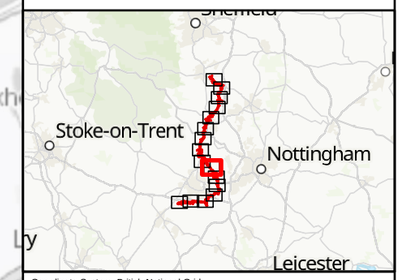

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FIGURE 9.1:
WATERCOURSES

Dale Abbey Brook
Stanley Brook Tributary
Locko Park North Tributary 1
Locko Park North Tributary 2
Locko Park East Tributary 1
Locko Park East Tributary 2
Locko Park East Tributary 3
Locko Park South Tributary
Ock Brook Tributary 2
Ock Brook Tributary 3
Ock Brook Tributary 5
Moor Lane Brook
Ock Brook Tributary 4
Ock Brook Tributary 2
Ock Brook Tributary 1
Ock Brook 3 Ditch
Ock Brook Ditch 1
Ock Brook Ditch 4
Ock Brook
Route Section 4
Route Section 5

King's Corner Cottage, Derby Rd, Hagg Farm, Locko Grange Farm, Oakridge Farm, Flourish Farm, Dale Abbey, Bassett Farm, Furnace Pond Farm, Grove Farm, Moorfield Farm, Dalemoor Farm, Sandiacre Lodge Farm, Golden Valley Farm, Mount Pleasant, Trentham Farm, Park Farm, Orchard Cottage, Keys Farm, Risley Lodge Farm, Hopwell Cottage Farm, Hopwell Hall, Hopwell Nook, Scotland Farm, The Bungalow, Windmill Farm, Manor Farm, Braycott House, Little Hay Grange, Spondon Wood Farm, Brunswood Farm, Birchwood House, Crow Wood Farm, Locko Park, West Lodge, Waterlog Farm, Dunn's Hill Cottage, Columbine Farm, Lodge Farm, Burnwood, Bartlewood Farm, Keepers Cottage, South Lodge, Spondon, Asterdale Leisure, Borrowash By-Pass A52, Moor La, Dale Rd, Woodpecker Hill, Potato Pit La, Locko Rd, Chapel St, Church St, Stowell St, Moor St, Slough La, Green La, The Ridings, Bye La, Collier La, Ave C, Brian Clough Way, Willowbr

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Statutory Main River
- Ordinary Watercourse
- Ditch

Notes

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Stoke-on-Trent, Nottingham, Leicester

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442538E
Sheet Y Centroid Coordinate: 337359.31N

0 200 400 800 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
WATERCOURSES

nationalgrid

Figure Number: Figure 9.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000009

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 11 OF 16	1

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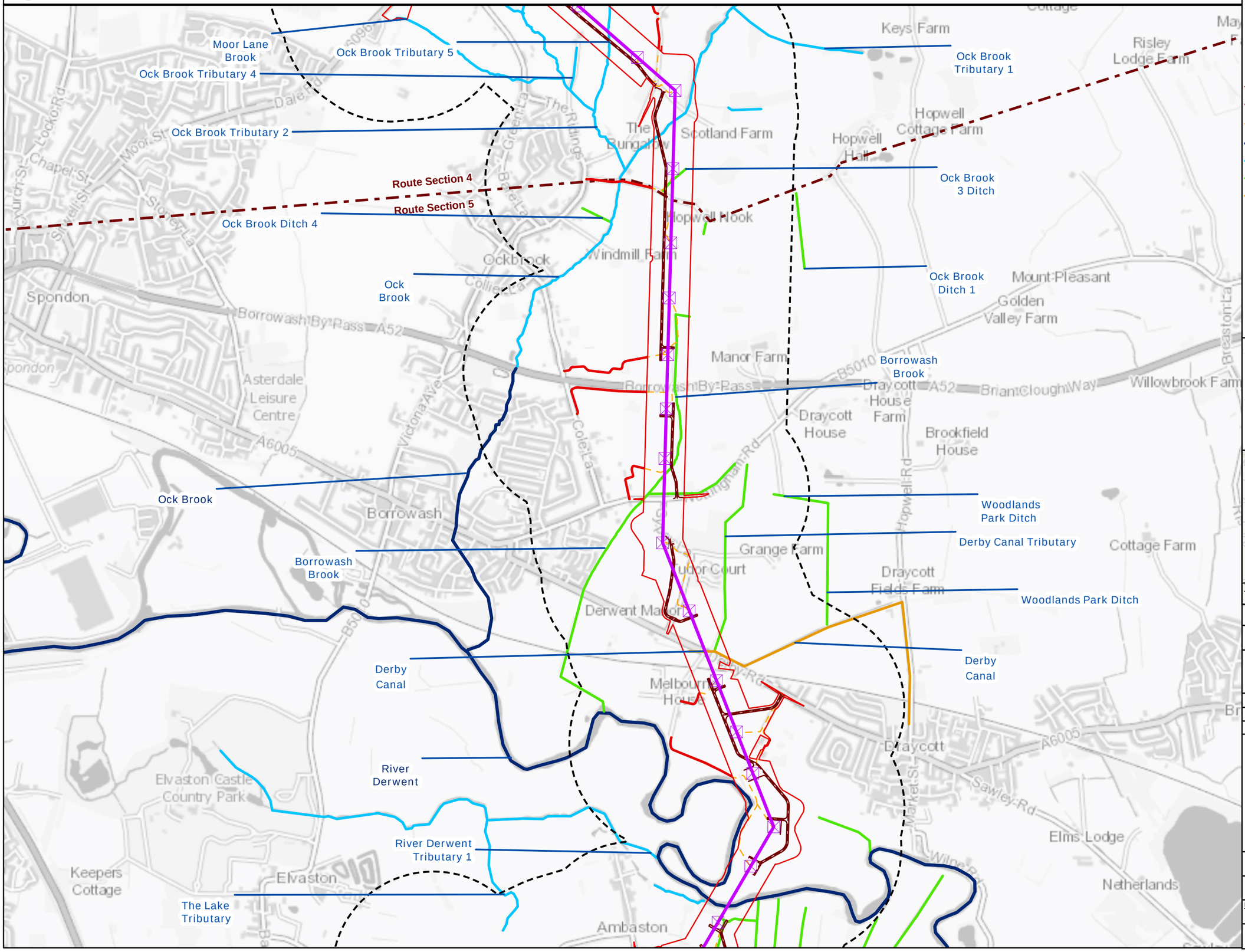
FIGURE 9.1:
WATERCOURSES



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section Break
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Statutory Main River
- Ordinary Watercourse
- Ditch
- Canal

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 800 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
WATERCOURSES

nationalgrid

Figure Number: Figure 9.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000009

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 12 OF 16	1

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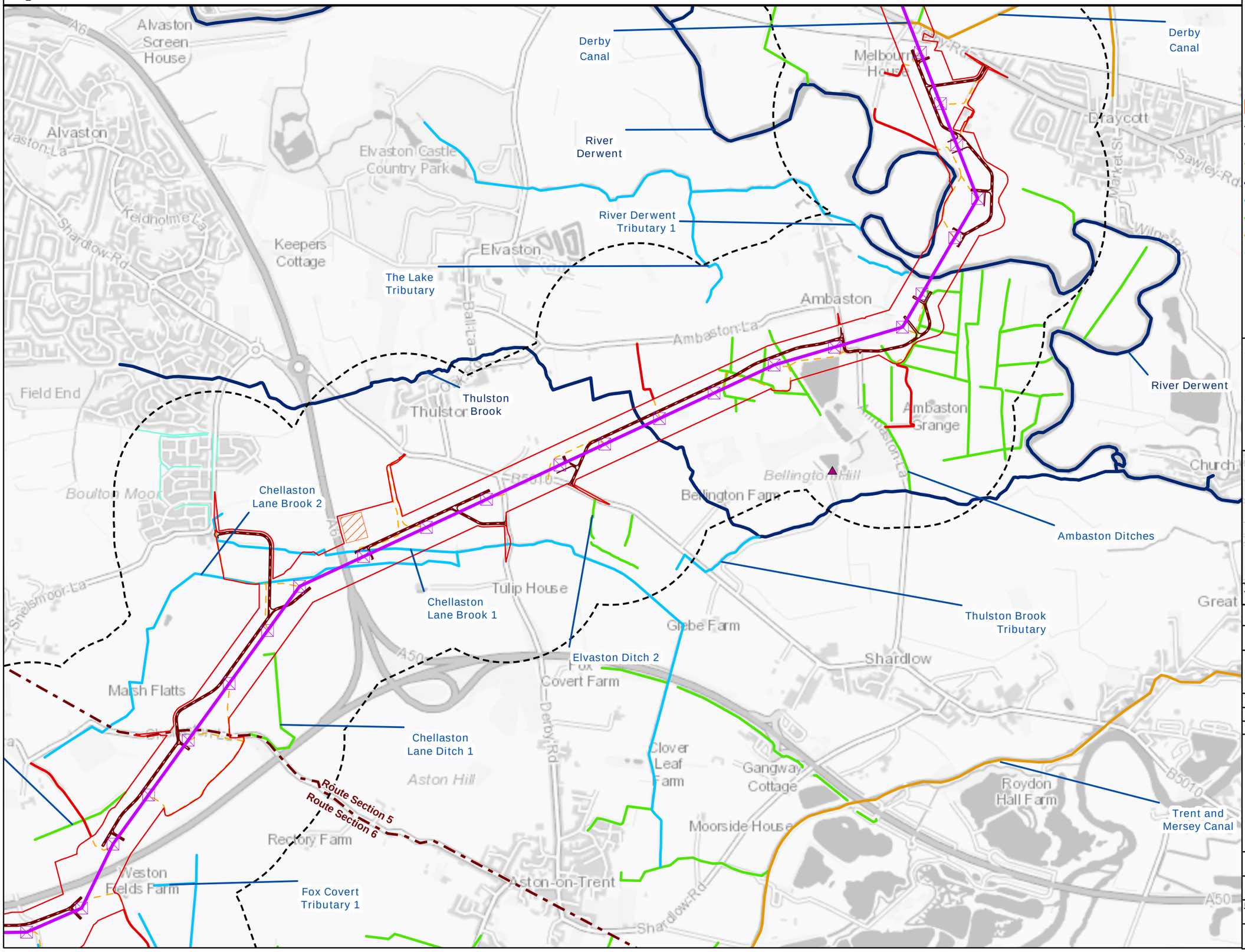
FIGURE 9.1:
WATERCOURSES



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Statutory Main River
- Ordinary Watercourse
- Ditch
- Canal
- Drain

Notes

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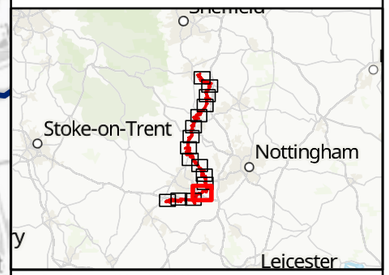

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 800 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON WATERCOURSES

nationalgrid

Figure Number	Drawing Reference		
Figure 9.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000009		

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 13 OF 16	1

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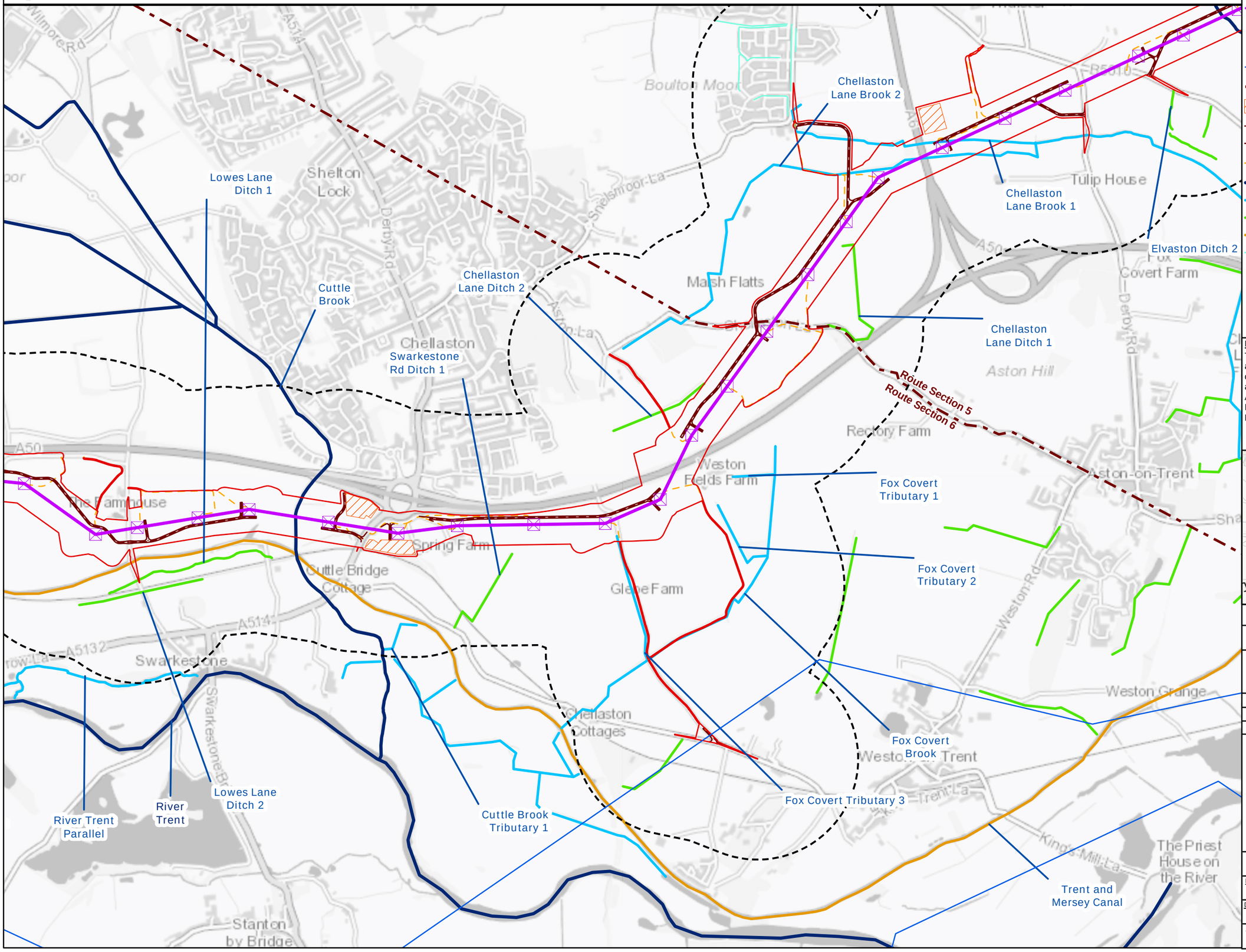
FIGURE 9.1:
WATERCOURSES



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 400kV
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Statutory Main River
- Ordinary Watercourse
- Ditch
- Canal
- Drain

Notes

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Coordinate System: British National Grid

Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON WATERCOURSES

nationalgrid

Figure Number: Figure 9.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000009

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 14 OF 16	1

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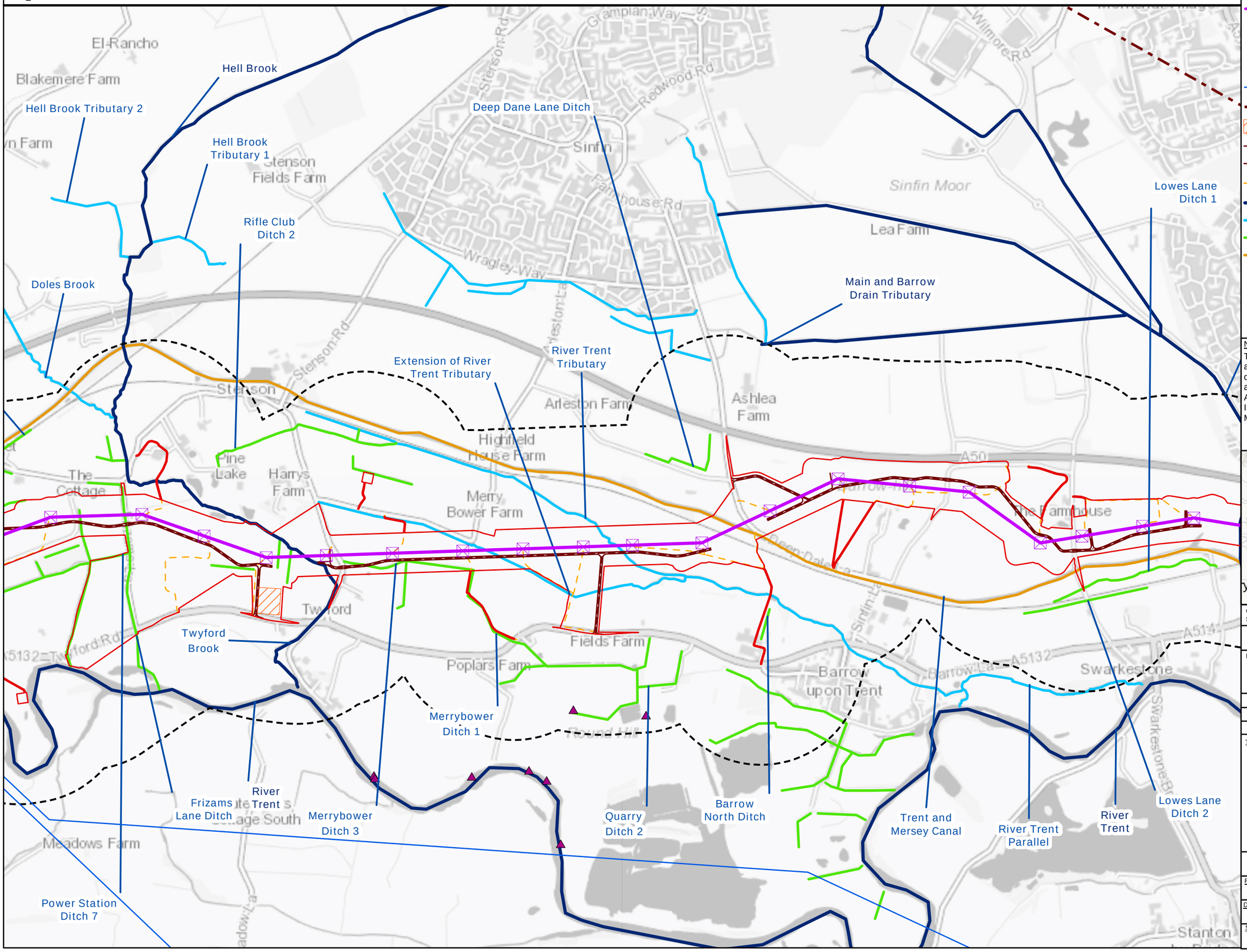
FIGURE 9.1:
WATERCOURSES



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Statutory Main River
- Ordinary Watercourse
- Ditch
- Canal

Notes

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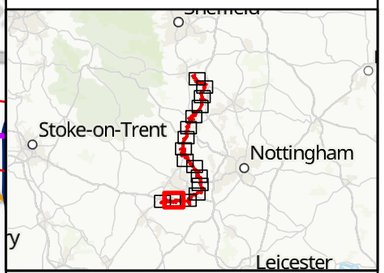

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
WATERCOURSES

nationalgrid

Figure Number	Drawing Reference		
Figure 9.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000009		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:18,000	A3	SHEET 15 OF 16	1

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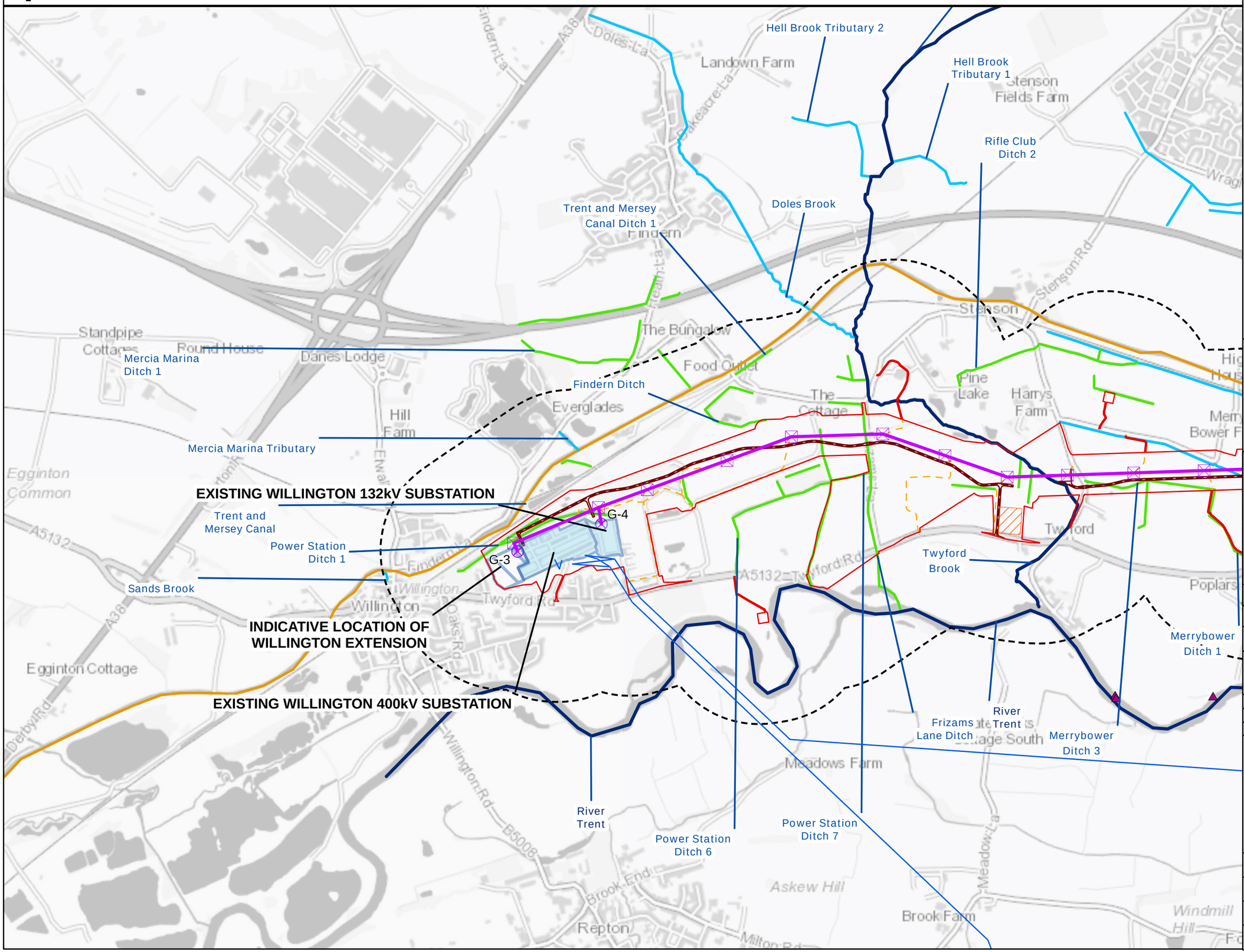
FIGURE 9.1:
WATERCOURSES



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Statutory Main River
- Ordinary Watercourse
- Ditch
- Canal

Notes
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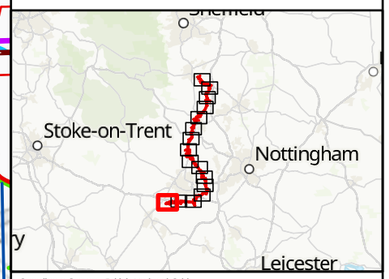

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON WATERCOURSES

nationalgrid

Figure Number
Figure 9.1

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000009

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 16 OF 16	1

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FIGURE 9.2:
WATER ABSTRACTIONS

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

Inset 1

G-1

G-2

Inset 1
Scale : 1:10000

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Construction Compound

Notes

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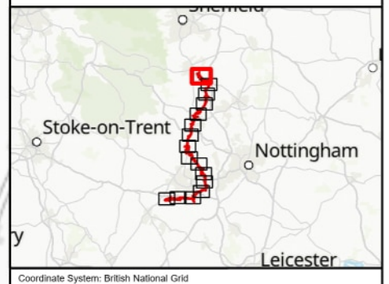

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 800
Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number: Figure 9.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-0001125

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 1 OF 16	1

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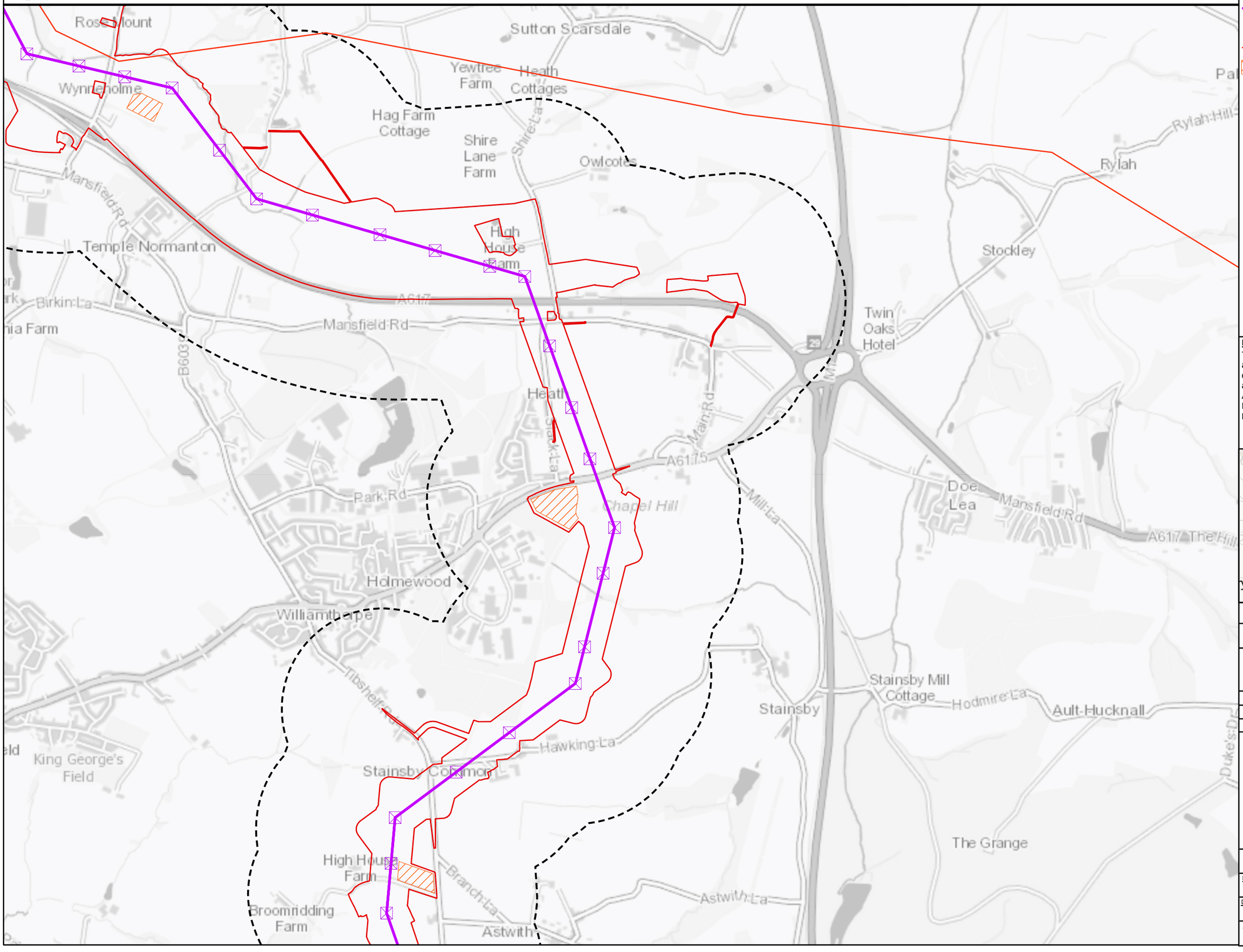
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 800 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number: Figure 9.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-0001125

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 2 OF 16	1

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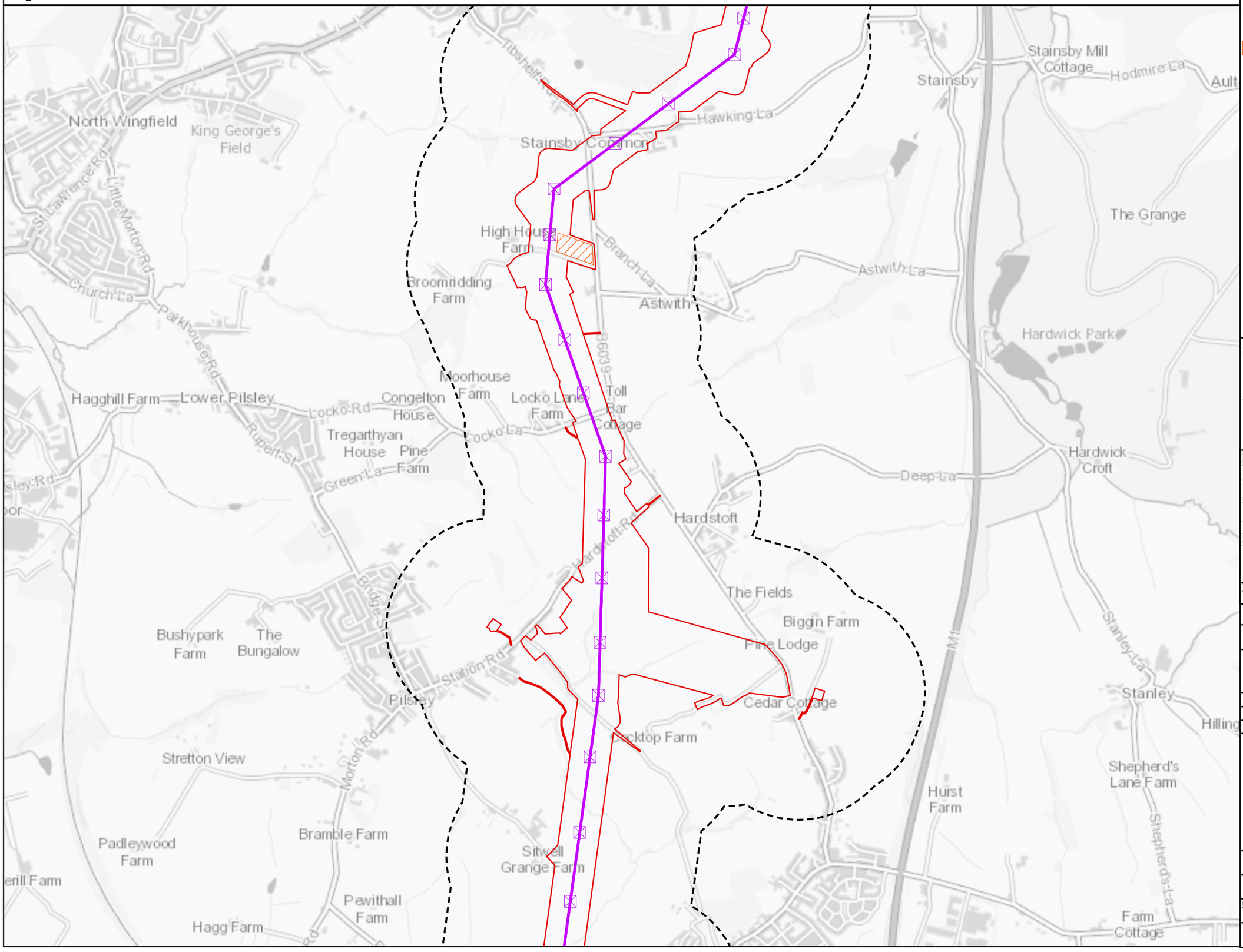
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound

Notes

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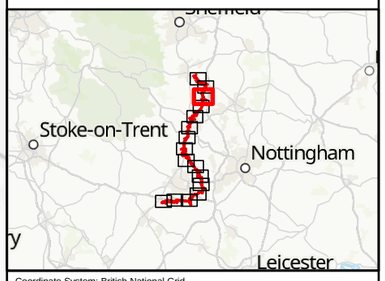

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

0 200 400 800 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number: Figure 9.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-0001125

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 3 OF 16	1

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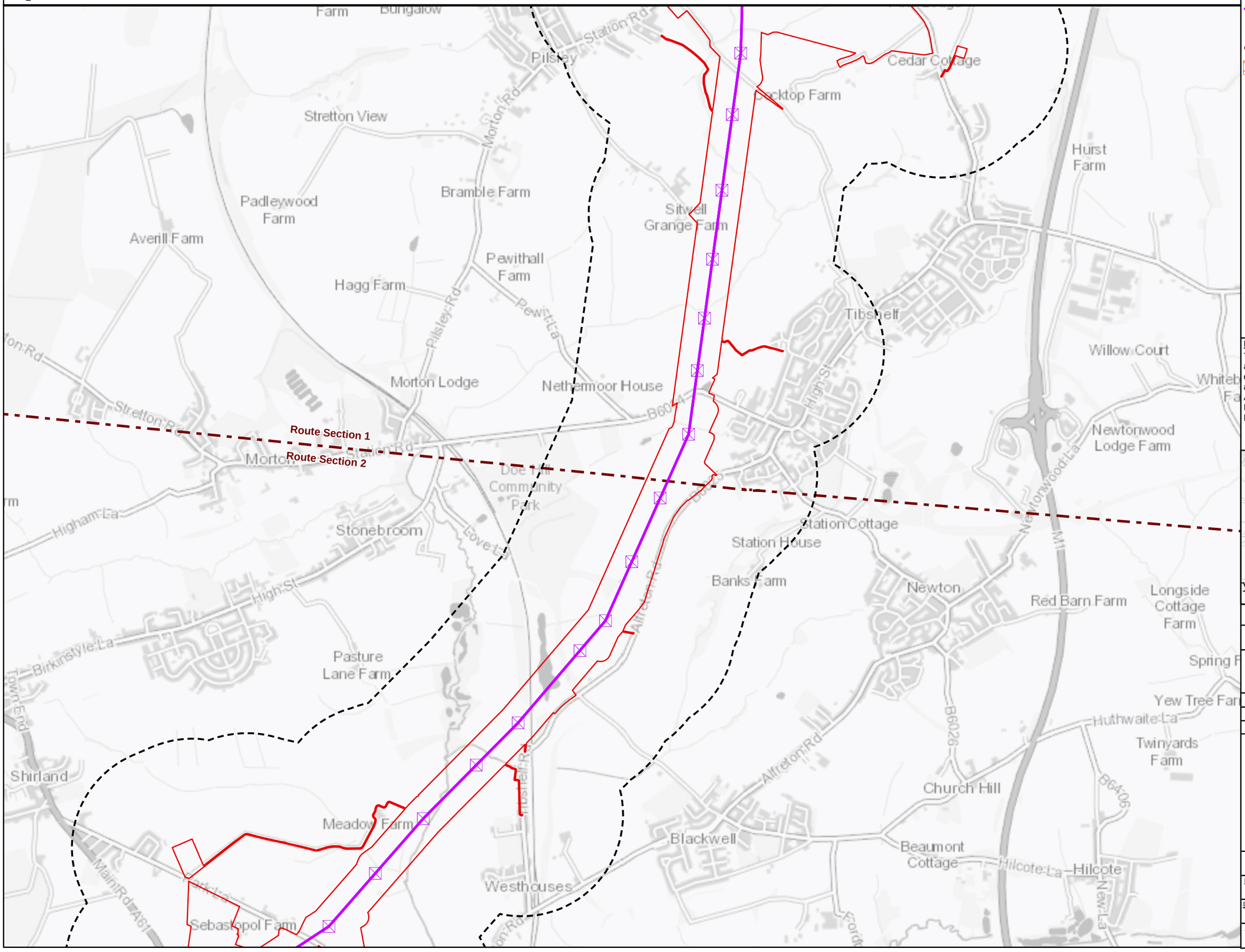
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number: Figure 9.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-0001125

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 4 OF 16	1

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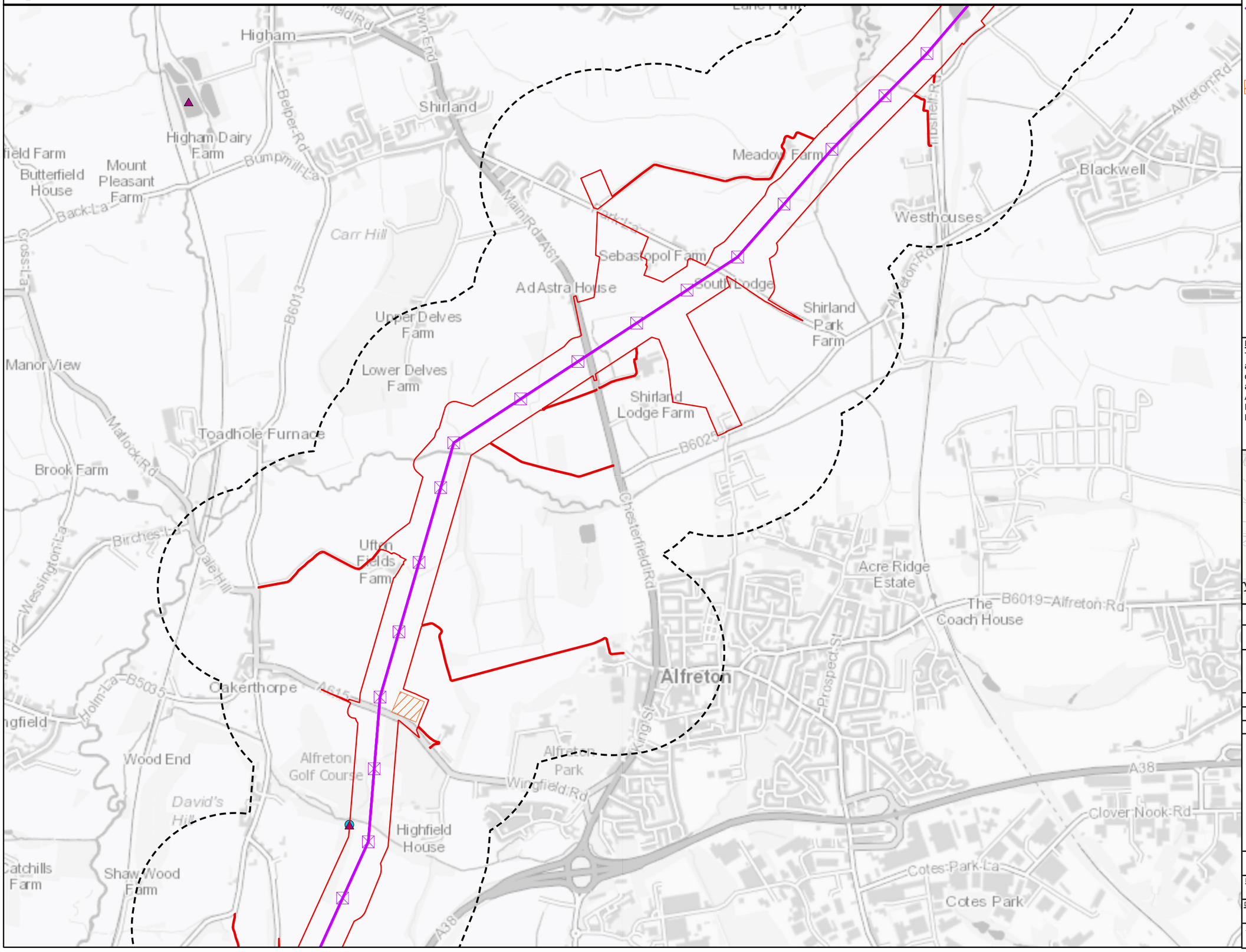
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Surface Water
- Indicative Construction Compound

Notes

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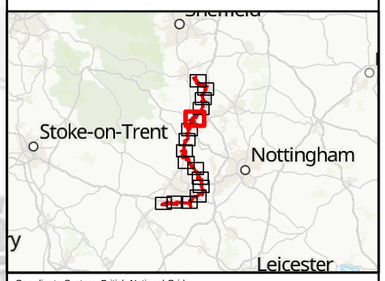

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

0 200 400 800
Metres

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CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number: Figure 9.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-0001125

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 5 OF 16	1

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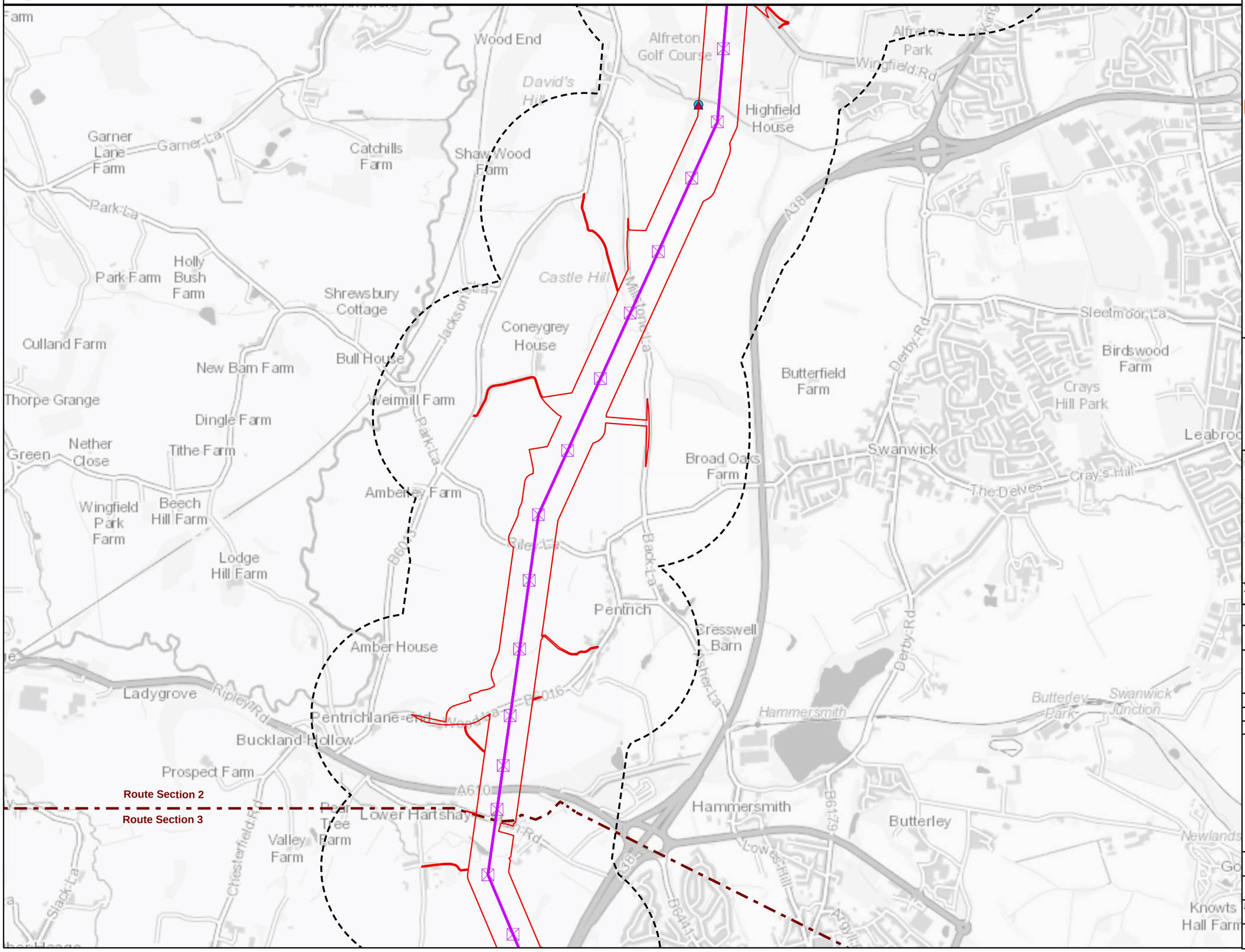
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Route Section Break
- Surface Water
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

0 200 400 800
Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
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Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number
Figure 9.2

Drawing Reference
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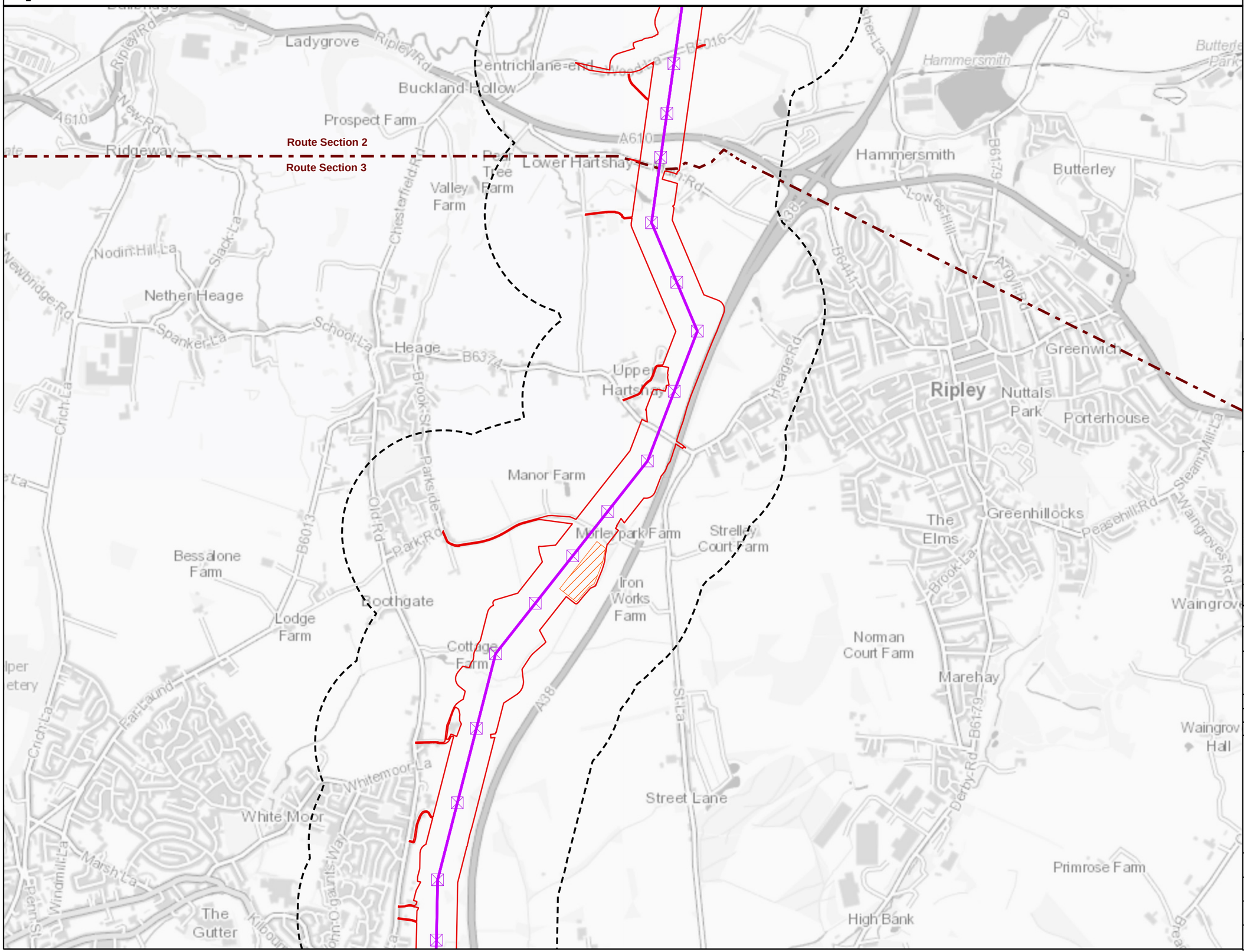
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound

Notes
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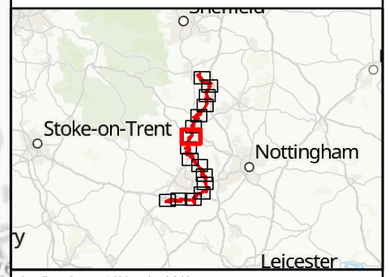

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number
Figure 9.2

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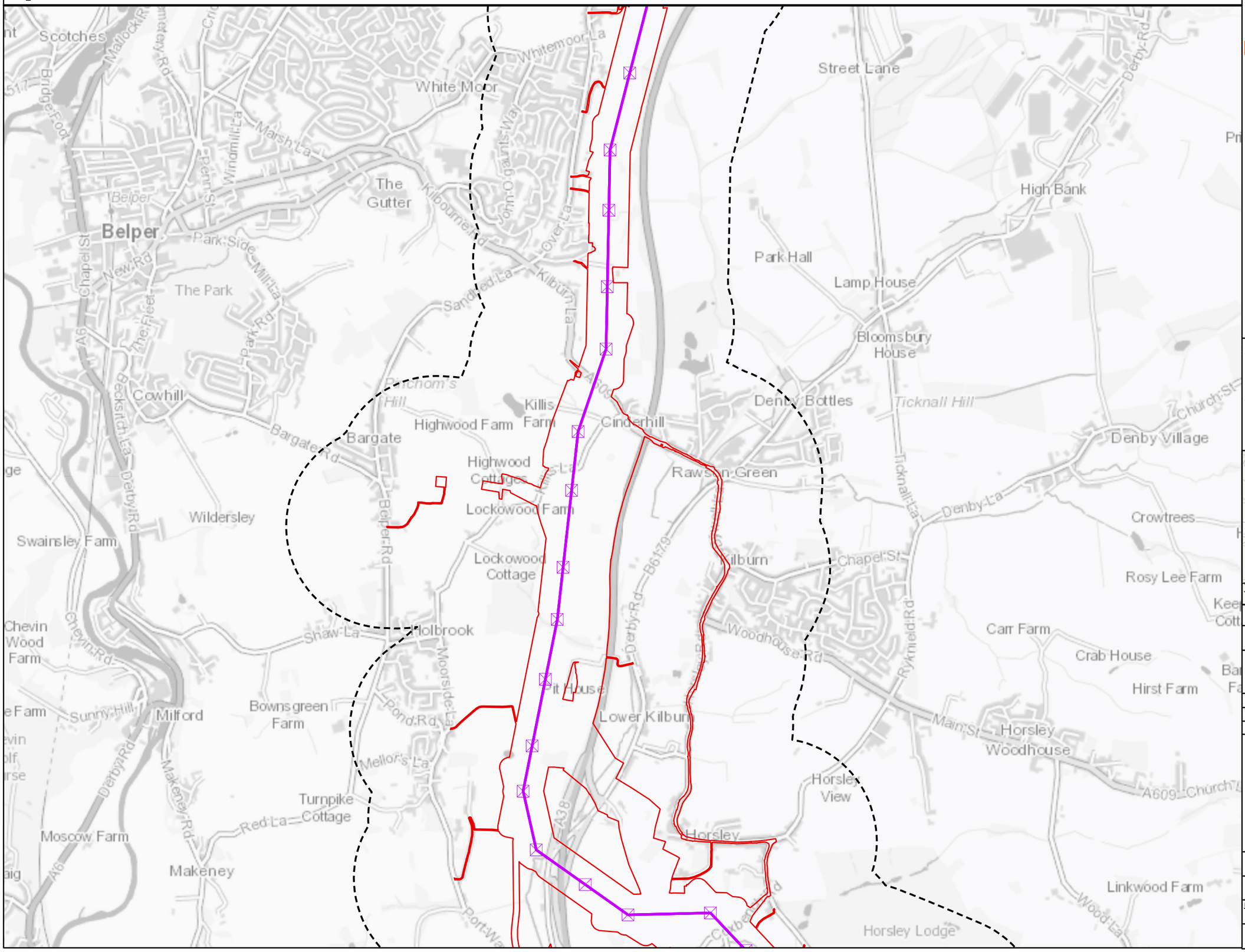
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound

Notes

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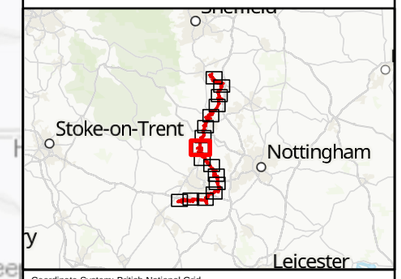

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number
Figure 9.2

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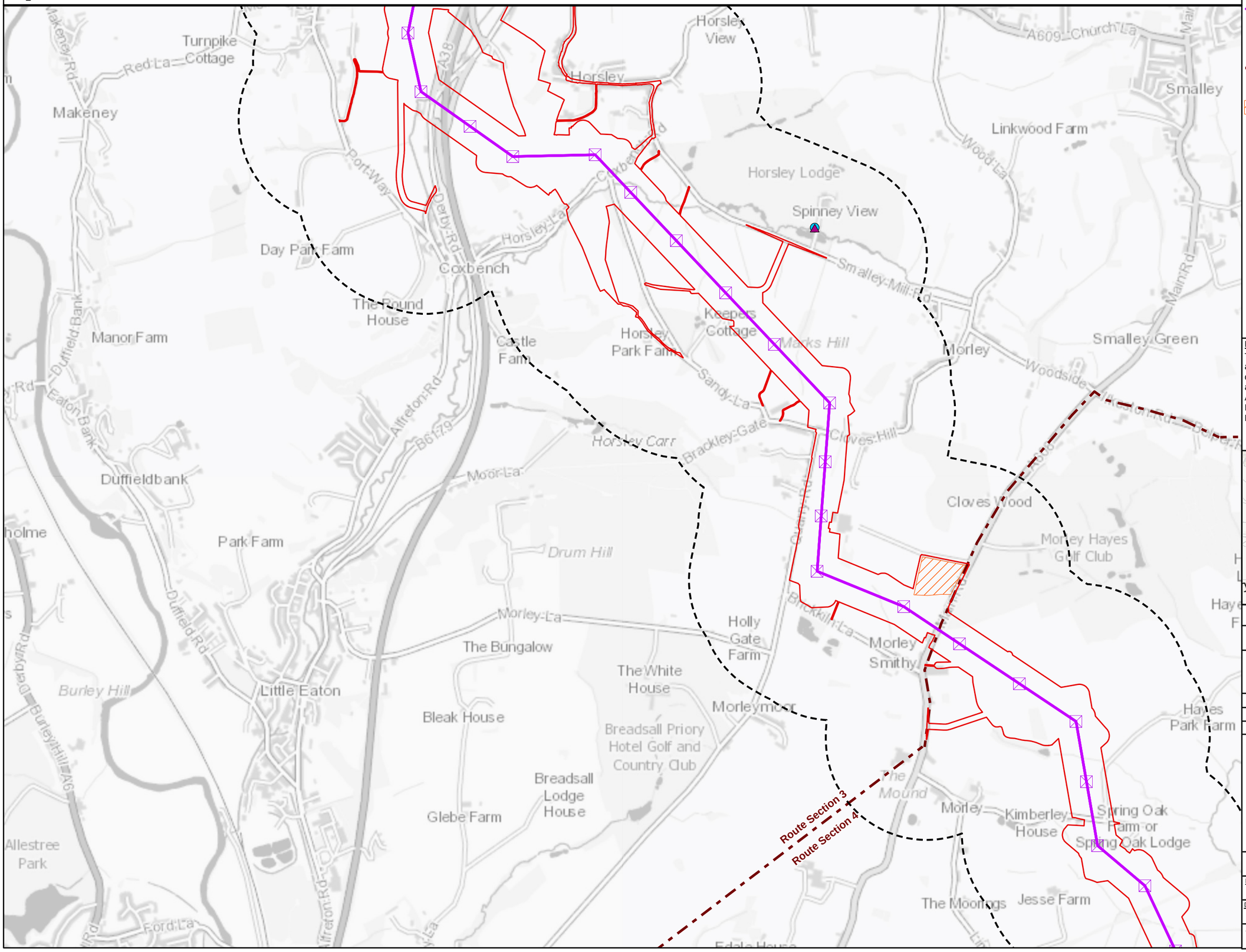
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Route Section Break
- Surface Water
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437924.48E Sheet Y Centroid Coordinate: 342501.76N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

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Figure Number
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FIGURE 9.2:
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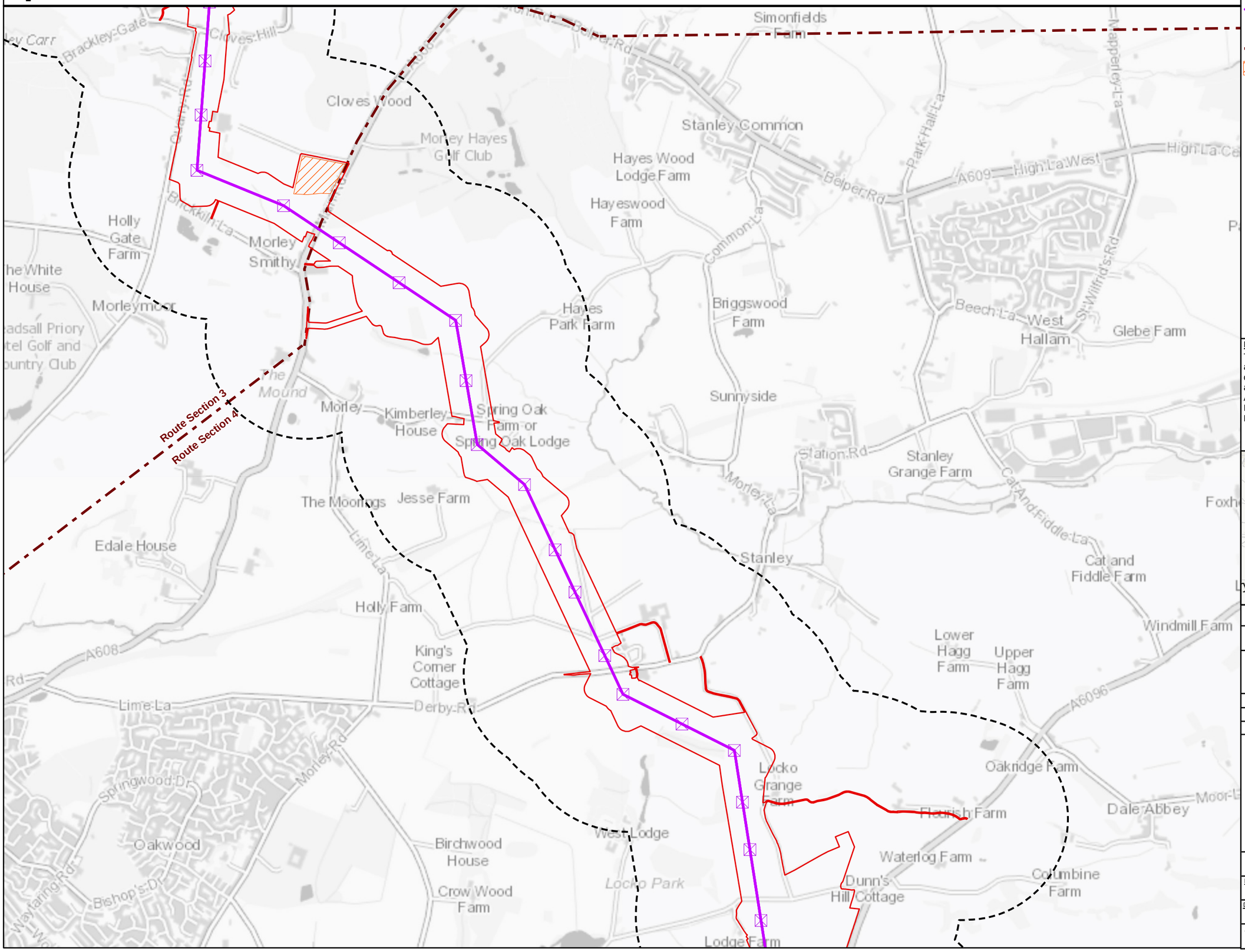

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound

Notes

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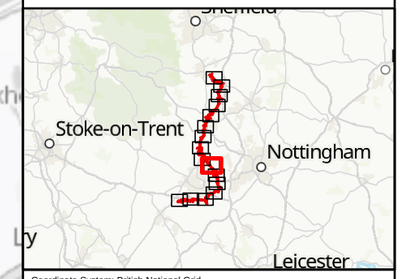

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

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Metres

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CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

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Figure Number
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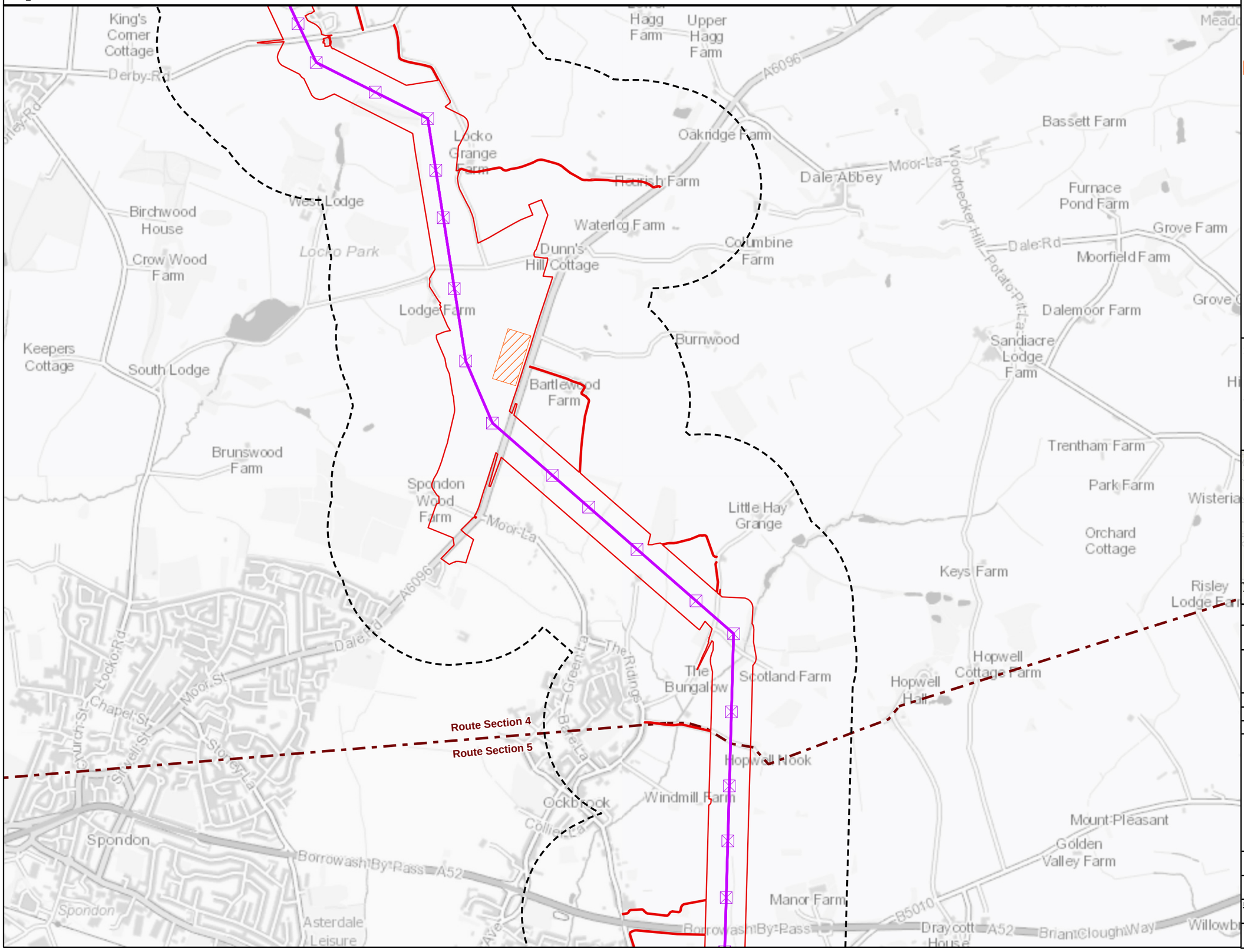
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound

Notes

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Sheet X Centroid Coordinate: 442538E Sheet Y Centroid Coordinate: 337359.31N

0 200 400 800
Metres

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CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

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Figure Number
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FIGURE 9.2:
WATER ABSTRACTIONS

Route Section 4
Route Section 5

Keys Farm
Risley Lodge Farm
Hopwell Cottage Farm
Hopwell Hall
The Bungalow
Scotland Farm
Hopwell Nook
Windmill Farm
Ockbrook
Spondon
Borrowash By-Pass A52
Asterdale Leisure Centre
A6005
Borrowash
Manor Farm
B5010
Draycott A52
Brian Clough Way
Willowbrook Farm
Mount Pleasant
Golden Valley Farm
Draycott House
Draycott House Farm
Brookfield House
Grange Farm
Tudor Court
Derwent Manor
Draycott Fields Farm
Cottage Farm
Melbourne House
Elvaston Castle Country Park
Keepers Cottage
Elvaston
Ambaston
Elms Lodge
Netherlands
Sawley Rd
Wilne Rd
Hopwell Rd
Derby Rd
Nottingham Rd
Cole La
Green La
The Ridings
Chapel St
Moor St
Stanley La
Dale Rd
Locko Rd
Victoria Ave

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound

Notes

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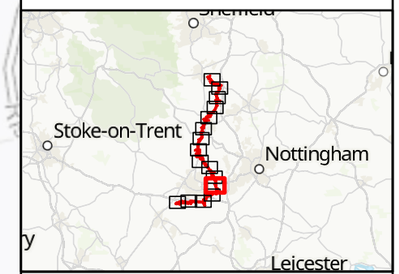

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 800 Metres

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WATER ABSTRACTIONS

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Figure Number
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Drawing Reference
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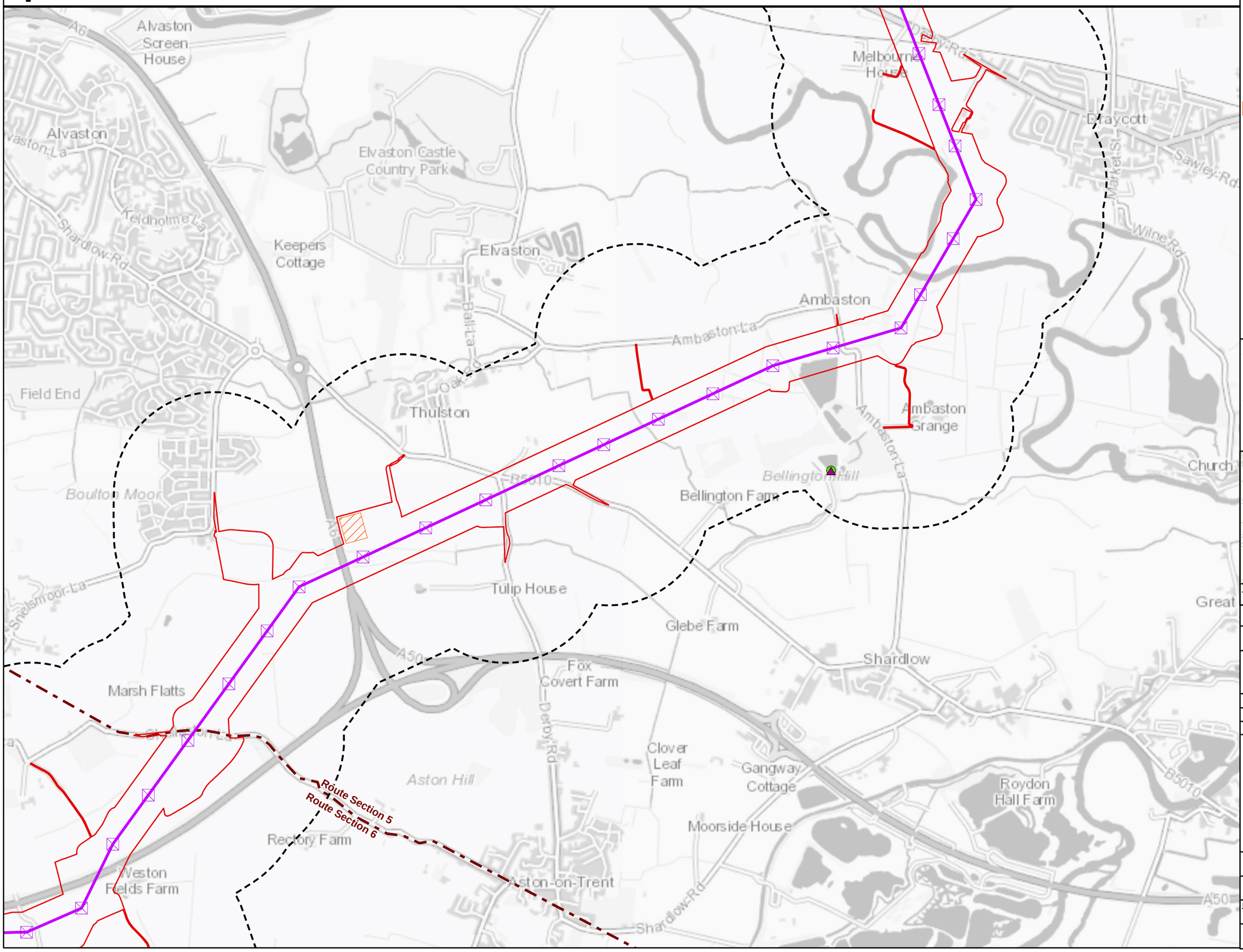
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Route Section Break
- Groundwater
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 800
Metres

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CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

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Figure Number	Drawing Reference		
Figure 9.2	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-0001125		
Scale	**Sheet Size**	**Sheet**	**Issue**
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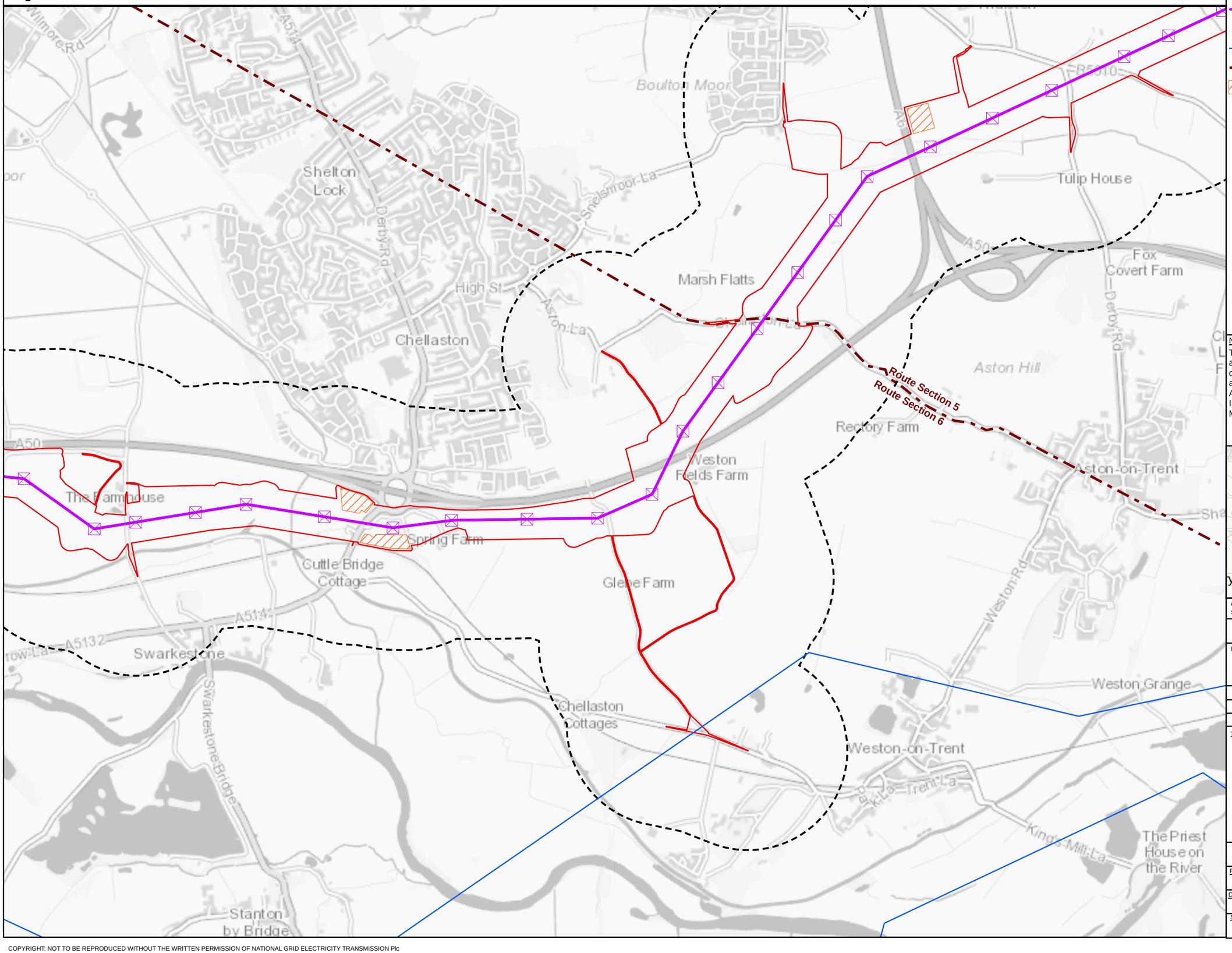
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Overhead Line 400kV
- Route Section Break
- Indicative Construction Compound

Notes

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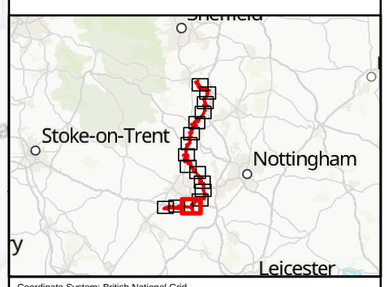

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 800 Metres

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WATER ABSTRACTIONS

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Figure Number: Figure 9.2

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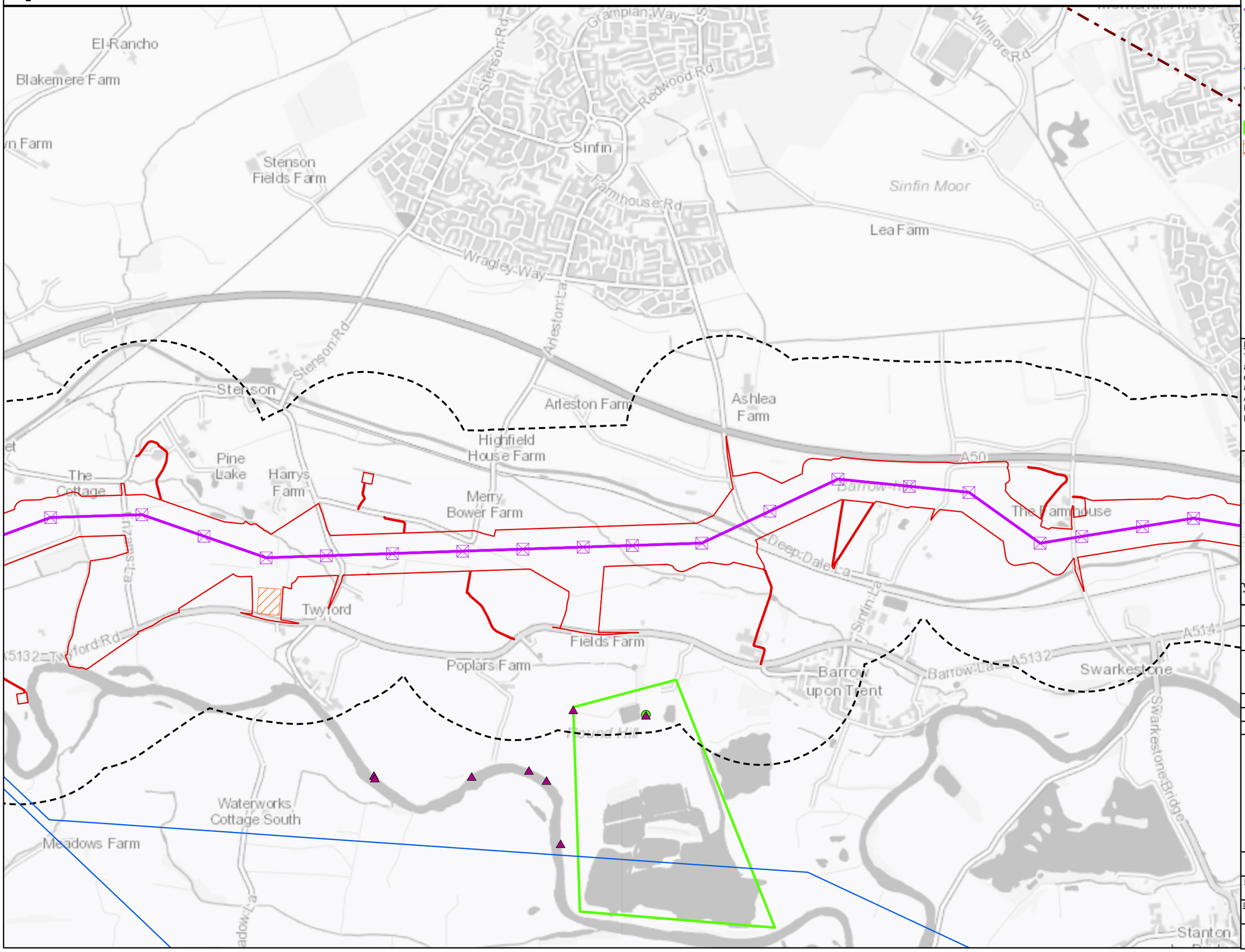
FIGURE 9.2:
WATER ABSTRACTIONS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Route Section Break
- Groundwater
- Groundwater
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

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Figure Number
Figure 9.2

Drawing Reference
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FIGURE 9.2:
WATER ABSTRACTIONS

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

G-3

G-4

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Construction Compound

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
WATER ABSTRACTIONS

nationalgrid

Figure Number
Figure 9.2

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FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

Inset 1

G-1

G-2

Inset 1
Scale 1:10000

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Existing overhead line - 275kV
- Existing Substation Site Boundary
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 110 230 450 680 900 Metres

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Title

CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number: Figure 9A.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075

Scale	Sheet Size	Sheet	Issue
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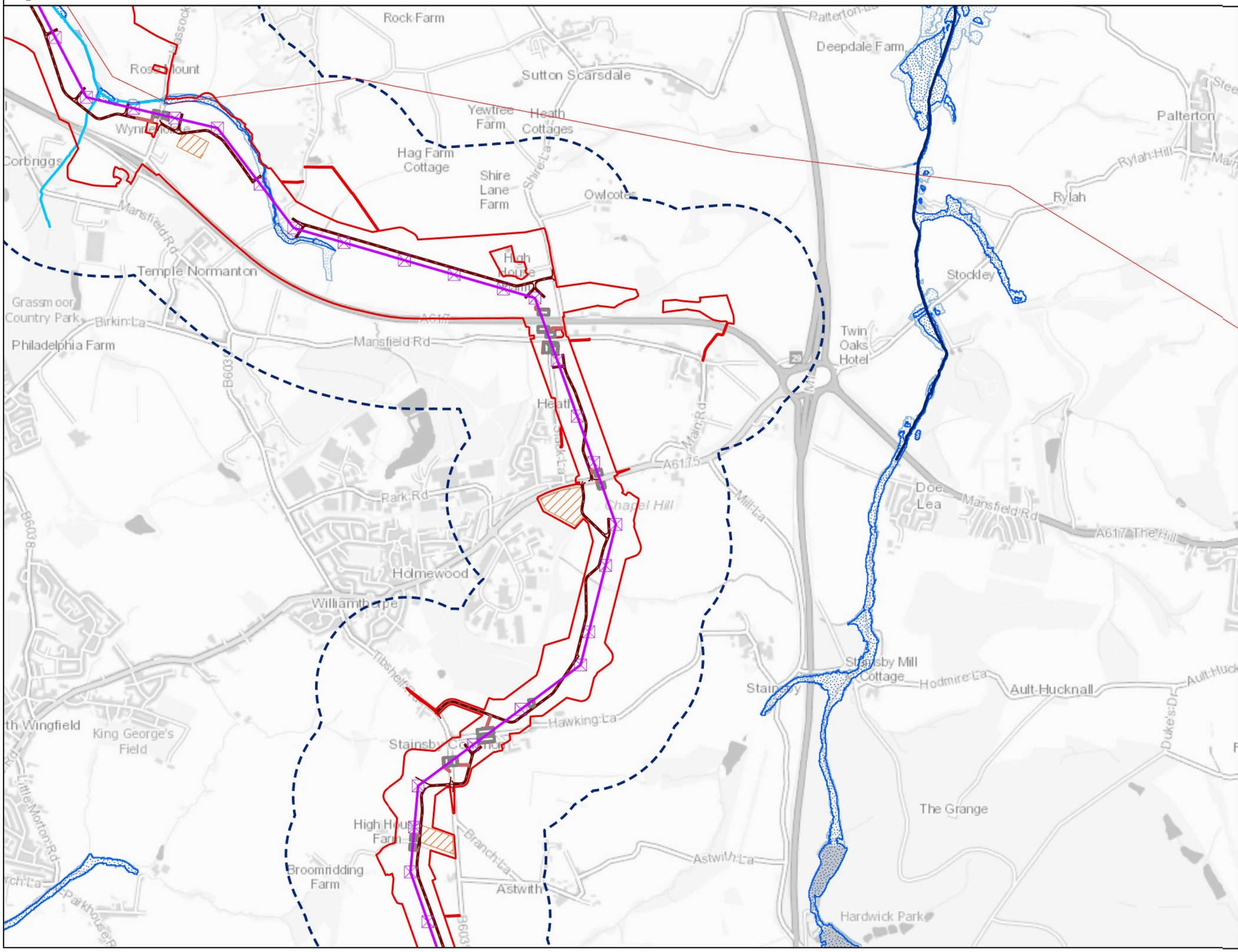
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 275kV
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 110 230 450 680 900 Metres

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CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075		
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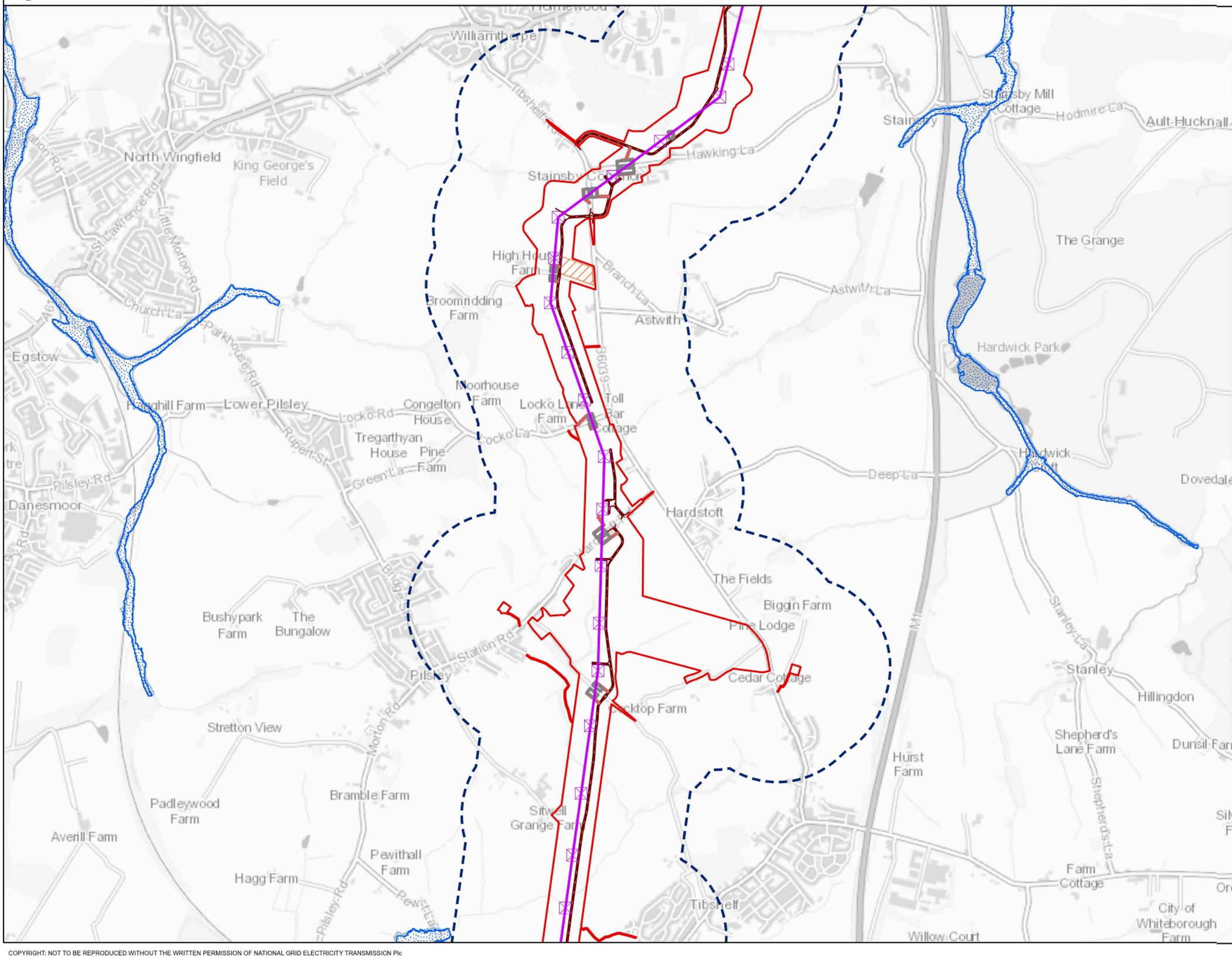
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes

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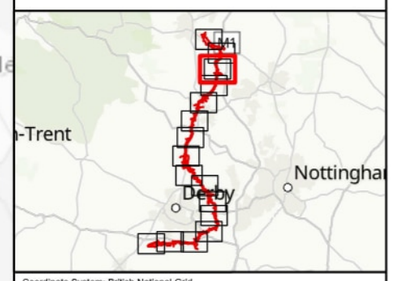

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

0 110 230 450 680 900
Metres

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Title

CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075		
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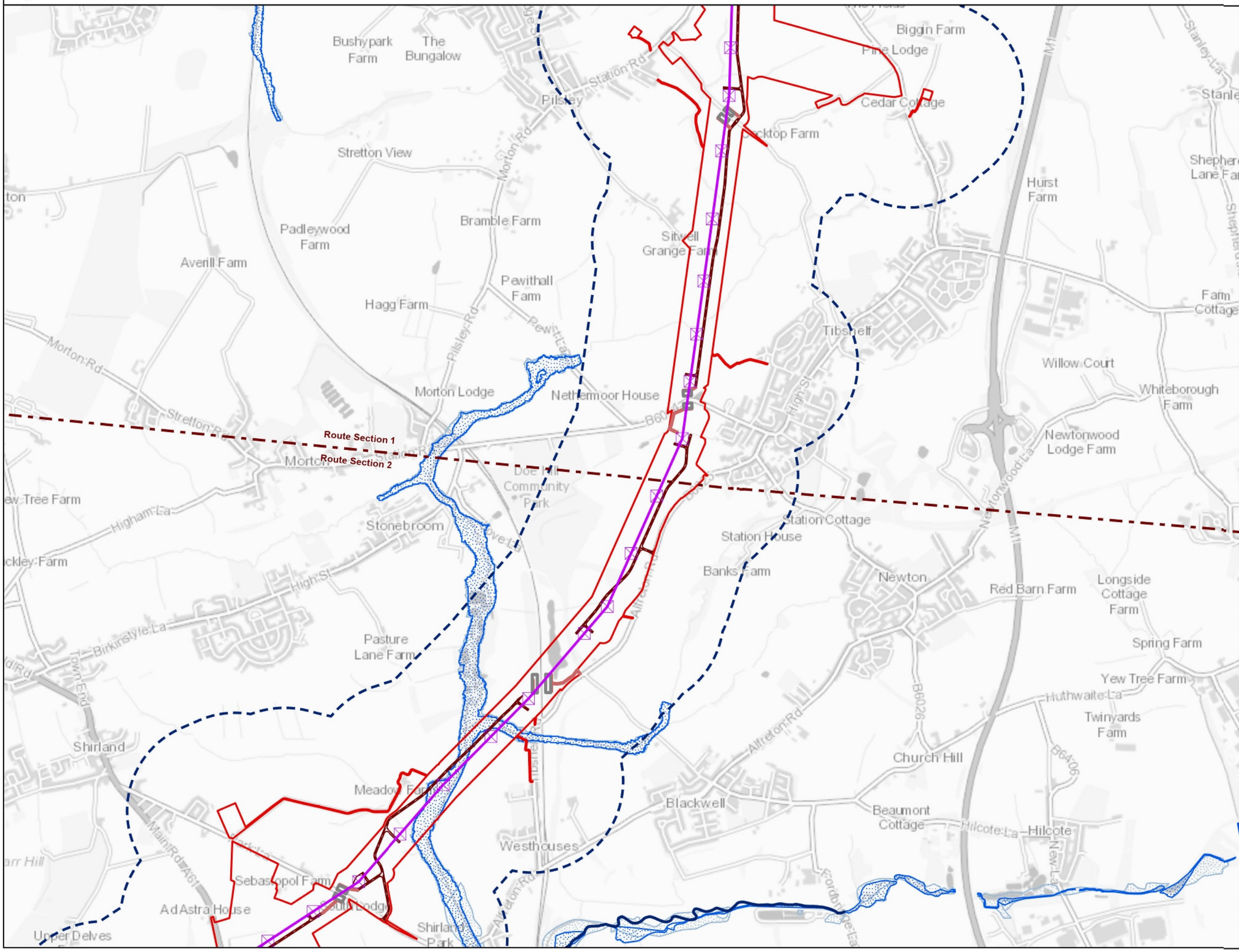
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

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FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
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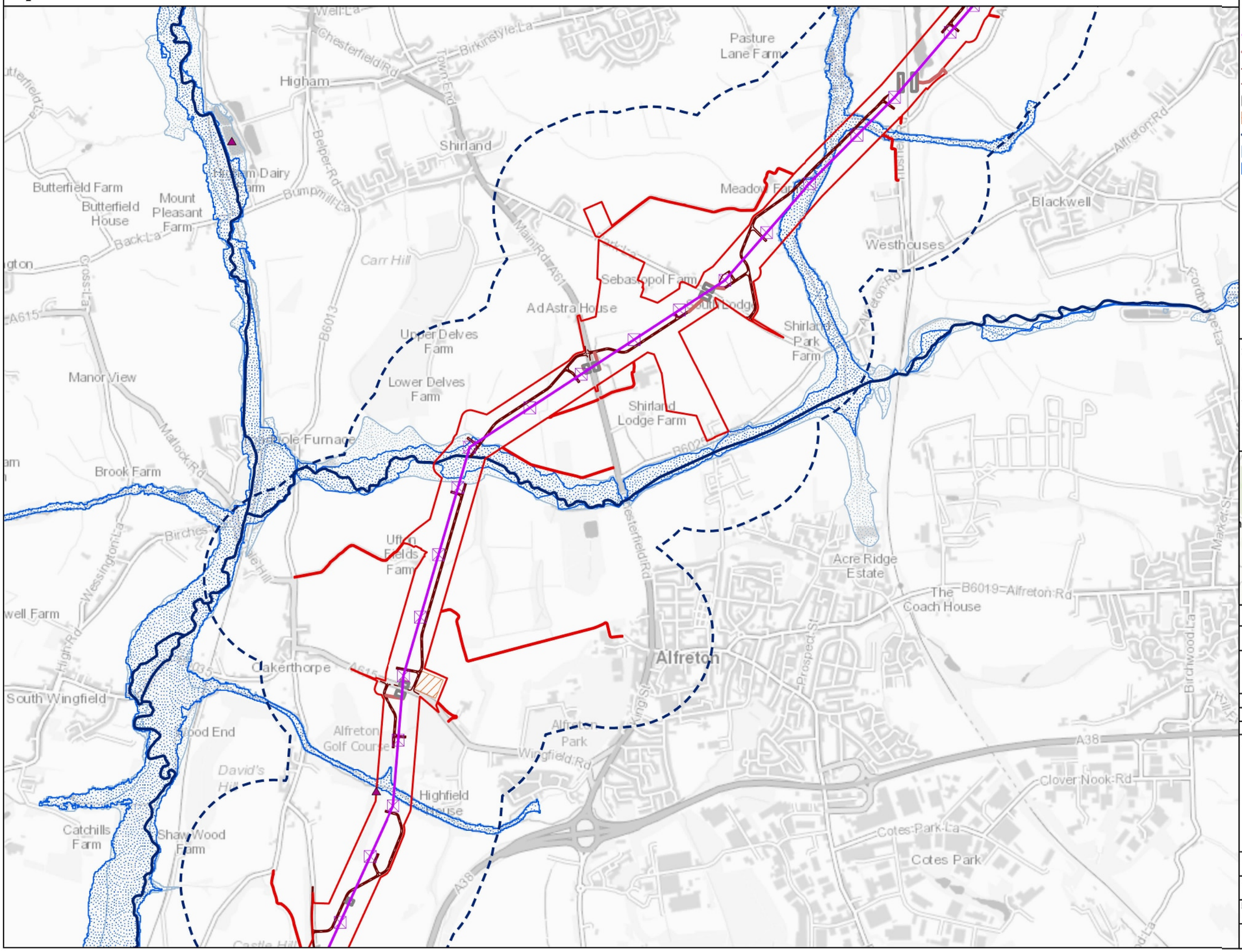
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

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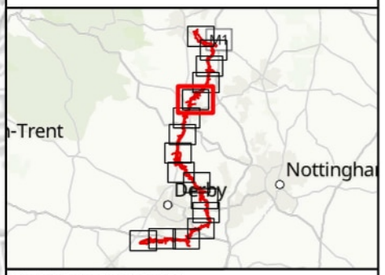

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

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Metres

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FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number: Figure 9A.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075

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1:20,000	A3	SHEET 5 OF 16	1

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FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK

Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes
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FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number
Figure 9A.1

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK

Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
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0 110 230 450 680 900 Metres

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FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number	Drawing Reference		
Figure 9A.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075		
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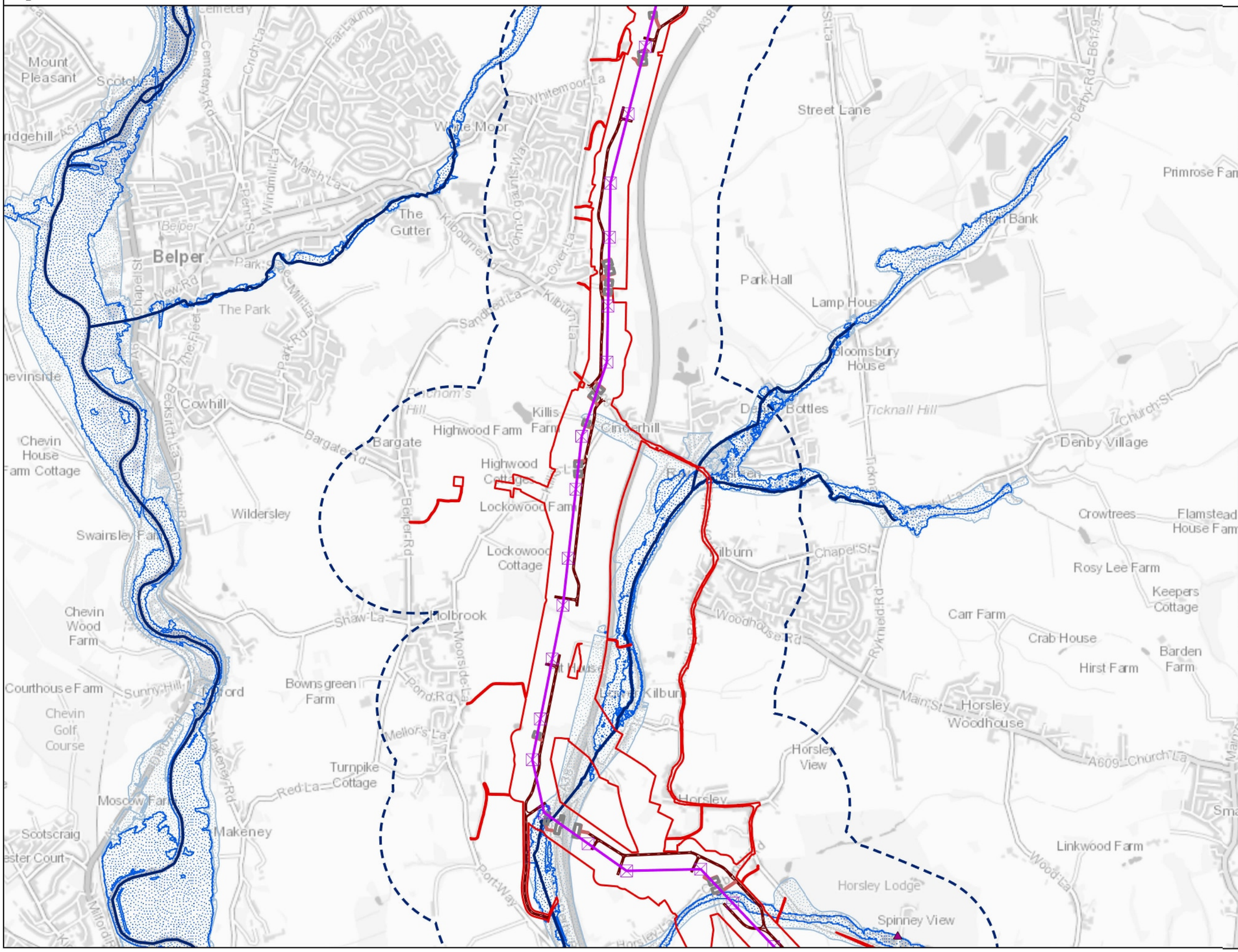
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

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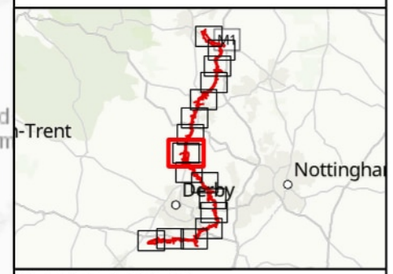

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

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Metres

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FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number
Figure 9A.1

Drawing Reference
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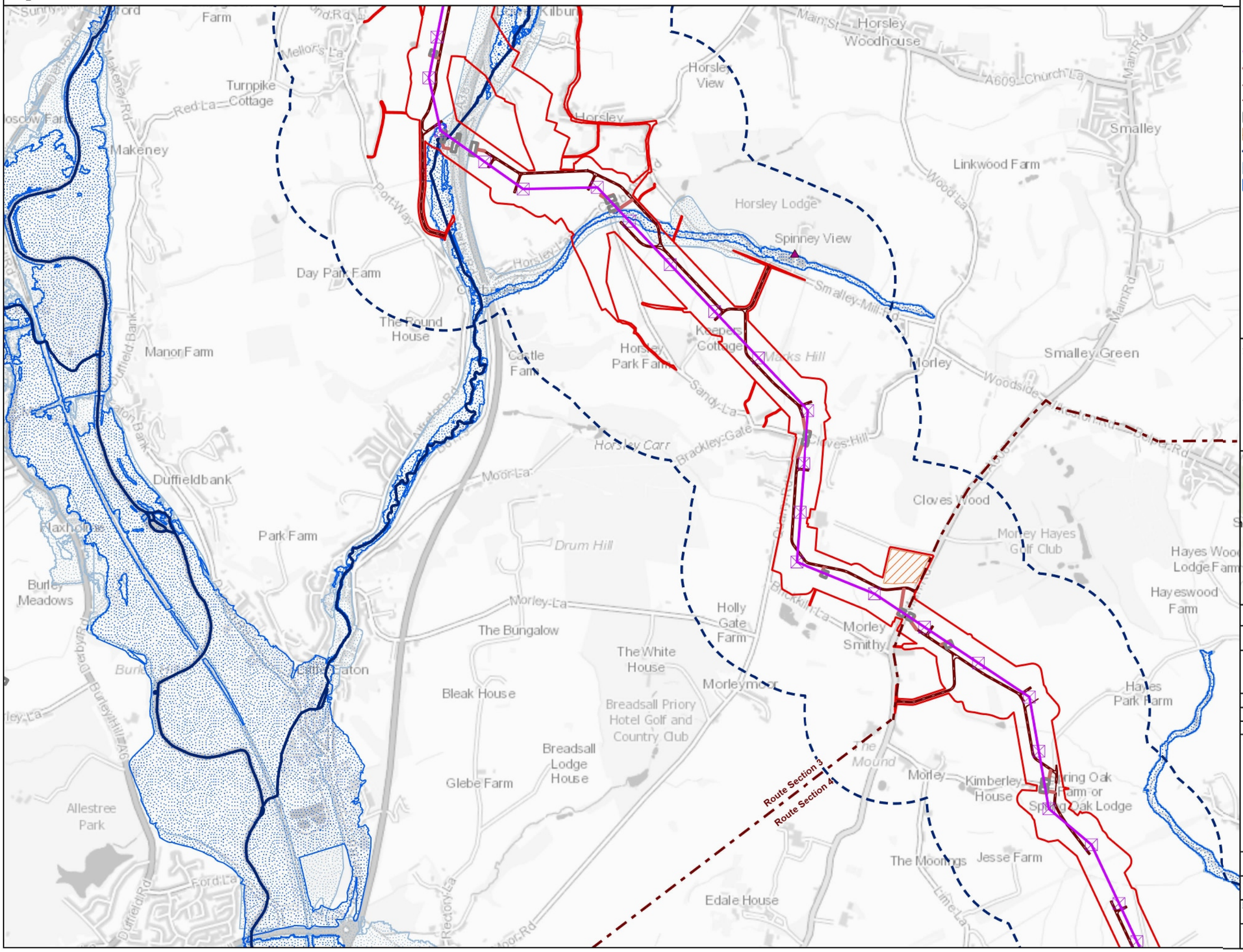
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

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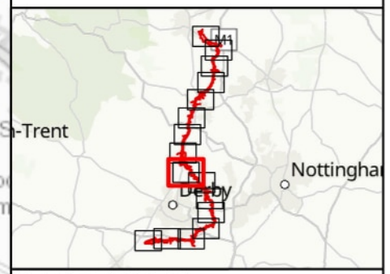

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437924.48E Sheet Y Centroid Coordinate: 342501.76N

0 110 230 450 680 900 Metres

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Title

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FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 9 OF 16	1

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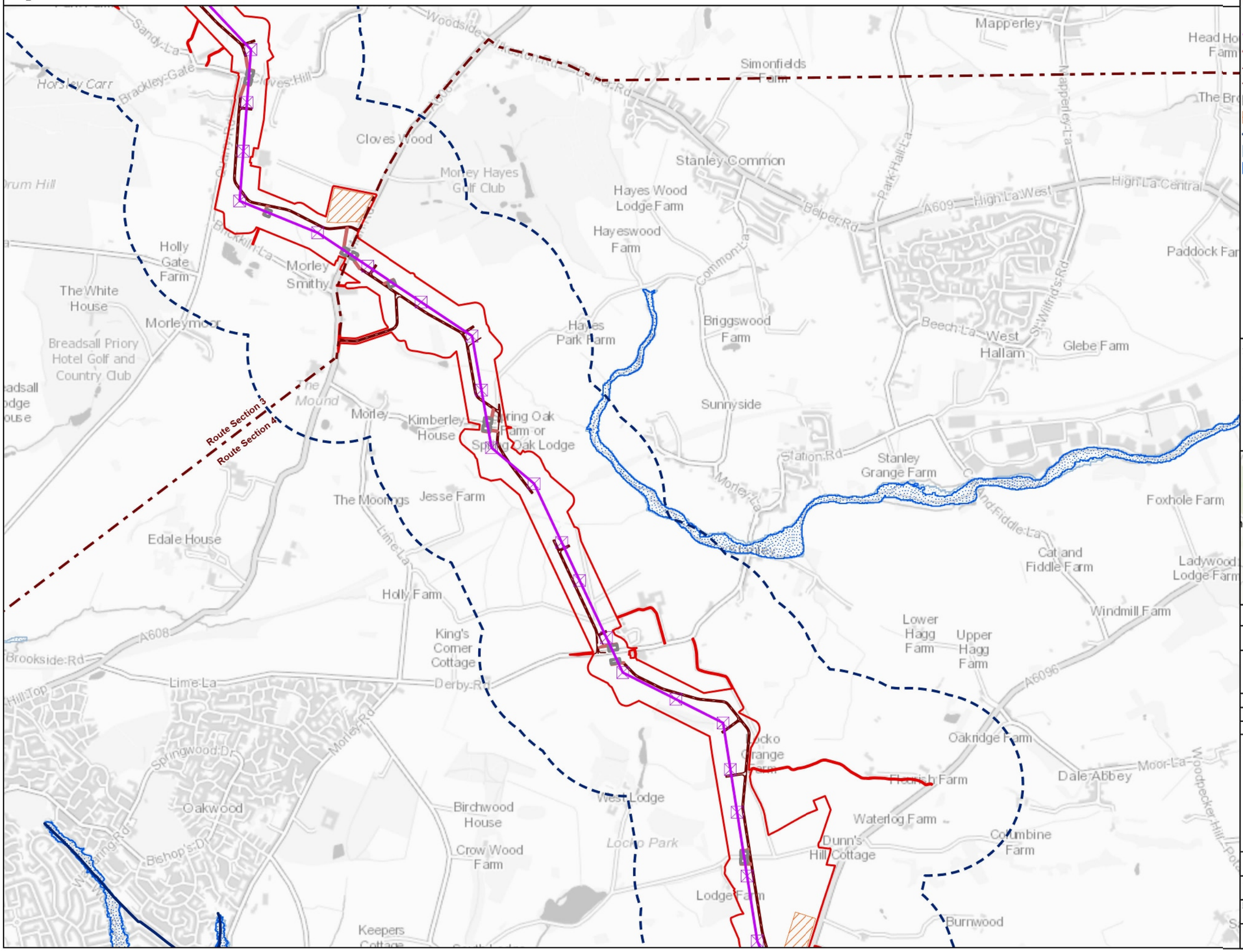
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
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- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
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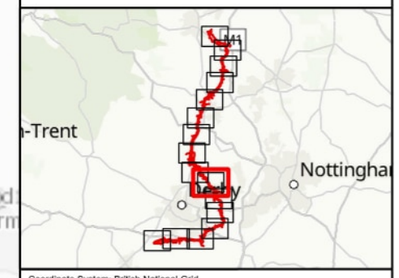

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 110 230 450 680 900
Metres

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Title

CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number			
Figure 9A.1			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075			
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FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK

Route Section 4
Route Section 5

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

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Title

CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number			
Figure 9A.1			
Drawing Reference			
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FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK

Route Section 4
Route Section 5

Little Hay Grange
Wood Farm
Moor La
A6096
Orchard Cottage
Keys Farm
Wisteria Farm
Maywood Farm
Risley Lodge Farm
Hopwell Cottage Farm
Hopwell Hall
Scotland Farm
Hopwell Brook
Windmill Farm
Ockbrook
Spondon
Borrowash By-Pass A52
Asterdale Leisure Centre
A6005
Borrowash
Manor Farm
B5010
Draycott A52
Brian Clough Way
Draycott House
Draycott House Farm
Brookfield House
Mount Pleasant
Golden Valley Farm
Risley
Willowbrook Farm
Breaston La
Grange Farm
Tudor Court
Derwent Mansion
Draycott Fields Farm
Cottage Farm
Melbourne House
Draycott
Breaston
Keepers Cottage
Elvaston
Ambaston
Lodge Farm
Grange Farm
Hopwell Rd
Cole La
Victoria Ave
Green La
The Ridings
Bate La
Chapel St
Moor St
Stony La
Church St
Locko Rd
Dale Rd
Swell St
Ball La

Legend
- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- EA Main River (England)
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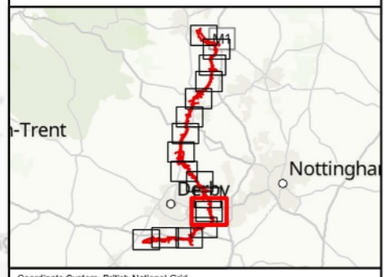

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0 110 230 450 680 900
Metres

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CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

nationalgrid

Figure Number			
Figure 9A.1			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075			
Scale	Sheet Size	Sheet	Issue
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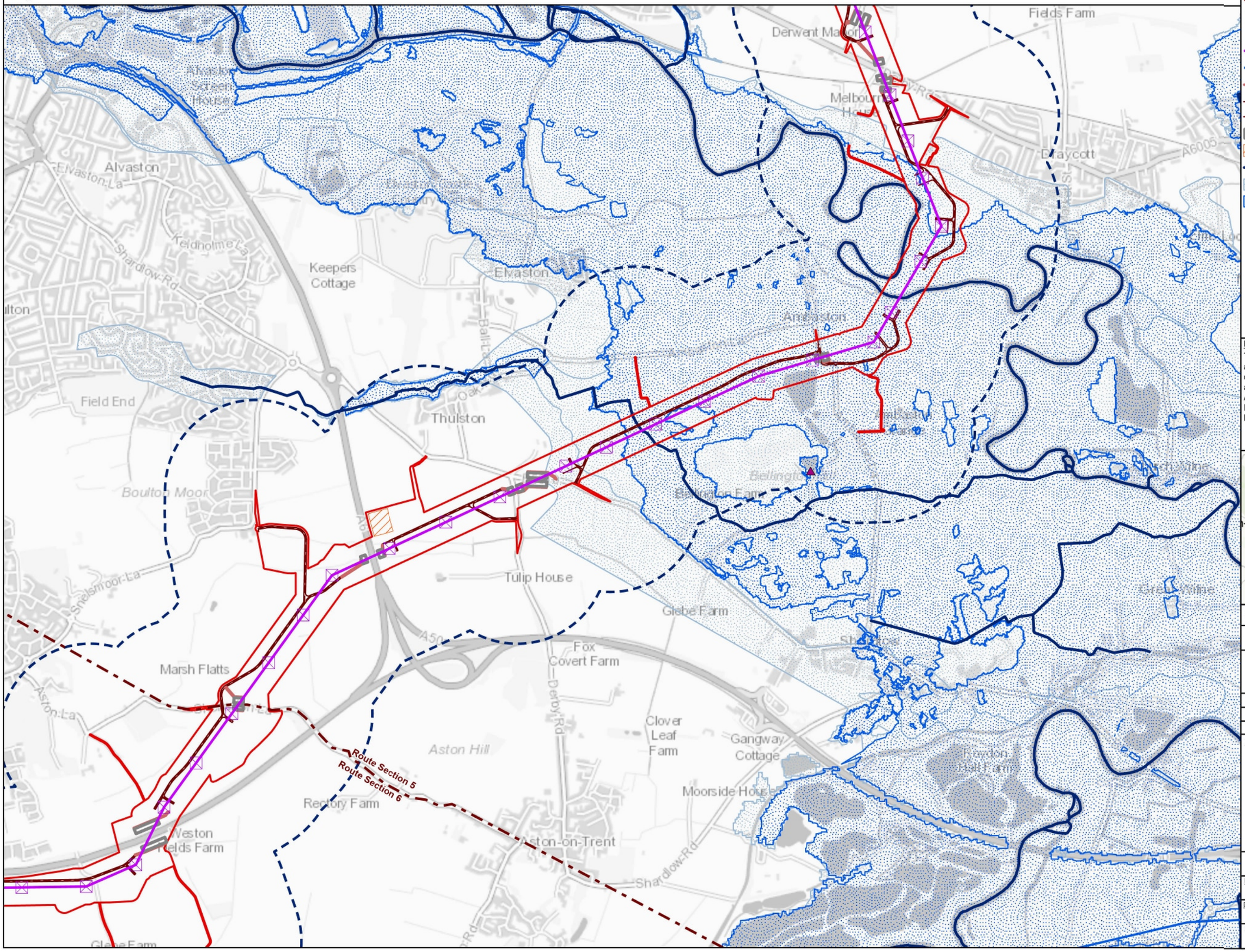
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
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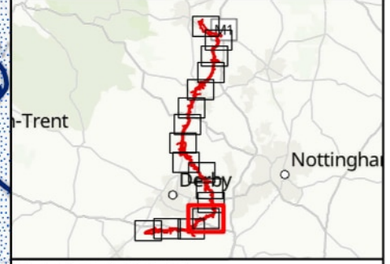

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 110 230 450 680 900 Metres

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nationalgrid

Figure Number	Drawing Reference		
Figure 9A.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075		
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1:20,000	A3	SHEET 13 OF 16	1

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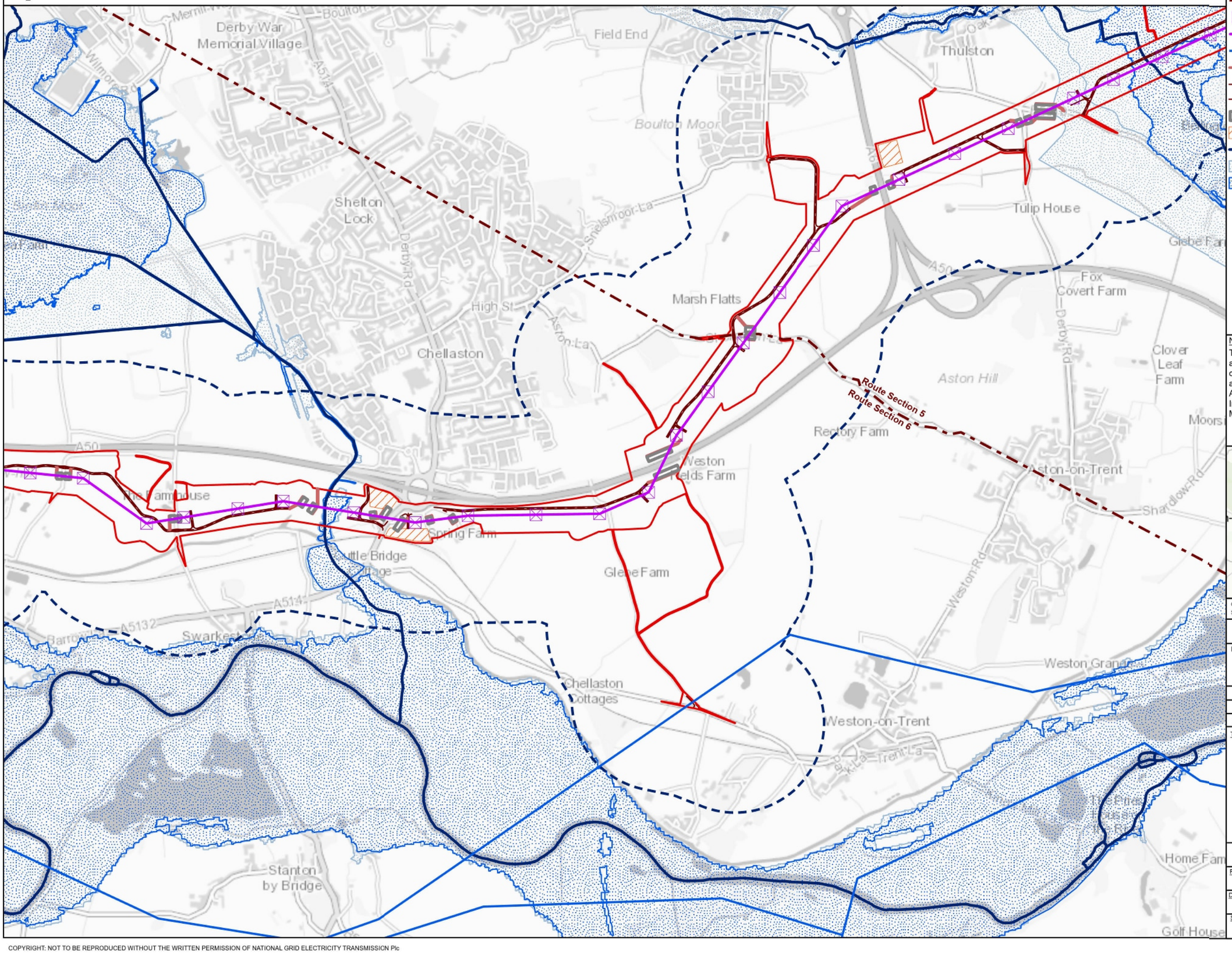
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes

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Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 110 230 450 680 900
Metres

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Title

CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number	
Figure 9A.1	
Drawing Reference	
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Scale	Sheet Size	Sheet	Issue
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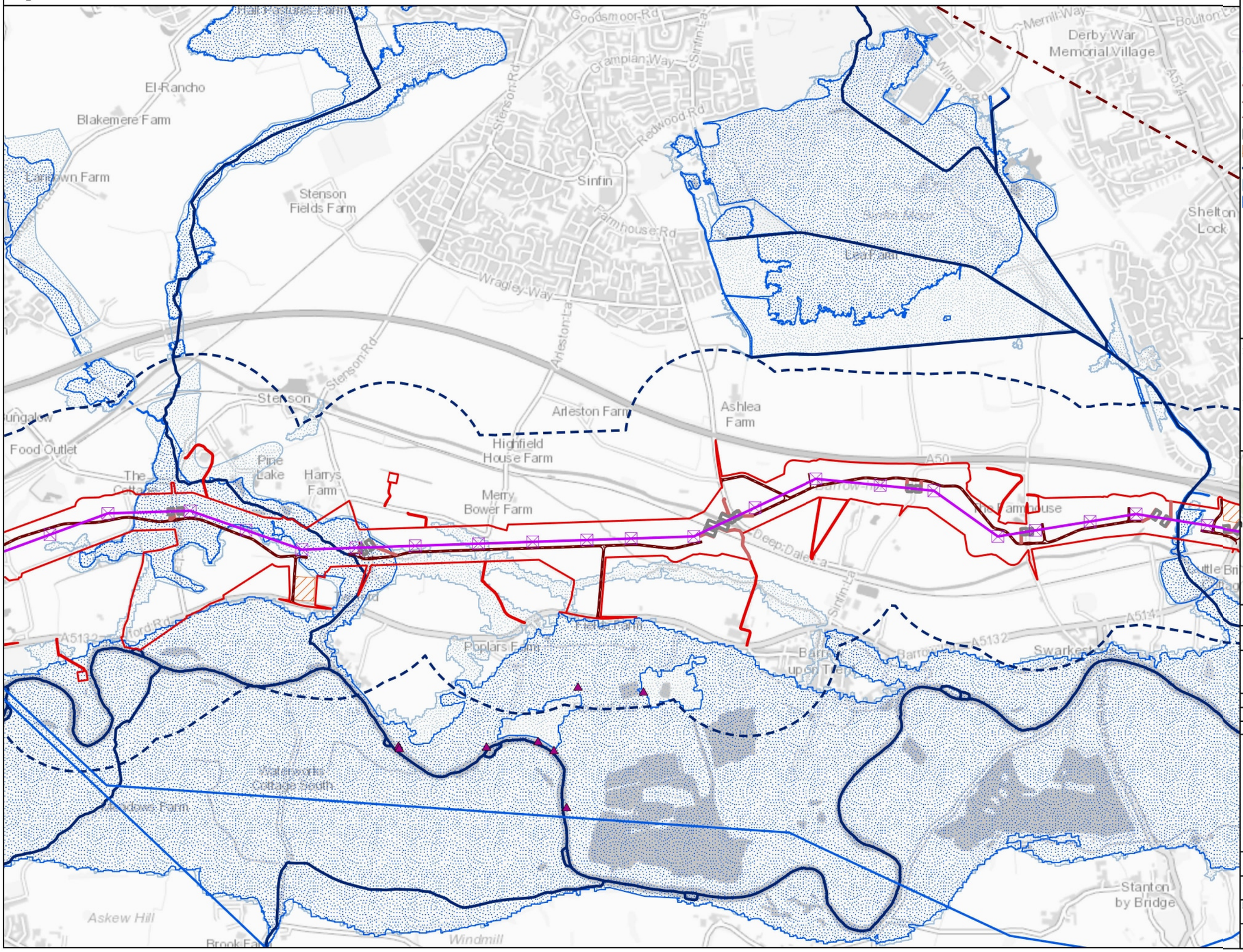
FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
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- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes

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0 110 230 450 680 900 Metres

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CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number: Figure 9A.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000075

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FIGURE 9A.1:
FLOOD MAP FOR PLANNING - FLUVIAL FLOOD RISK

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

G-3

G-4

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Scaffold Access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Flood Map for Planning (Rivers and Sea) - Flood Zone 2
- Flood Map for Planning (Rivers and Sea) - Flood Zone 3

Notes

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0 110 230 450 680 900 Metres

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CHESTERFIELD TO WILLINGTON
FLOOD MAP FOR PLANNING -
FLUVIAL FLOOD RISK

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Figure Number	Drawing Reference		
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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

Inset 1

Inset 1
Scale : 1:10000

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Existing overhead line - 275kV
- Existing Substation Site Boundary
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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0 150 300 600 900 Metres

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CHESTERFIELD TO WILLINGTON
HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number: Figure 9A.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000076

Scale	Sheet Size	Sheet	Issue
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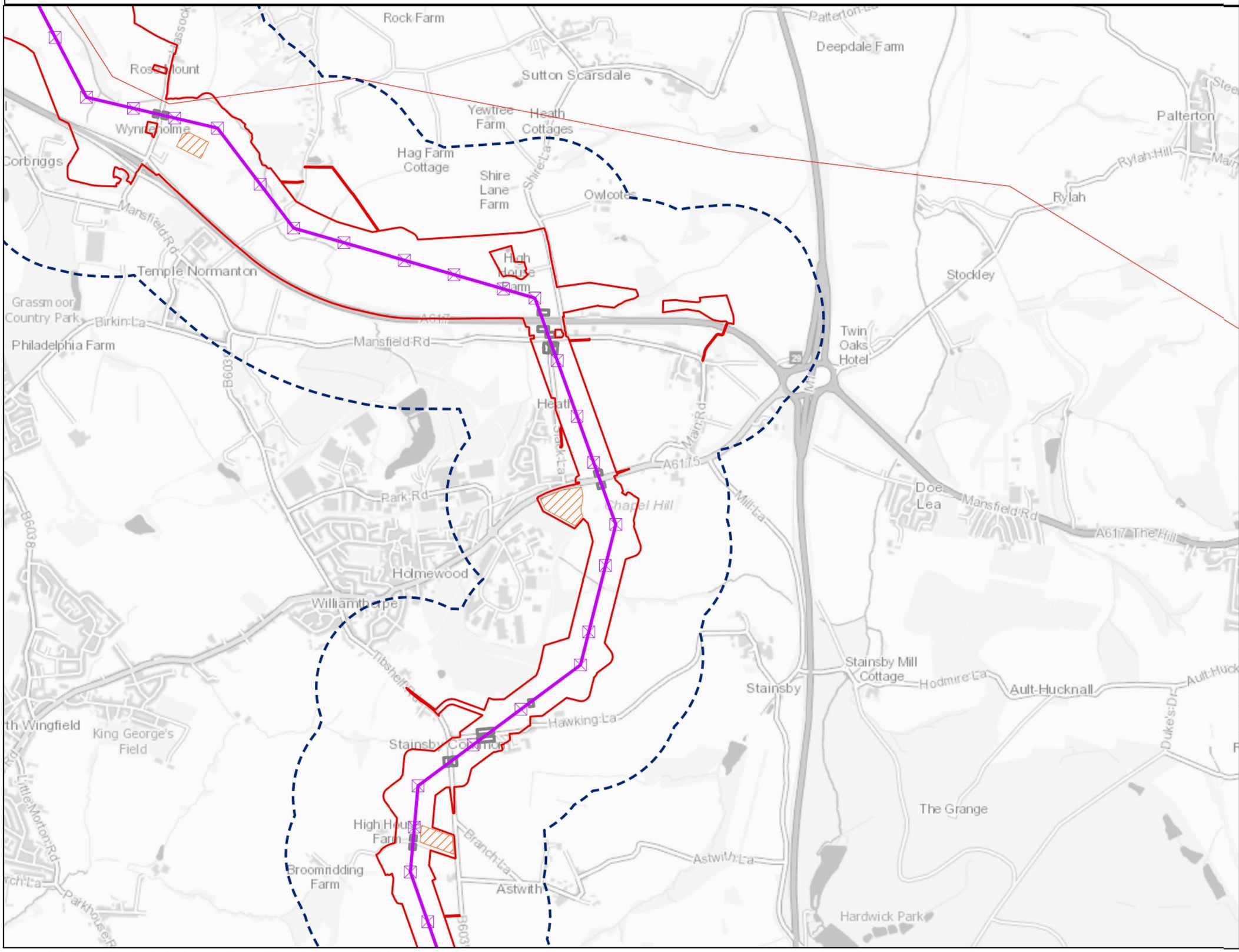
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 275kV
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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CHESTERFIELD TO WILLINGTON
HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number: Figure 9A.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000076

Scale	Sheet Size	Sheet	Issue
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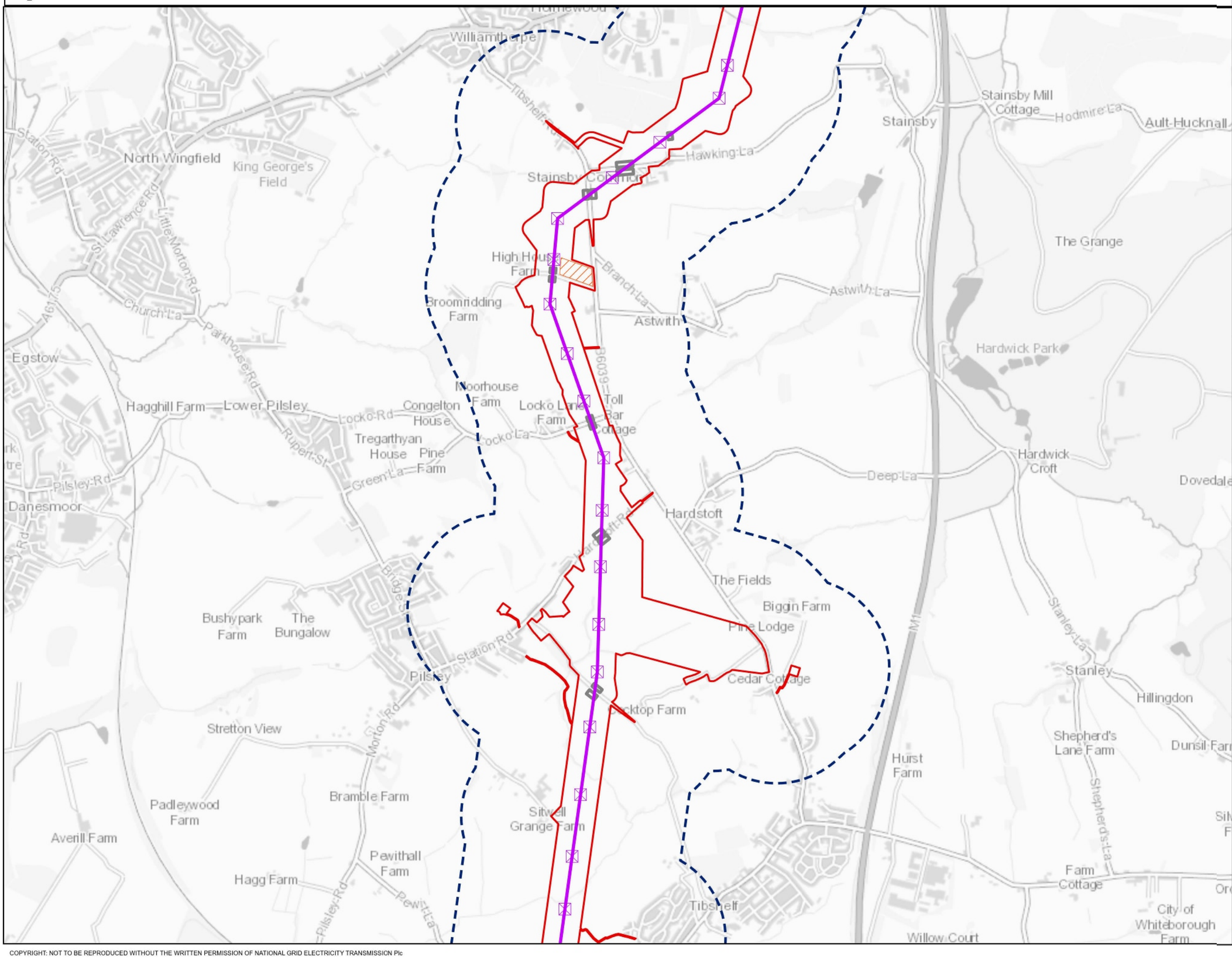
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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0 150 300 600 900 Metres

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CHESTERFIELD TO WILLINGTON
HYDRAULIC MODELLING
STUDY EXTENTS

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Figure Number			
Figure 9A.2			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000076			
Scale	**Sheet Size**	**Sheet**	**Issue**
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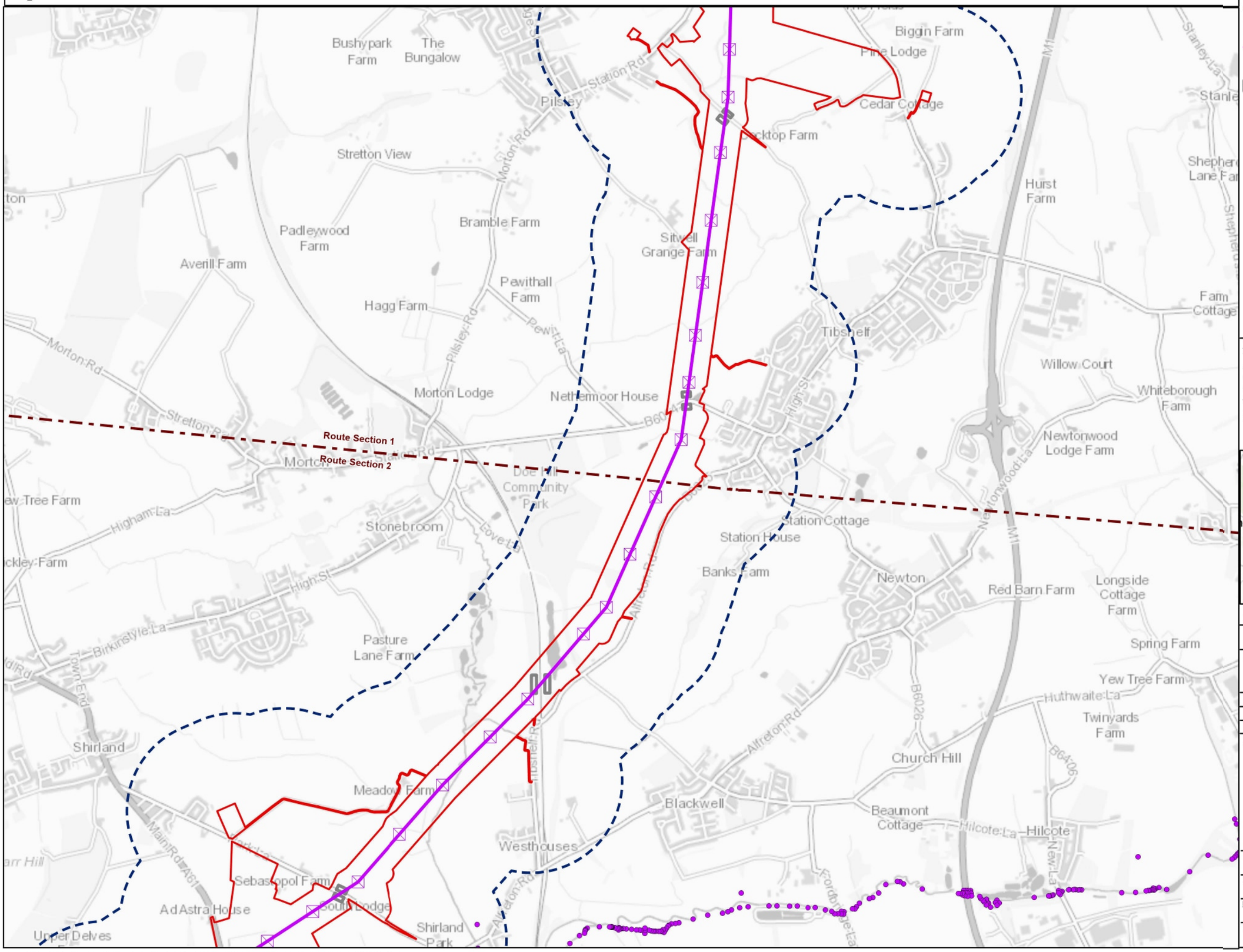
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Alfreton model - 1D nodes
- Indicative Crossing Protection

Notes

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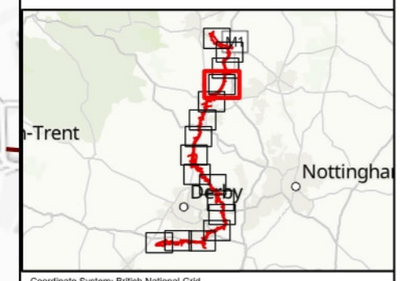

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

0 150 300 600 900
Metres

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HYDRAULIC MODELLING
STUDY EXTENTS

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Figure Number			
Figure 9A.2			
Drawing Reference			
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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Alfreton model - 1D nodes
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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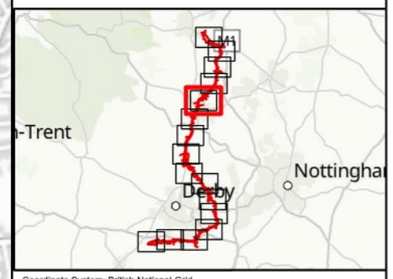

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

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HYDRAULIC MODELLING
STUDY EXTENTS

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Figure Number	Drawing Reference		
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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Route Section 2

Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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0 150 300 600 900 Metres

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STUDY EXTENTS

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Figure Number: Figure 9A.2

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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Route Section 2
Route Section 3

Bullbridge
Ladygrove
Ripley Rd
Amber House
Pentrich
Cresswell Barn
Pentrich Lane End
Buckland Hollow
Prospect Farm
A610
Ridgeway
Lower Hartshay
Pear Tree Farm
Valley Farm
Hammersmith
Butterley
Butterley Park
Derby Rd
Toadmoor
Nodin Hill La
Slack La
Chesterfield Rd
Nether Heage
Newbridge Rd
Spanker La
School La
Heage
B6374
Upper Hartshay
Greenwich
Ripley
Nuttalls Park
Porterhouse
Manor Farm
Middlepark Farm
Strelley Court Farm
Iron Works Farm
Bessalone Farm
Broadholme La
B6013
Old Rd
Park Rd
Parkside
Broothgate
Lodge Farm
Cottage Farm
A38
The Elms
Greenhillocks
Peasehill Rd
Waingroves
Waingroves Hall
Norman Court Farm
Marehay
Derby Rd
B6179
Belper Cemetery
Cemetery Rd
Crich La
Far Laund
Whitemoor La
White Moor
Street Lane
Primrose Farm
High Bank
Belper
The Gutter
Marsh La
Windmill La
Penn St
Park Side
Kilbourne Rd
John O'gants Way
Over La
Park Hall
Denby Common
Codnor Denby La
Church St
Steam Mill La
Brook La
Mallock Rd

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0 150 300 600 900 Metres

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HYDRAULIC MODELLING
STUDY EXTENTS

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Figure Number
Figure 9A.2

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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- BottleBrook - 1D nodes
- Indicative Crossing Protection

Notes

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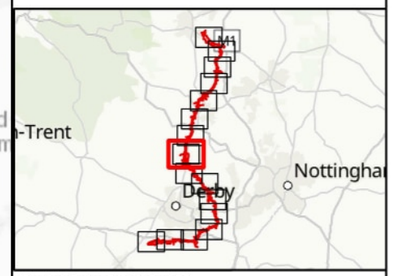

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

0 150 300 600 900
Metres

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STUDY EXTENTS

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Figure Number	Drawing Reference		
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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- BottleBrook - 1D nodes
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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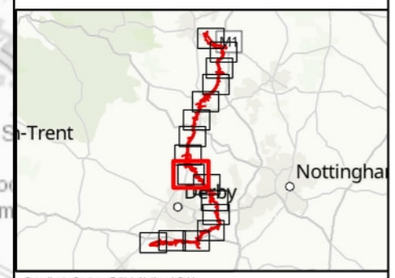

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437924.48E Sheet Y Centroid Coordinate: 342501.76N

0 150 300 600 900 Metres

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HYDRAULIC MODELLING
STUDY EXTENTS

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Figure Number	Drawing Reference		
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Scale	**Sheet Size**	**Sheet**	**Issue**
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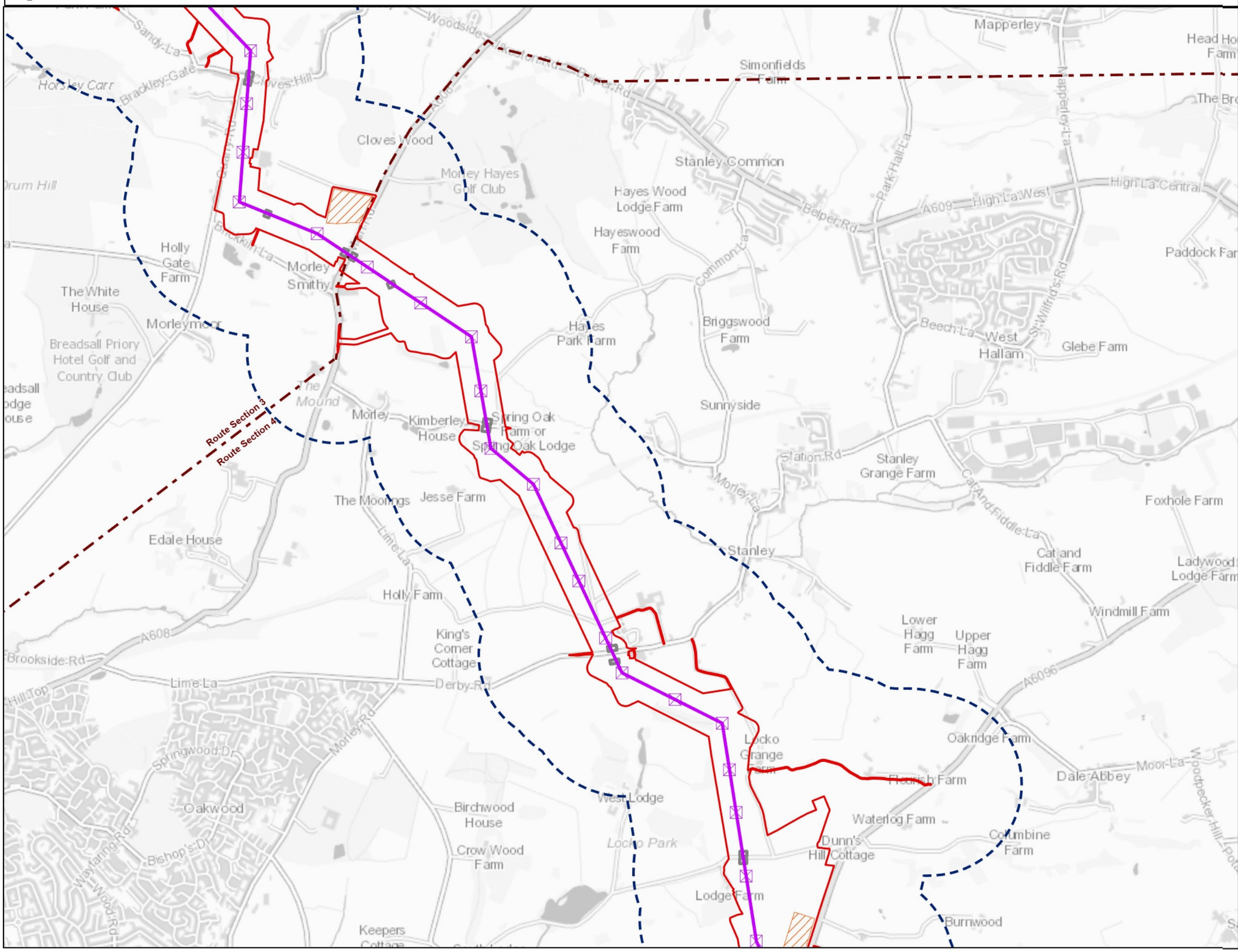
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
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- Indicative New Pylon Location
- Indicative New Overhead Line
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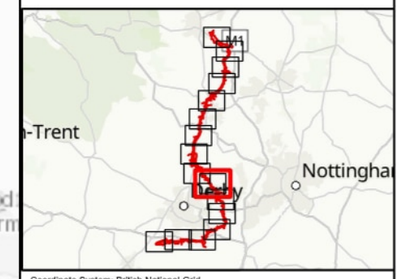

Coordinate System: British National Grid
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0 150 300 600 900
Metres

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Title

CHESTERFIELD TO WILLINGTON
HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number: Figure 9A.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000076

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 10 OF 16	1

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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Route Section 4

Route Section 5

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Derwent-Trent - 2D Boundary Lower
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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0 150 300 600 900 Metres

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Title

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HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number	Drawing Reference		
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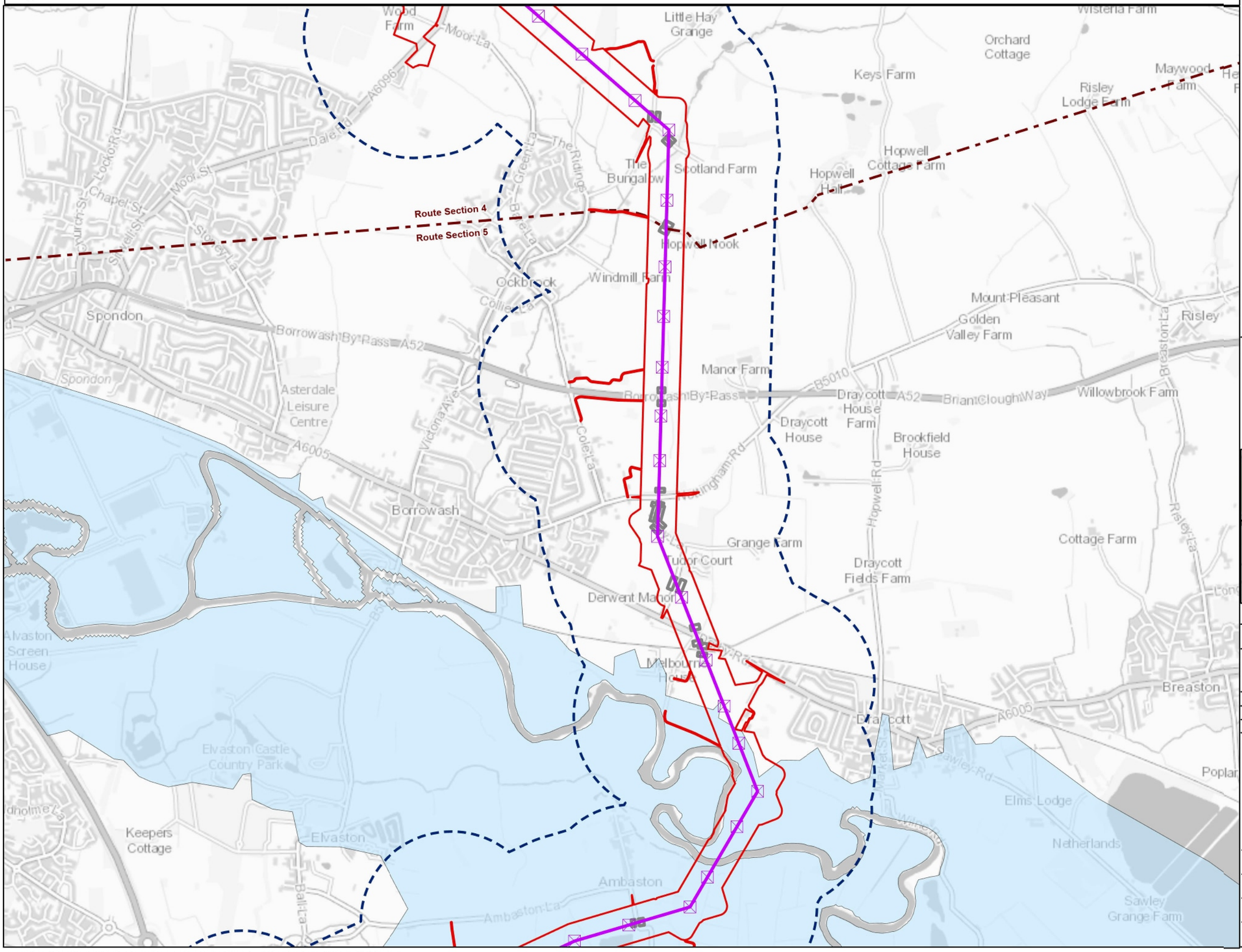
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Derwent-Trent - 2D Boundary Lower
- Indicative Crossing Protection

Notes

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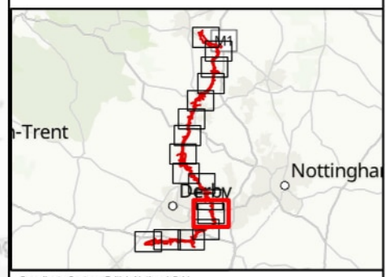

Coordinate System: British National Grid
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CHESTERFIELD TO WILLINGTON
HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number
Figure 9A.2

Drawing Reference
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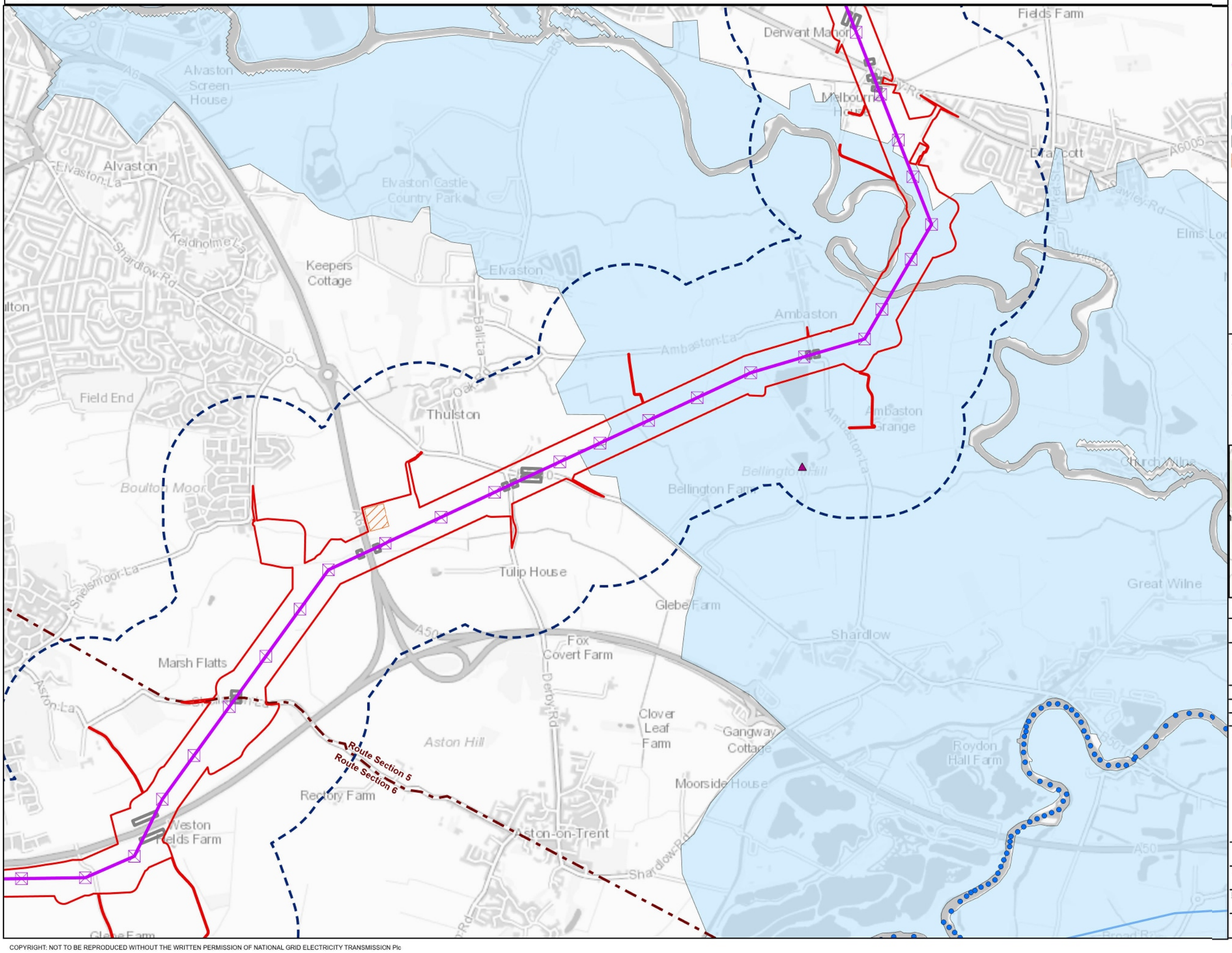
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Derwent-Trent - 1D nodes
- Derwent-Trent - 2D Boundary Lower
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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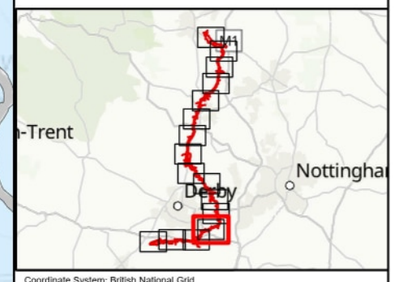

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HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number: Figure 9A.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000076

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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Cuttlebrook - 1D nodes
- Derwent-Trent - 1D nodes
- Derwent-Trent - 2D Boundary Lower
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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0 150 300 600 900 Metres

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HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number	Drawing Reference		
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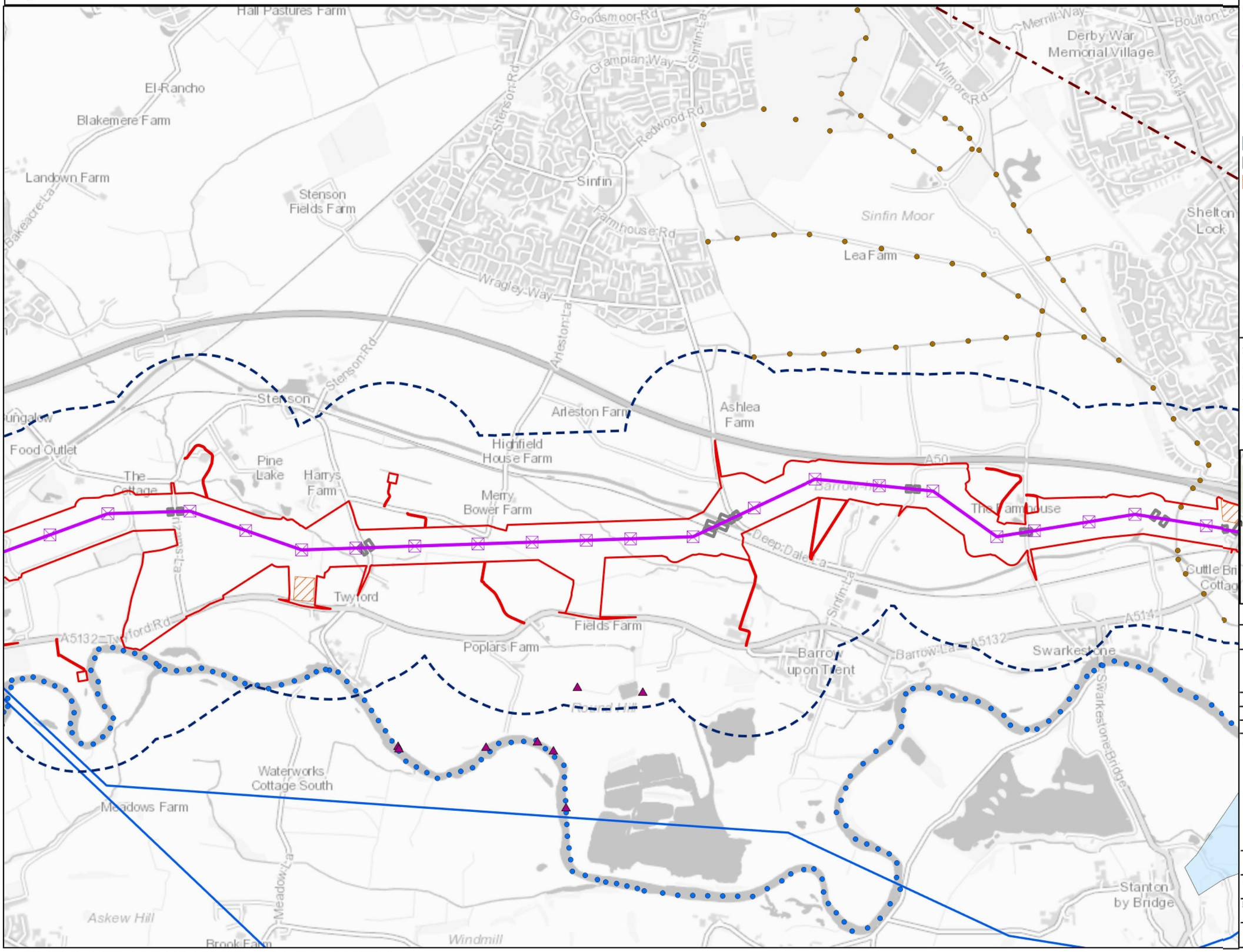
FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Cuttlebrook - 1D nodes
- Derwent-Trent - 1D nodes
- Derwent-Trent - 2D Boundary Lower
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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HYDRAULIC MODELLING
STUDY EXTENTS

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Figure Number: Figure 9A.2

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FIGURE 9A.2:
HYDRAULIC MODELLING STUDY EXTENTS

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

G-4

G-3

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Willington Substation Extension
- Existing Substation Site Boundary
- Derwent-Trent - 1D nodes
- Indicative Crossing Protection
- Indicative Construction Compound

Notes

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Title

CHESTERFIELD TO WILLINGTON
HYDRAULIC MODELLING
STUDY EXTENTS

nationalgrid

Figure Number	Drawing Reference		
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FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

Inset 1

G-1

G-2

Inset 1
Scale : 1:10000

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Existing overhead line - 275kV
- Existing Substation Site Boundary
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- High Risk
- Medium Risk
- Low Risk

Notes

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077

Scale	Sheet Size	Sheet	Issue
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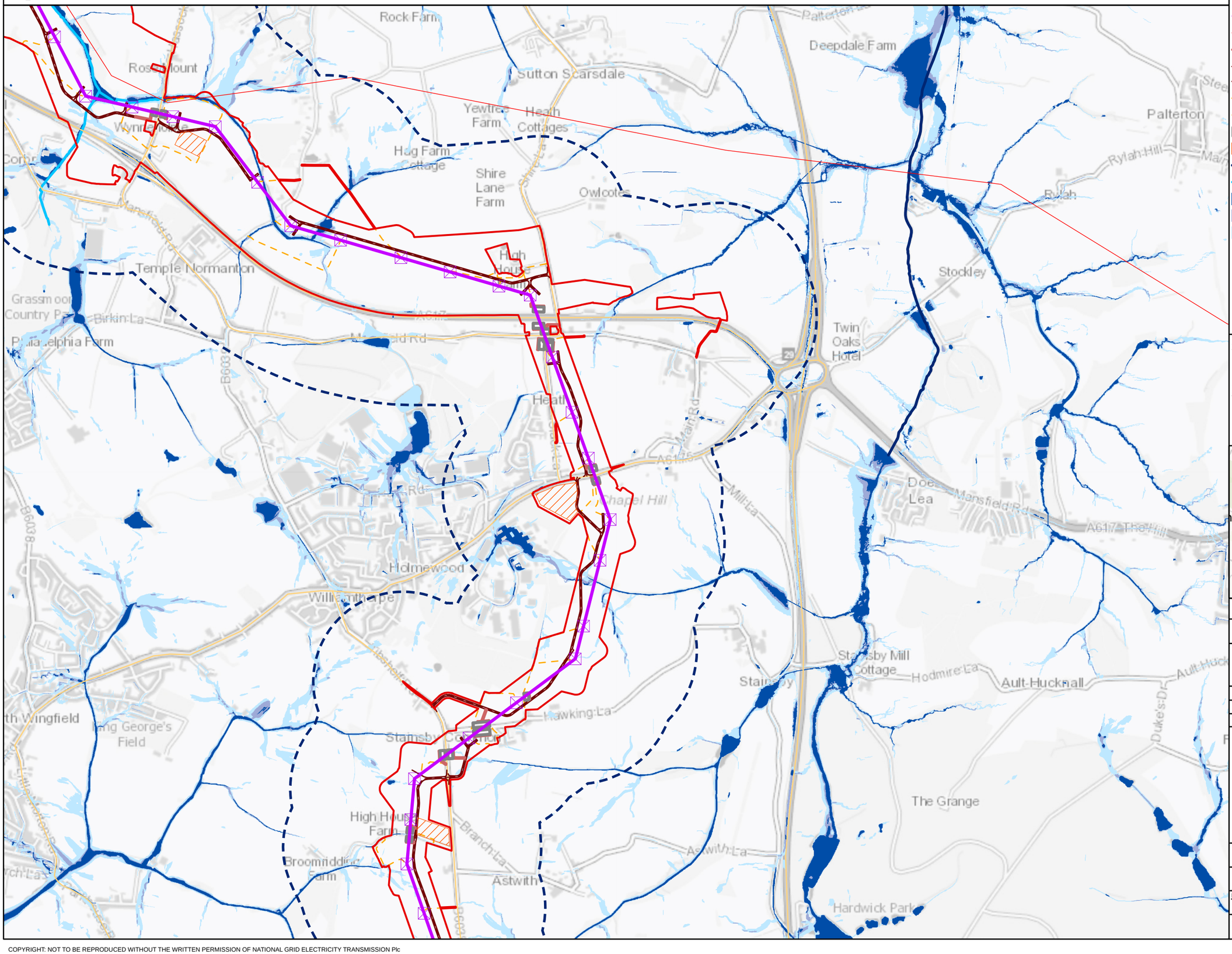
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 275kV
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- High Risk
- Medium Risk
- Low Risk

Notes

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM
SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077

Scale	Sheet Size	Sheet	Issue
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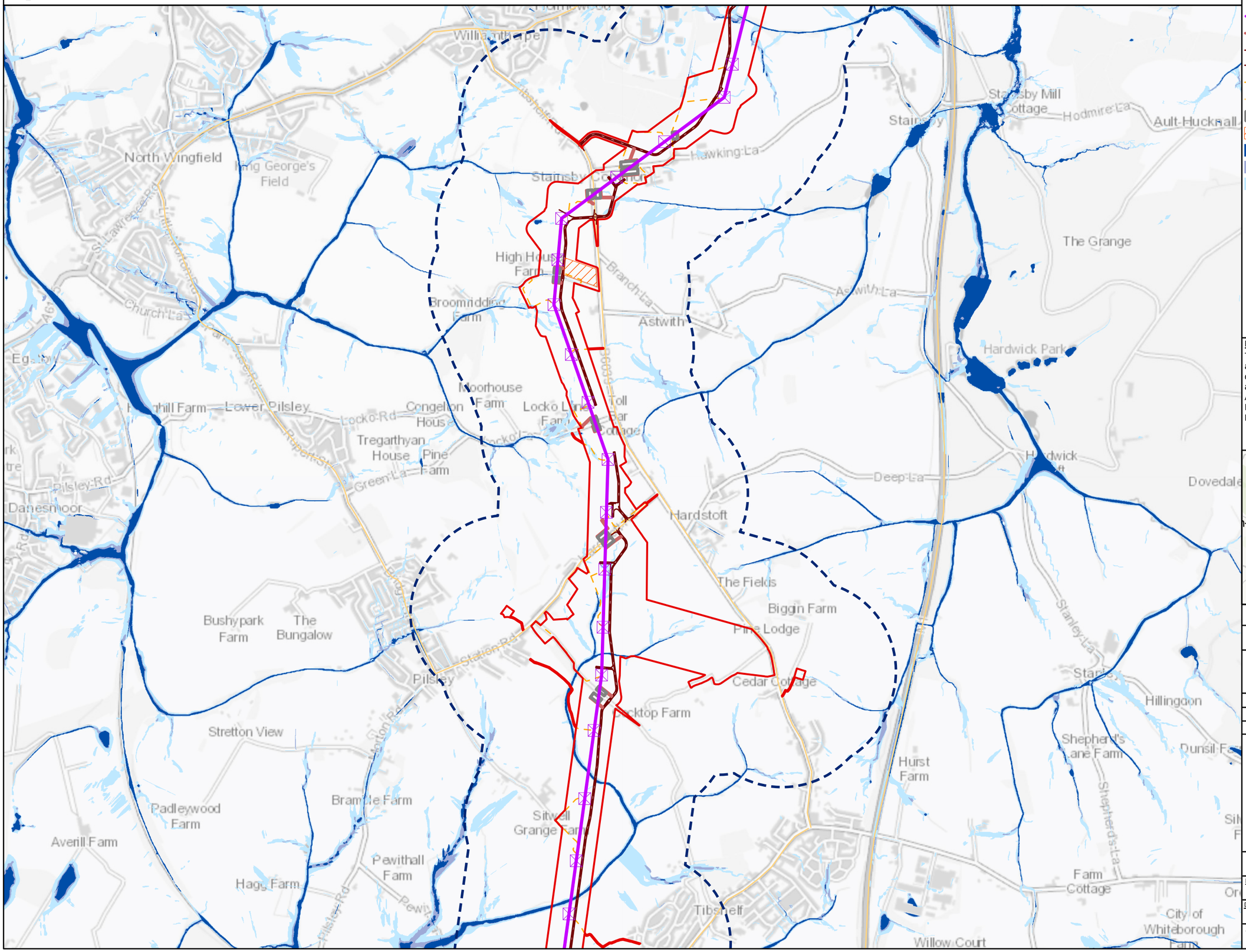
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- High Risk
- Medium Risk
- Low Risk

Notes

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM
SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077

Scale	Sheet Size	Sheet	Issue
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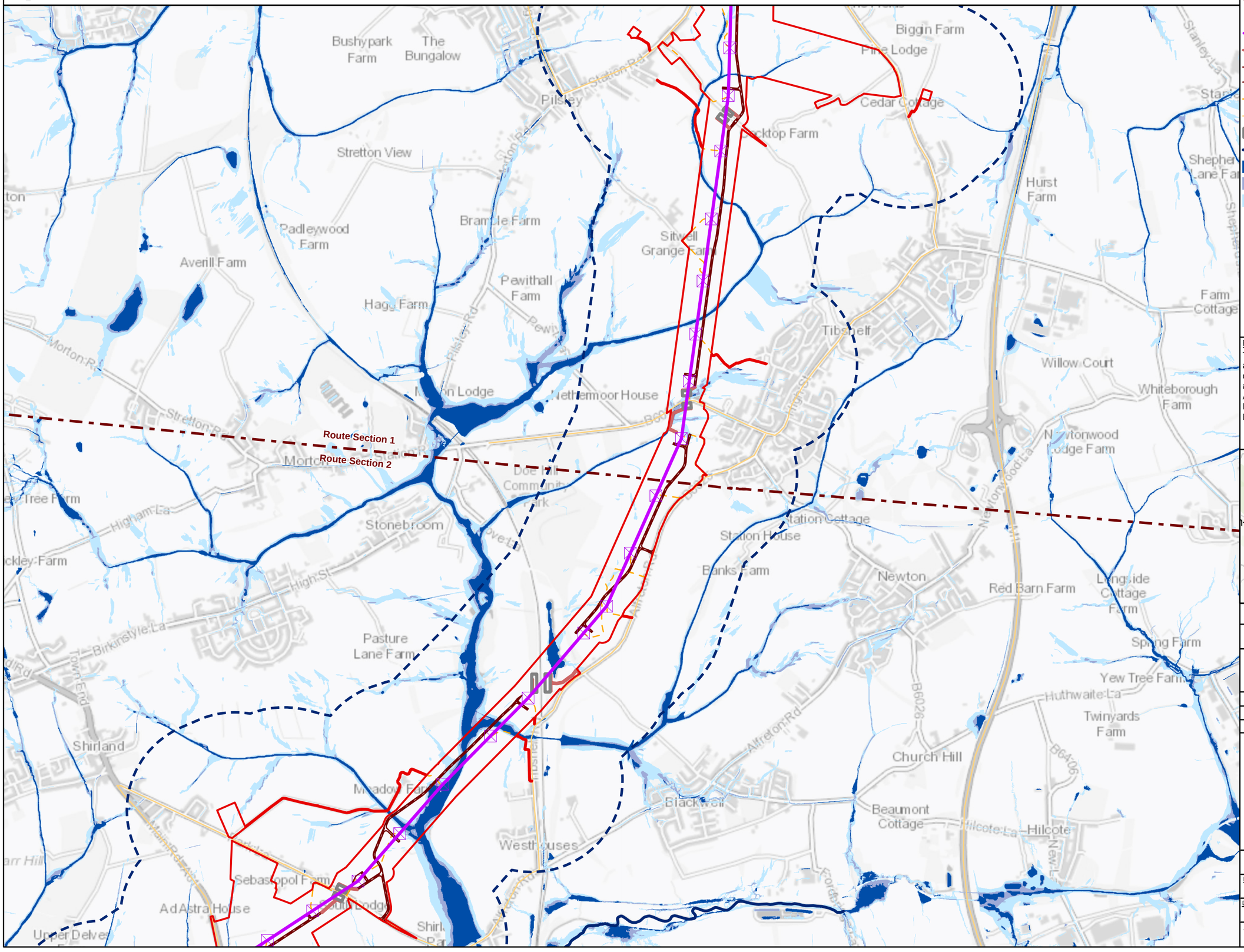
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

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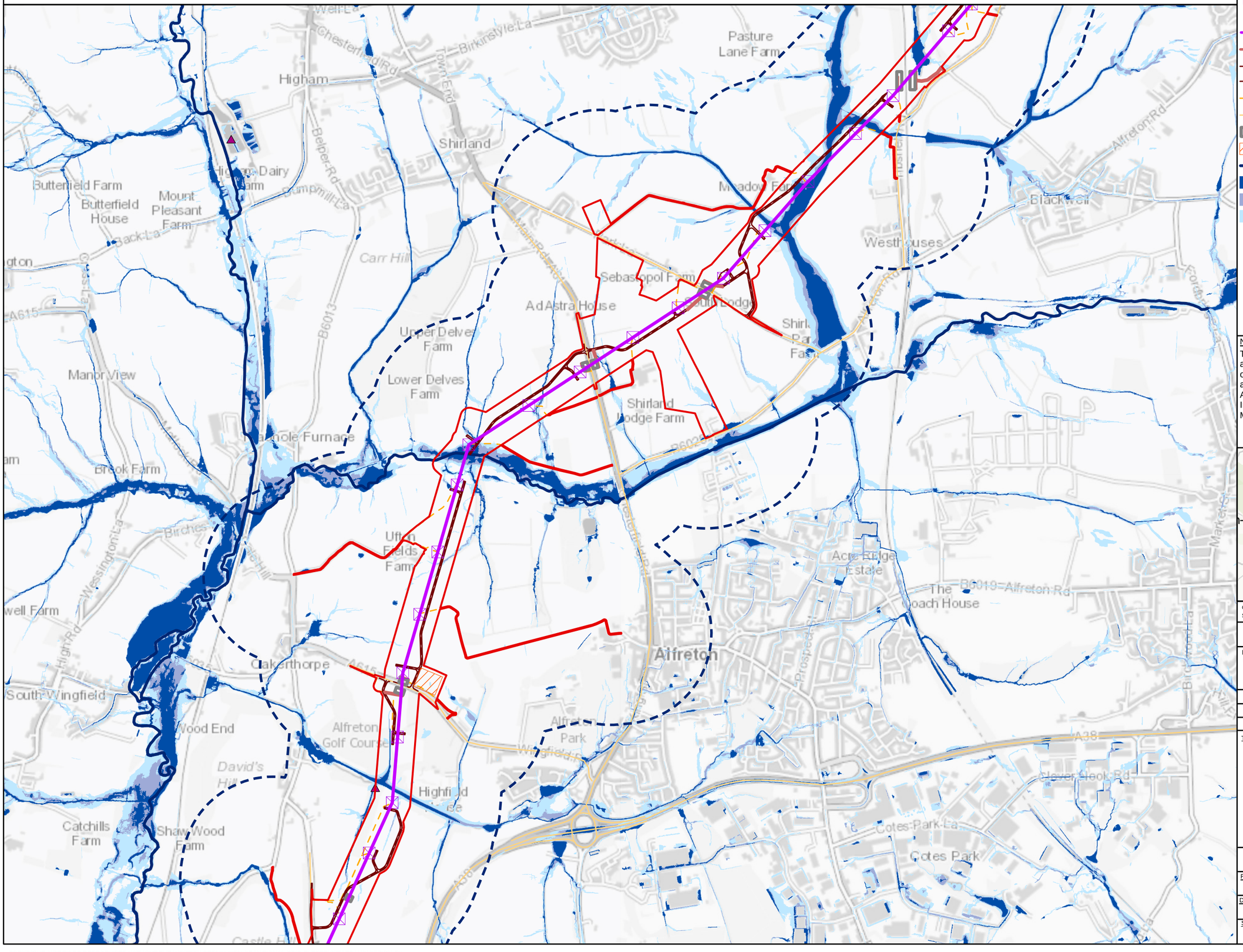
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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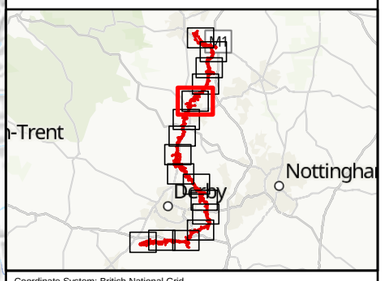

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

0 150 300 600 900 Metres

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

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FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER

Route Section 2

Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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Title

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RISK OF FLOODING FROM
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Figure Number: Figure 9A.3

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FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER

Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 150 300 600 900 Metres

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 7 OF 16	1

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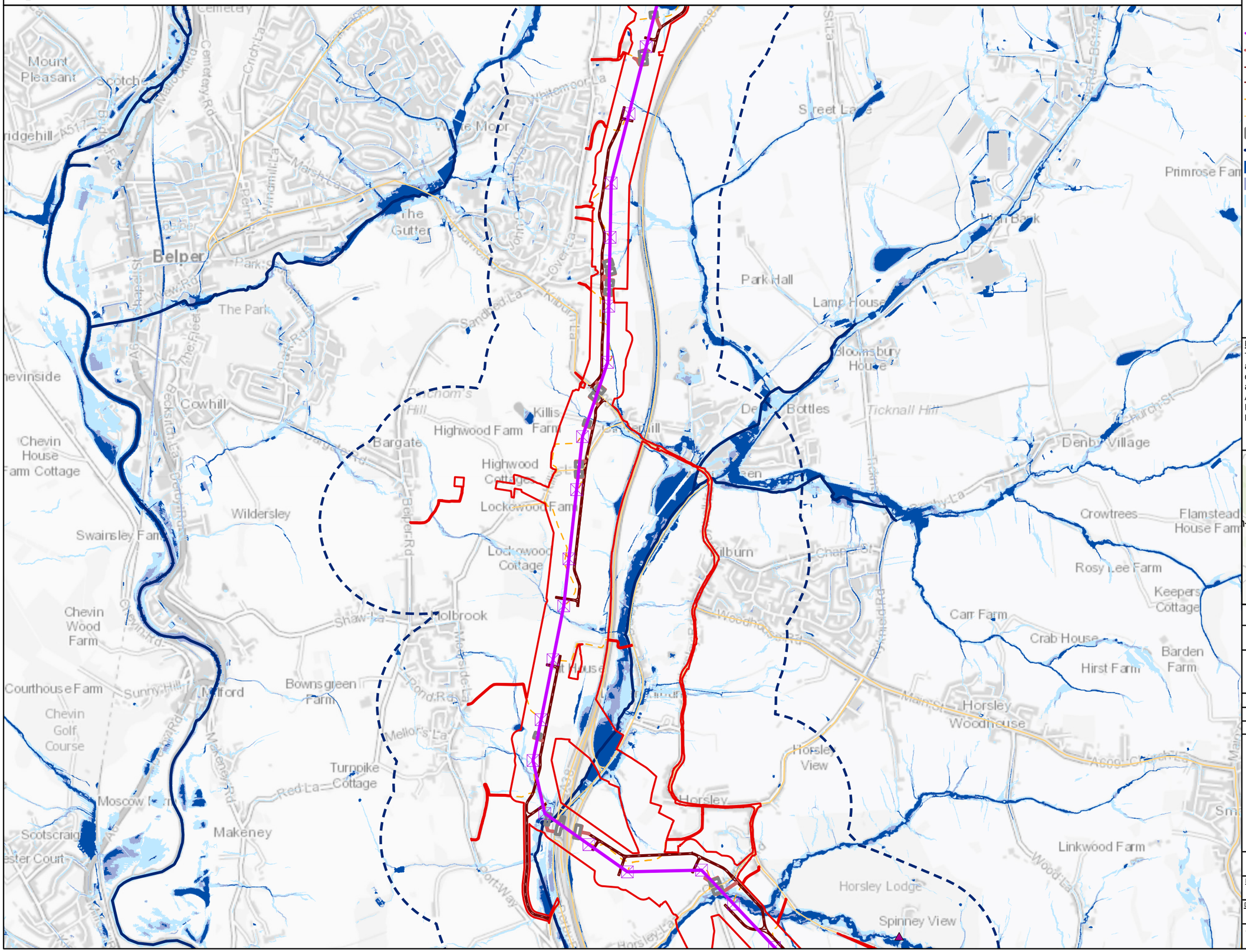
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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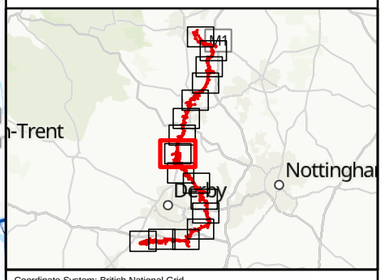

Coordinate System: British National Grid
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0 150 300 600 900
Metres

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

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Figure Number: Figure 9A.3

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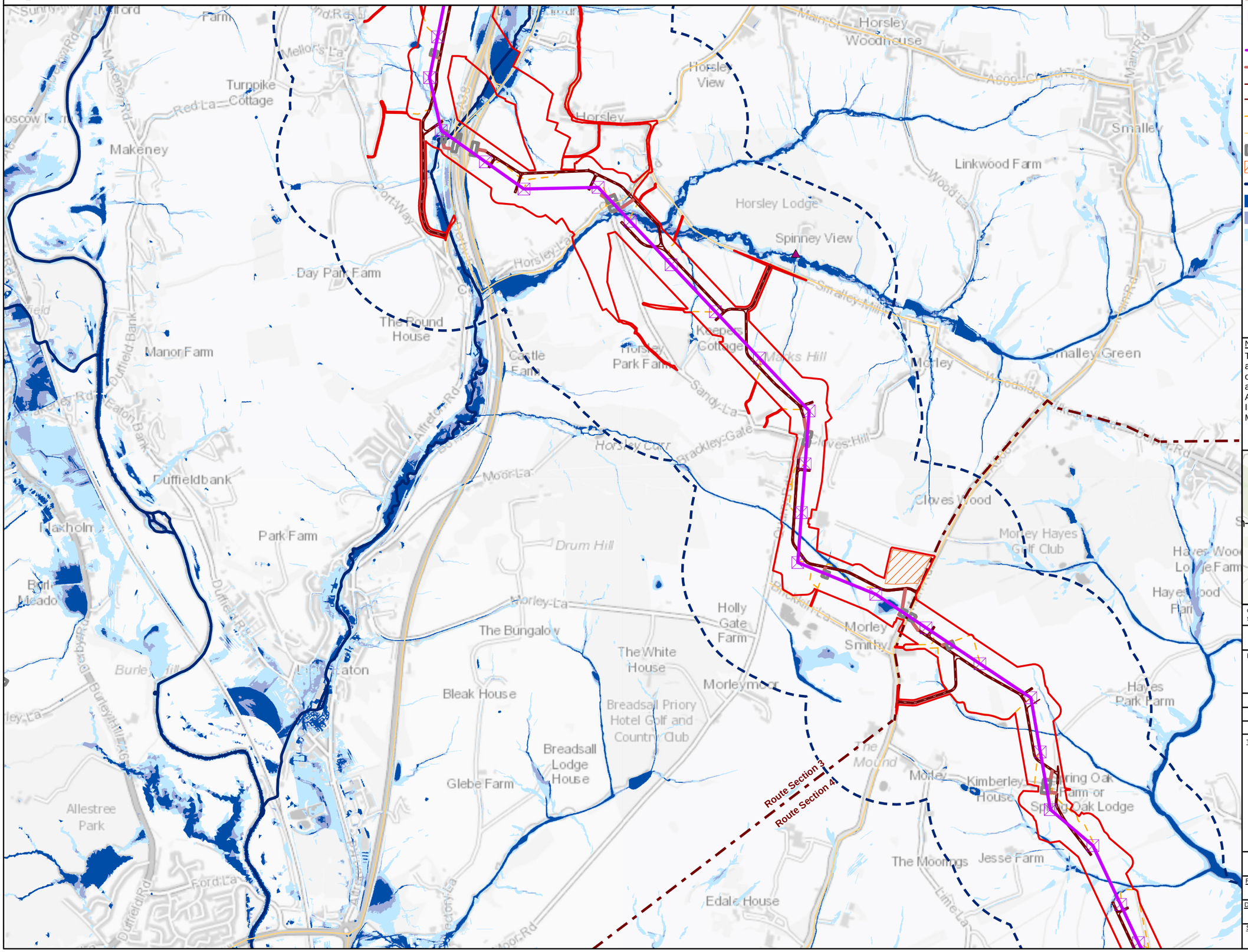
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

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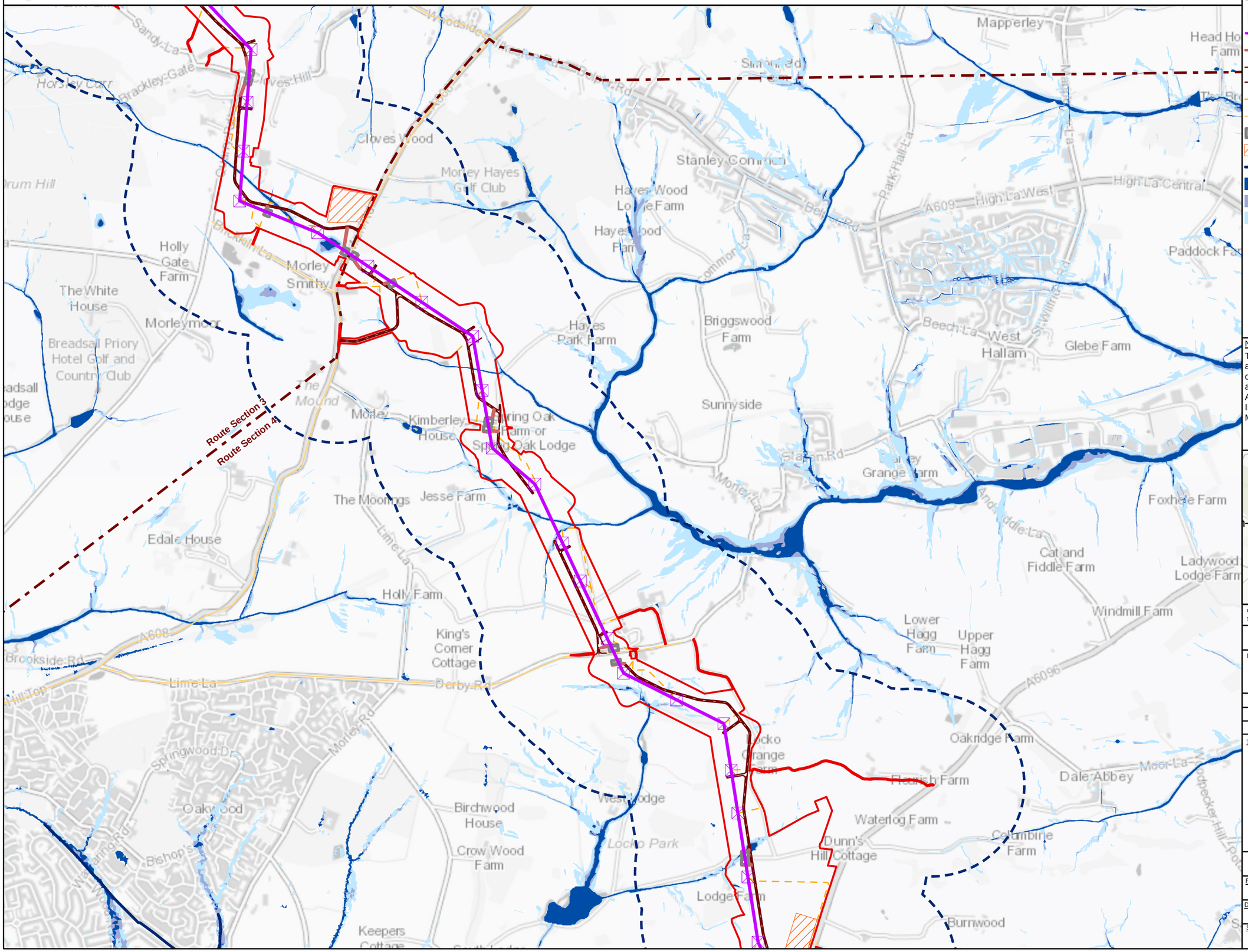
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

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FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER

Route Section 4
Route Section 5

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
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CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

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Figure Number	Drawing Reference			
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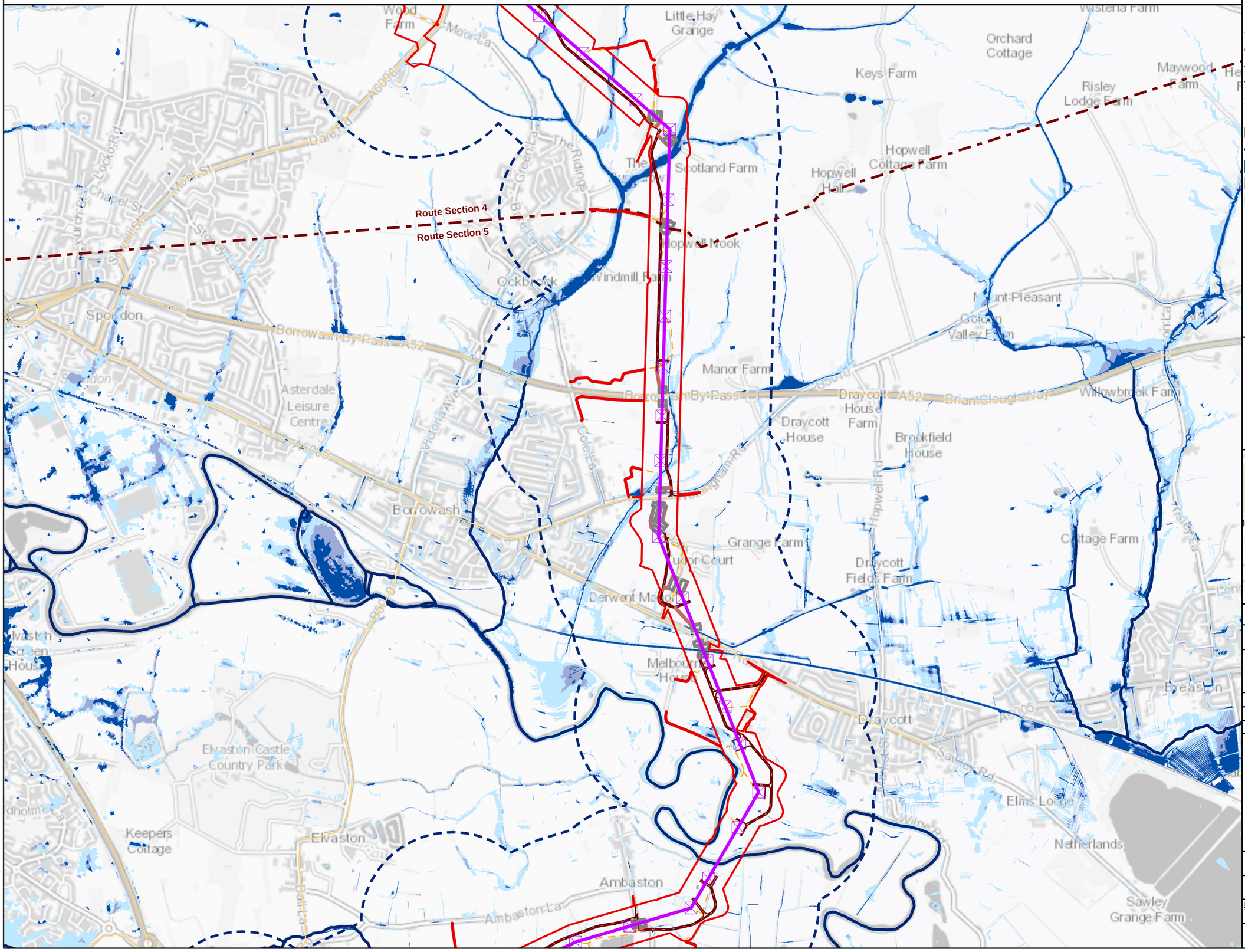
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
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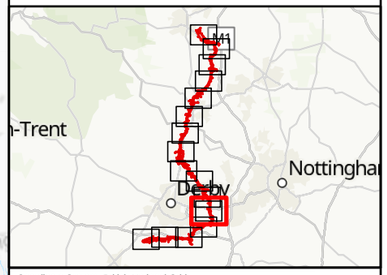

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RISK OF FLOODING FROM SURFACE WATER

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Figure Number: Figure 9A.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077

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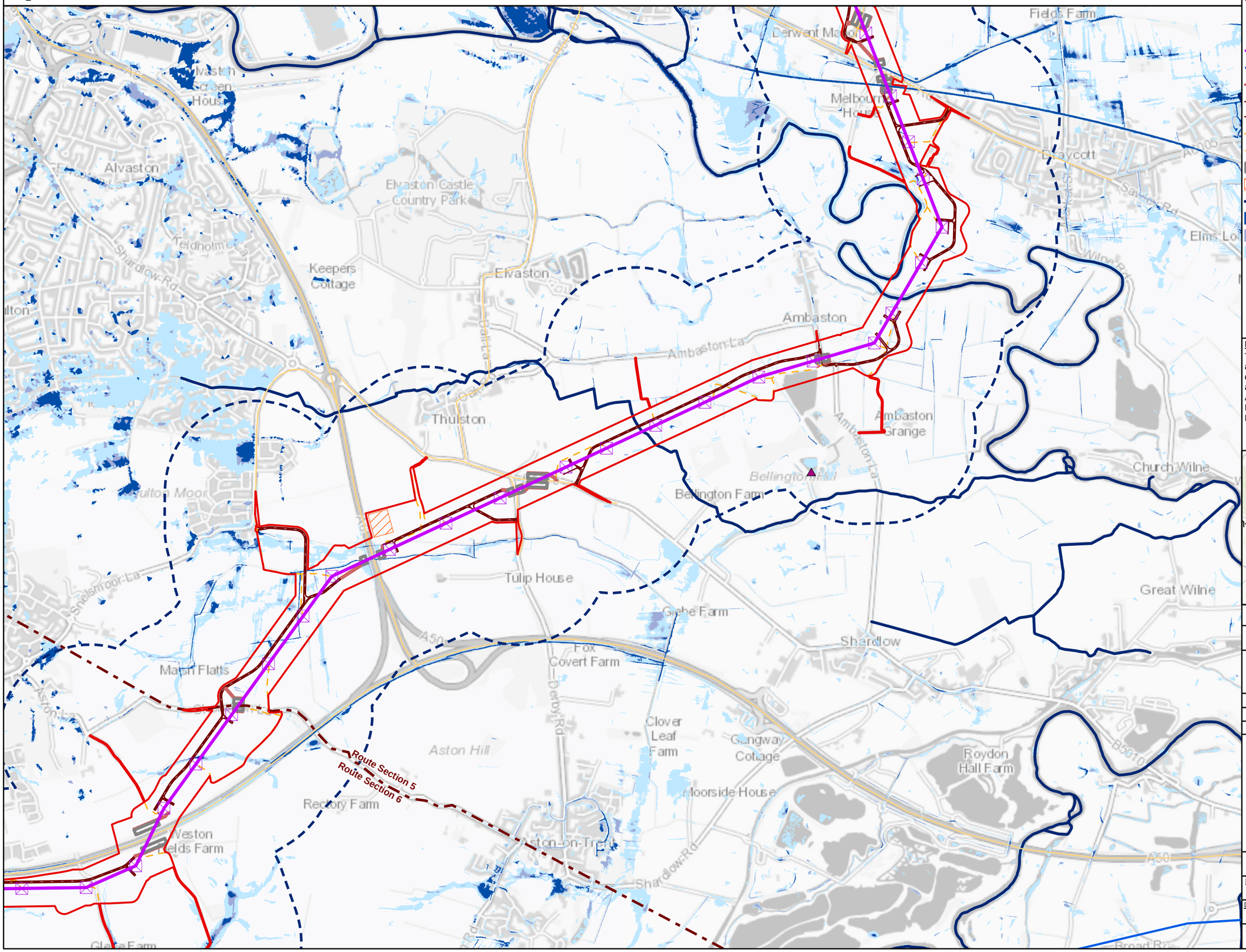
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

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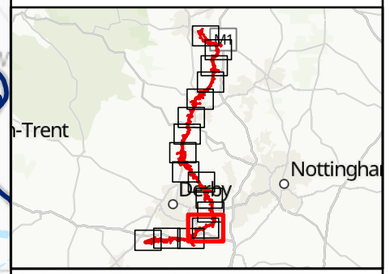

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

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RISK OF FLOODING FROM SURFACE WATER

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Figure Number: Figure 9A.3

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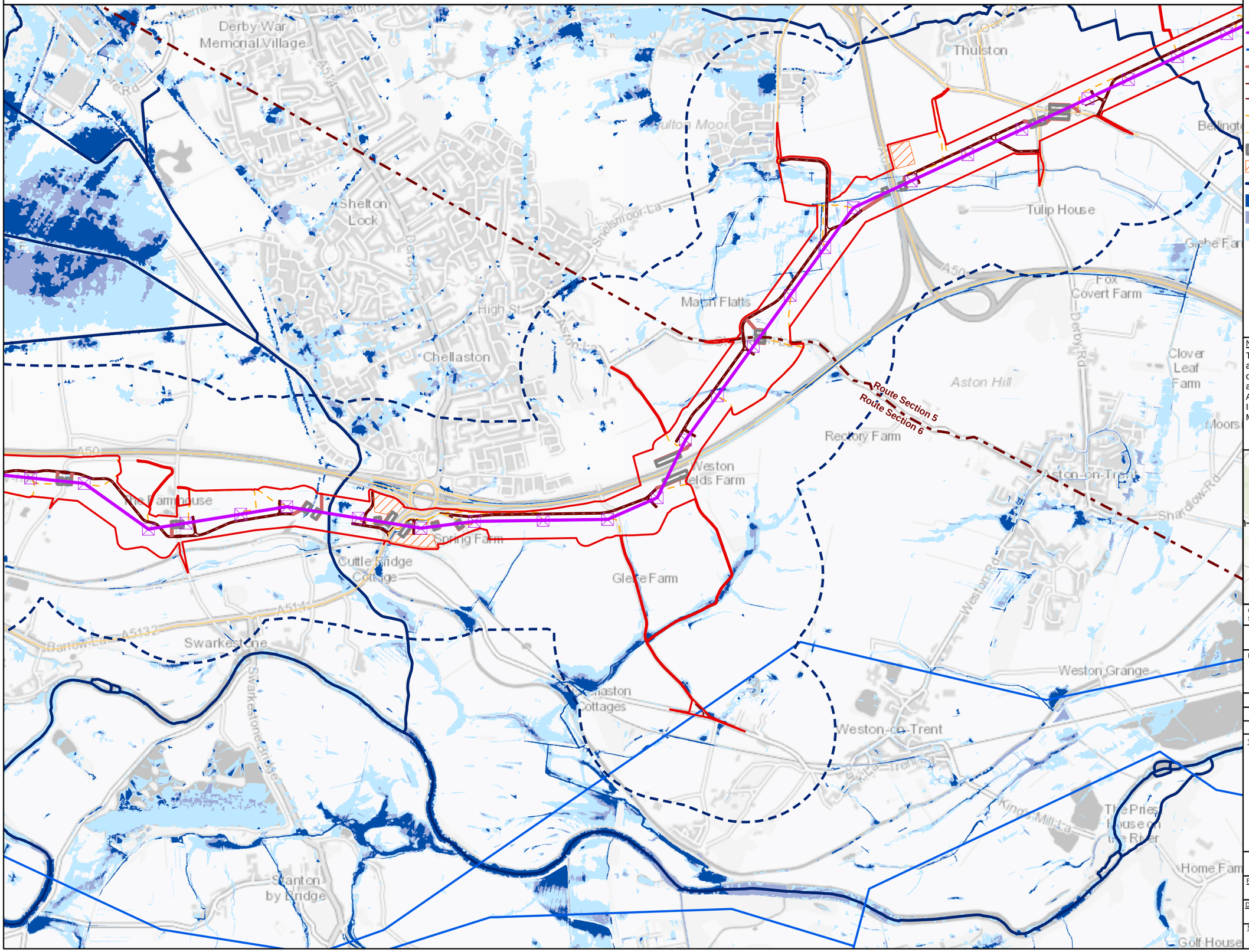
FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
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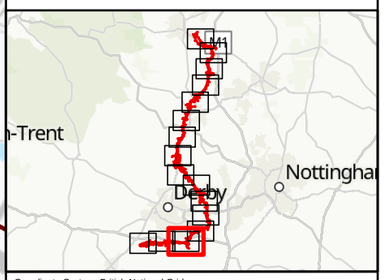

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

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Metres

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number			
Figure 9A.3			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077			
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FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
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- Medium Risk
- Low Risk

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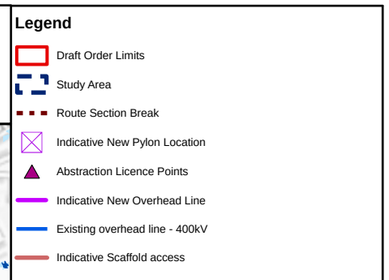

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number	Drawing Reference		
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FIGURE 9A.3:
RISK OF FLOODING FROM SURFACE WATER

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

G-3

G-4

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Scaffold access
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Crossing Protection
- Indicative Construction Compound
- EA Main River (England)
- High Risk
- Medium Risk
- Low Risk

Notes

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Title

CHESTERFIELD TO WILLINGTON
RISK OF FLOODING FROM
SURFACE WATER

nationalgrid

Figure Number: Figure 9A.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000077

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

Inset 1

G-1

G-2

Inset 1
Scale : 1:10000

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Existing overhead line - 275kV
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- Wet Day Scenario
- Dry Day Scenario

Notes

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Title

CHESTERFIELD TO WILLINGTON RESERVOIR FLOOD RISK

nationalgrid

Figure Number: Figure 9A.4

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000079

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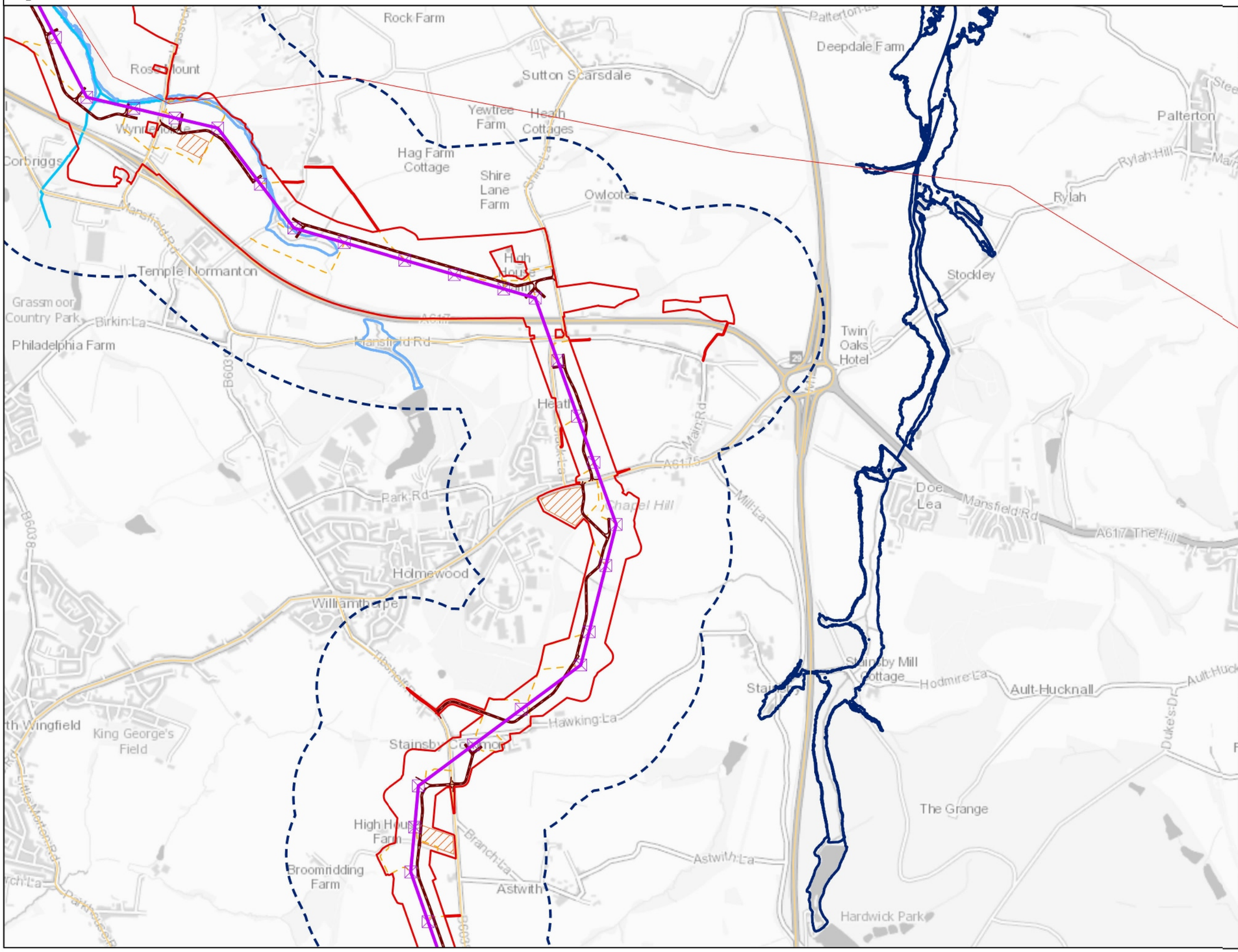
FIGURE 9A.4:
RESERVOIR FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 275kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- Wet Day Scenario
- Dry Day Scenario

Notes

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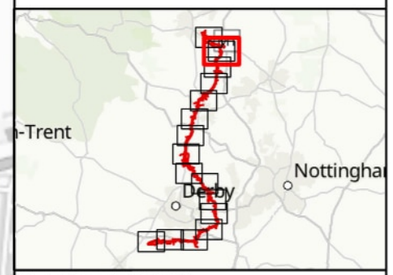

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

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Title

CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number: Figure 9A.4

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000079

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 16	1

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- Wet Day Scenario

Notes

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Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

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Title

CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.4	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000079		
Scale	**Sheet Size**	**Sheet**	**Issue**
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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Route Section 1
Route Section 2

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- EA Main River (England)
- Wet Day Scenario

Notes

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Title

CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number			
Figure 9A.4			
Drawing Reference			
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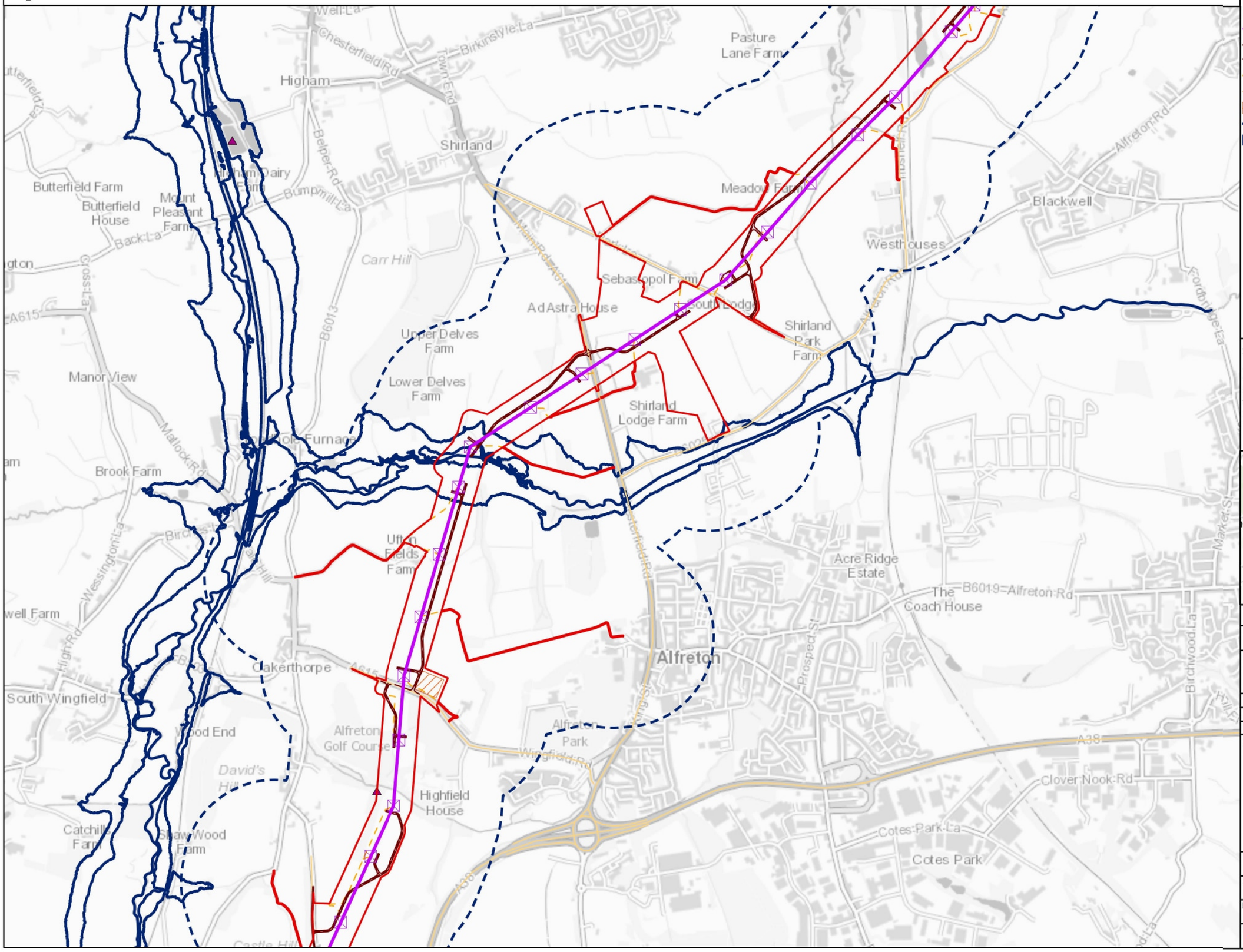
FIGURE 9A.4:
RESERVOIR FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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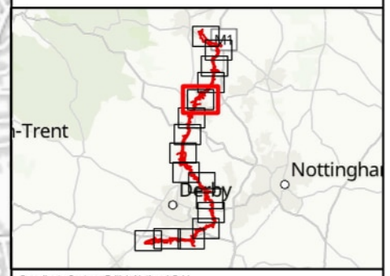

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CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number: Figure 9A.4

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Route Section 2

Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

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Title

CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number: Figure 9A.4

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Route Section 2
Route Section 3

Legend
- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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0 150 300 600 900 Metres

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RESERVOIR FLOOD RISK

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Figure Number: Figure 9A.4

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- EA Main River (England)
- Wet Day Scenario

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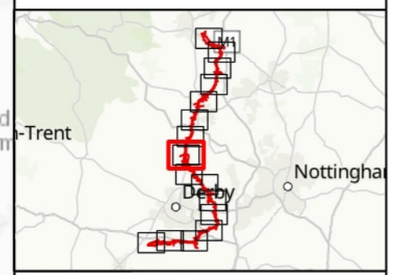

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RESERVOIR FLOOD RISK

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Figure Number	Drawing Reference		
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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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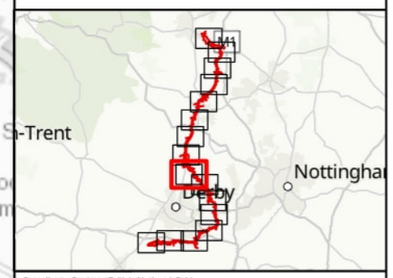

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CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.4	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000079		
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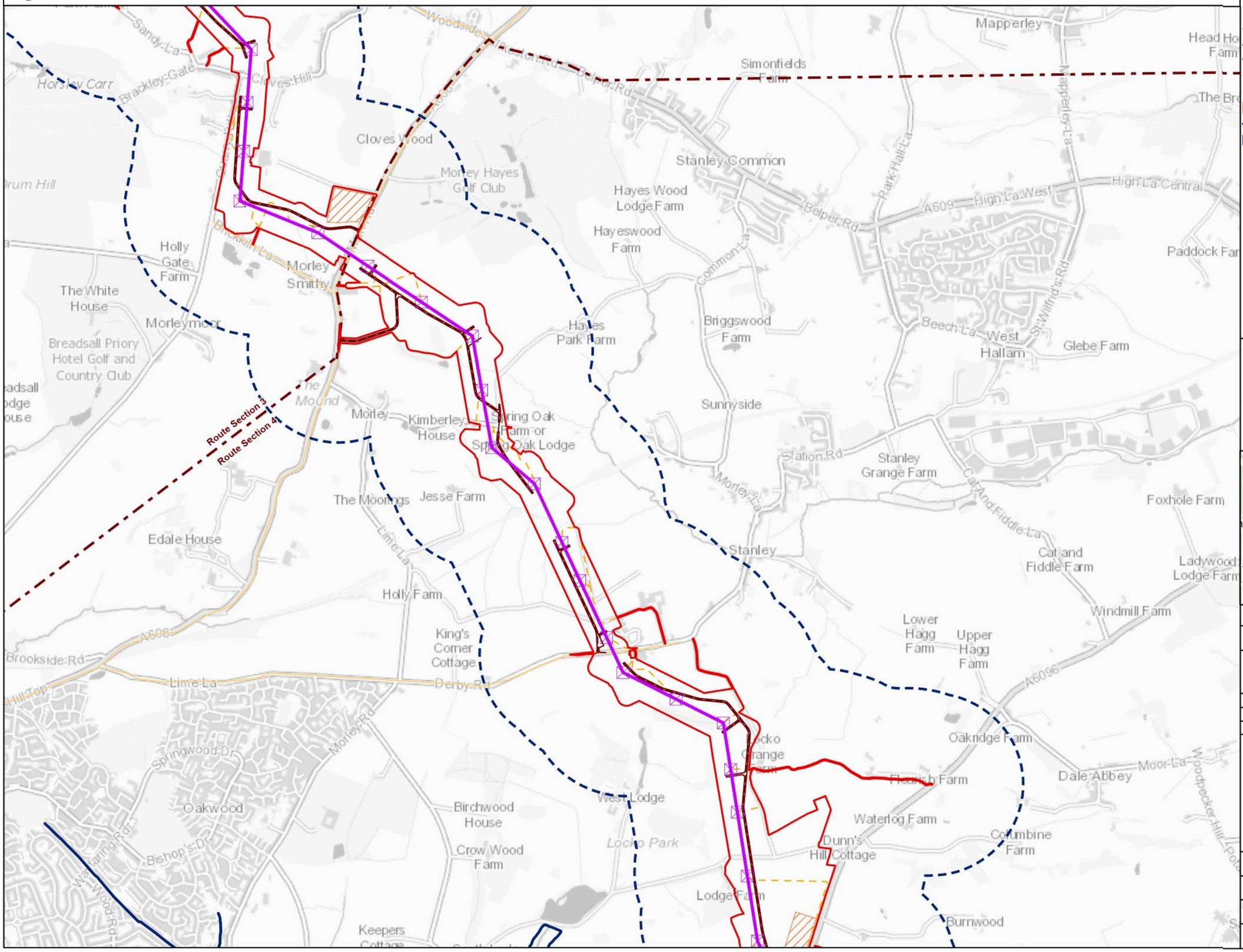
FIGURE 9A.4:
RESERVOIR FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
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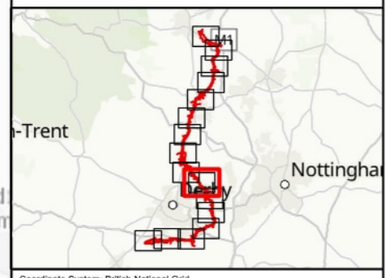

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Metres

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CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number			
Figure 9A.4			
Drawing Reference			
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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Route Section 4
Route Section 5

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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RESERVOIR FLOOD RISK

nationalgrid

Figure Number: Figure 9A.4

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

Route Section 4
Route Section 5

Legend
- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- EA Main River (England)
- Wet Day Scenario

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0 150 300 600 900 Metres

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RESERVOIR FLOOD RISK

nationalgrid

Figure Number			
Figure 9A.4			
Drawing Reference			
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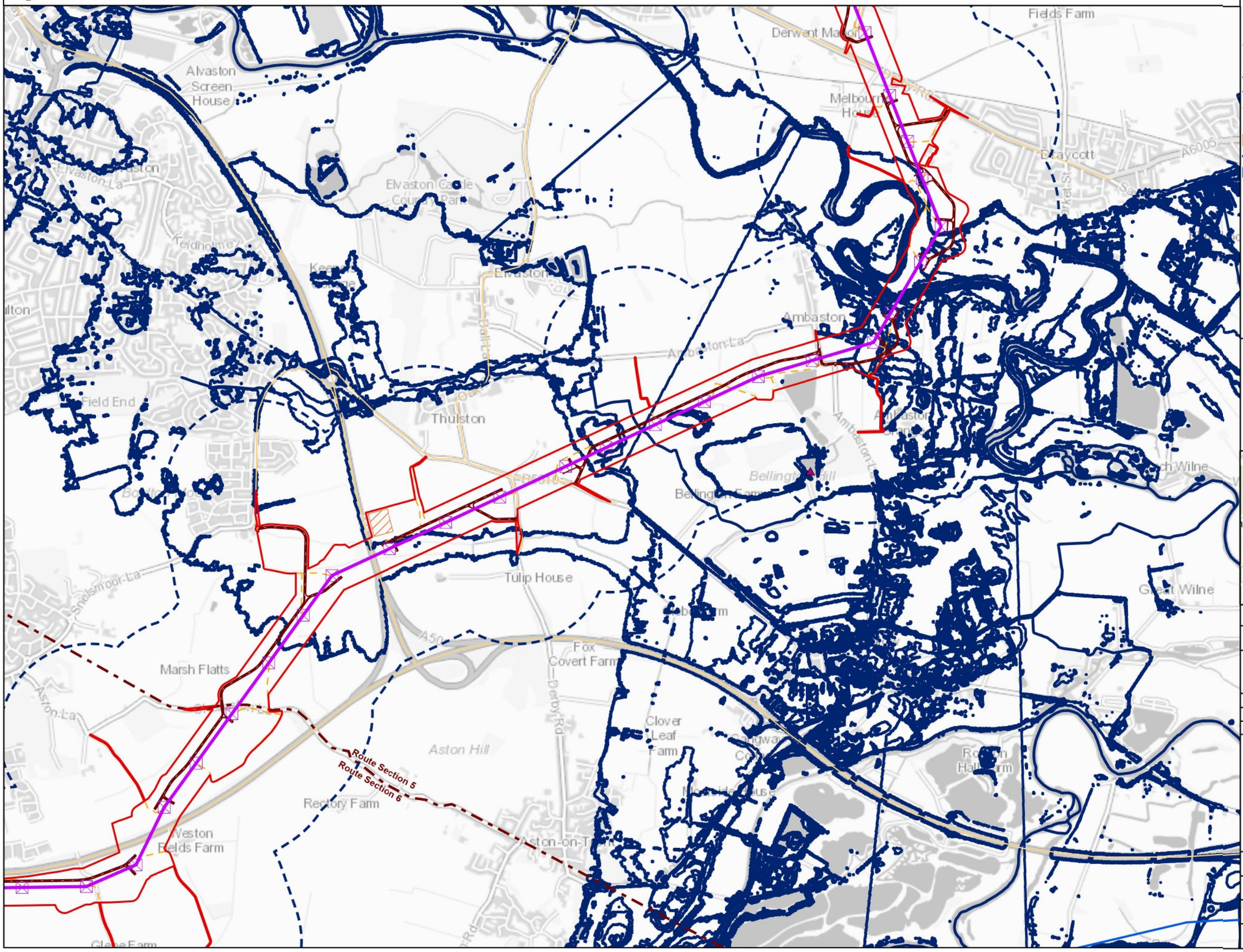
FIGURE 9A.4:
RESERVOIR FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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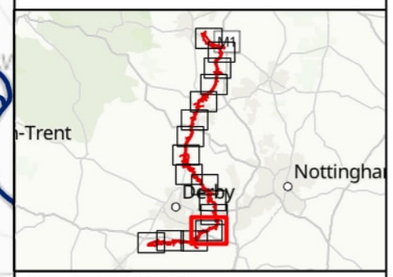

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RESERVOIR FLOOD RISK

nationalgrid

Figure Number	
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Drawing Reference	
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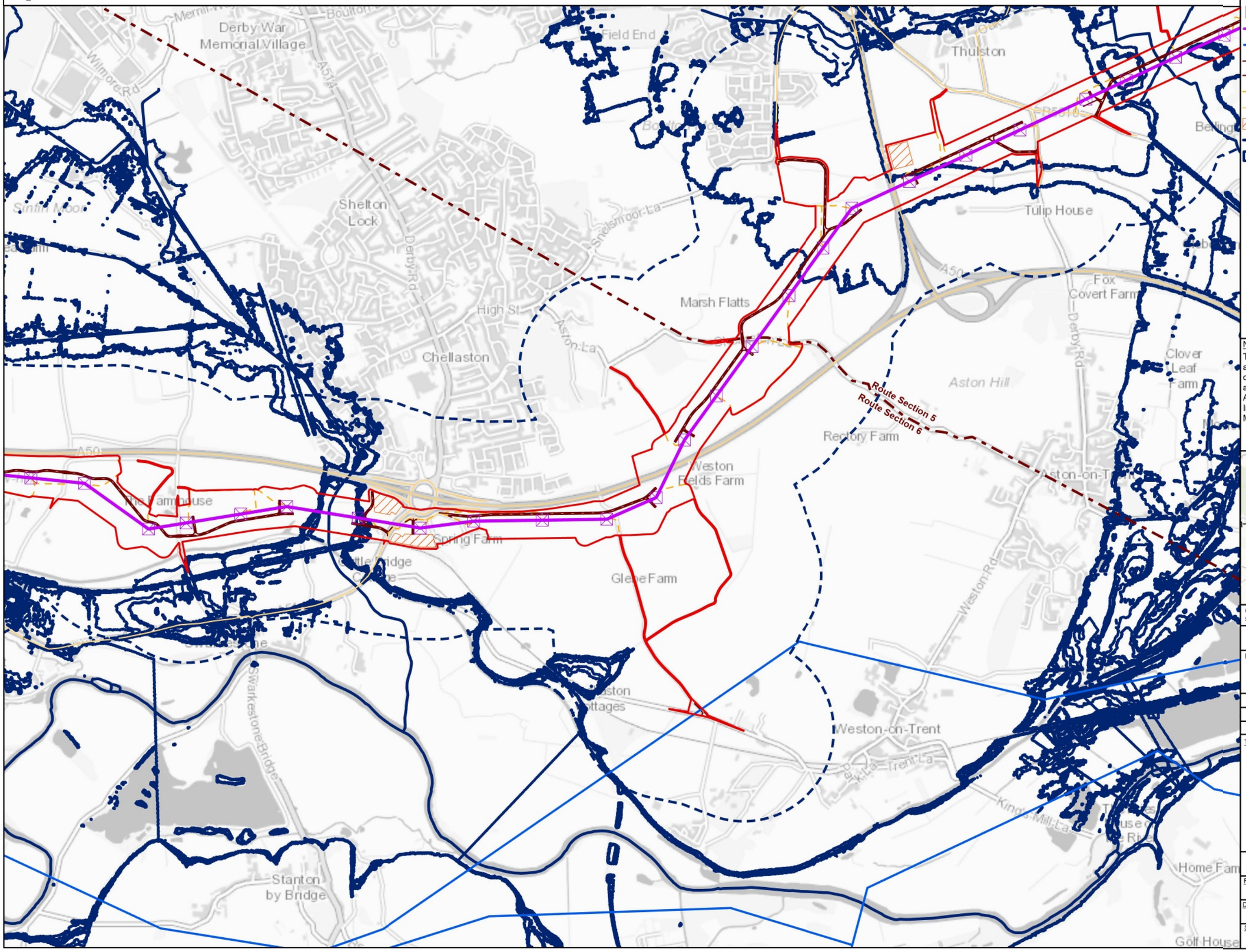
FIGURE 9A.4:
RESERVOIR FLOOD RISK



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario

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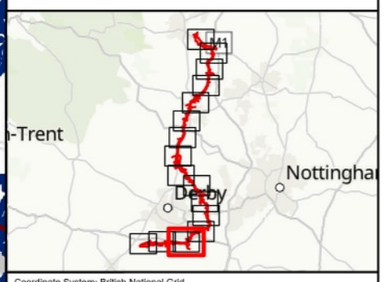

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Metres

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nationalgrid

Figure Number			
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Drawing Reference			
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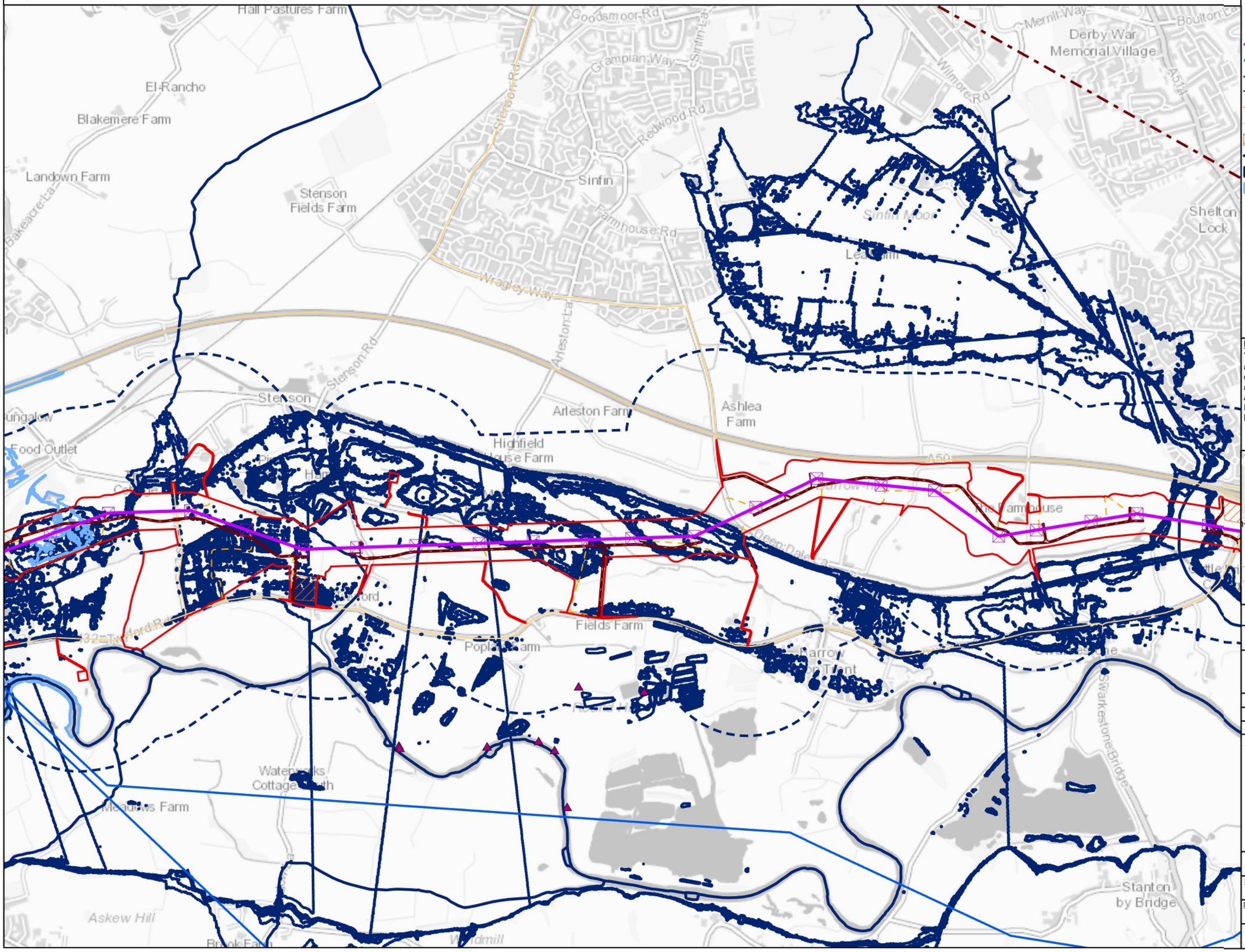
FIGURE 9A.4:
RESERVOIR FLOOD RISK



Legend

- Draft Order Limits
- Study Area
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- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario
- Dry Day Scenario

Notes

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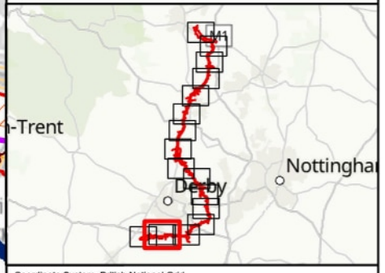

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

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Title

CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number			
Figure 9A.4			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000079			
Scale	**Sheet Size**	**Sheet**	**Issue**
1:20,000	A3	SHEET 15 OF 16	1

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FIGURE 9A.4:
RESERVOIR FLOOD RISK

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Willington Substation Extension
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Wet Day Scenario
- Dry Day Scenario

Notes

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Title

CHESTERFIELD TO WILLINGTON
RESERVOIR FLOOD RISK

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.4	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000079		
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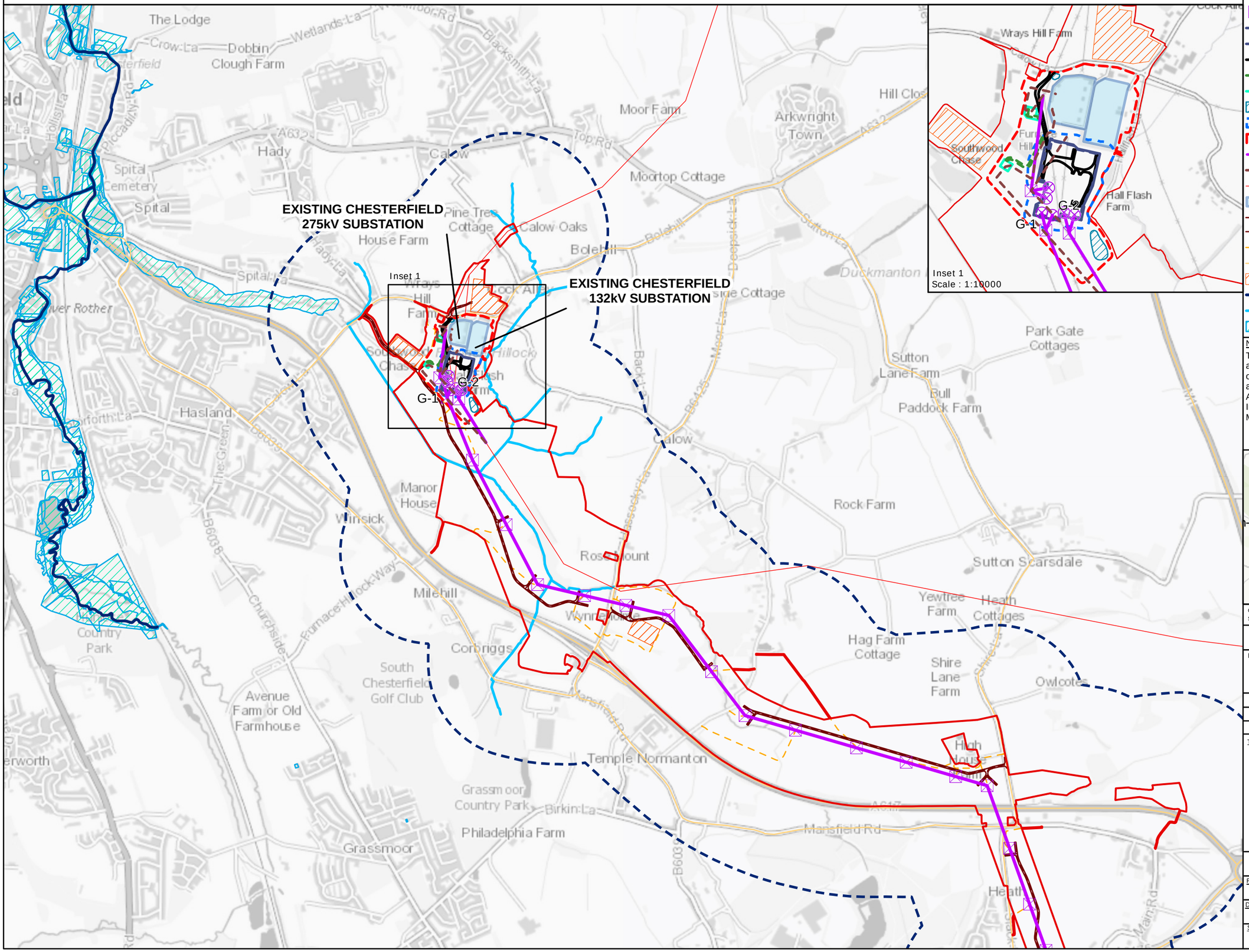
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Existing overhead line - 275kV
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- Recorded Flood Outlines

Notes

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Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 150 300 600 900 Metres

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Title

CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

nationalgrid

Figure Number	Drawing Reference		
Figure 9A.5	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000080		
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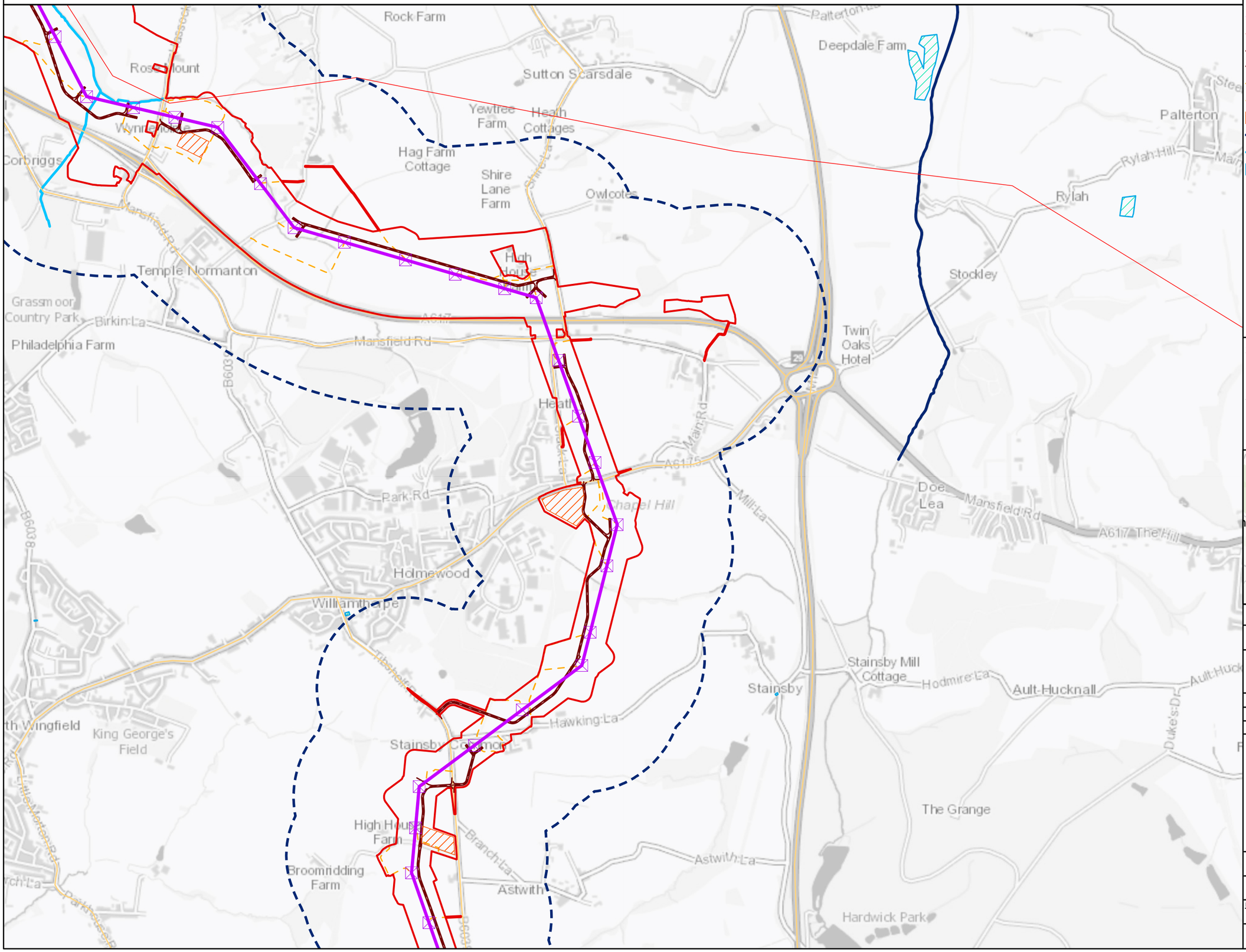
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 275kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Calow Brook
- Recorded Flood Outlines

Notes

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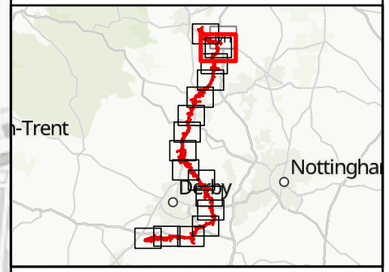

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

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Title

CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

nationalgrid

Figure Number: Figure 9A.5

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000080

Scale	Sheet Size	Sheet	Issue
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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- Recorded Flood Outlines

Notes

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Metres

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

nationalgrid

Figure Number: Figure 9A.5

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000080

Scale	Sheet Size	Sheet	Issue
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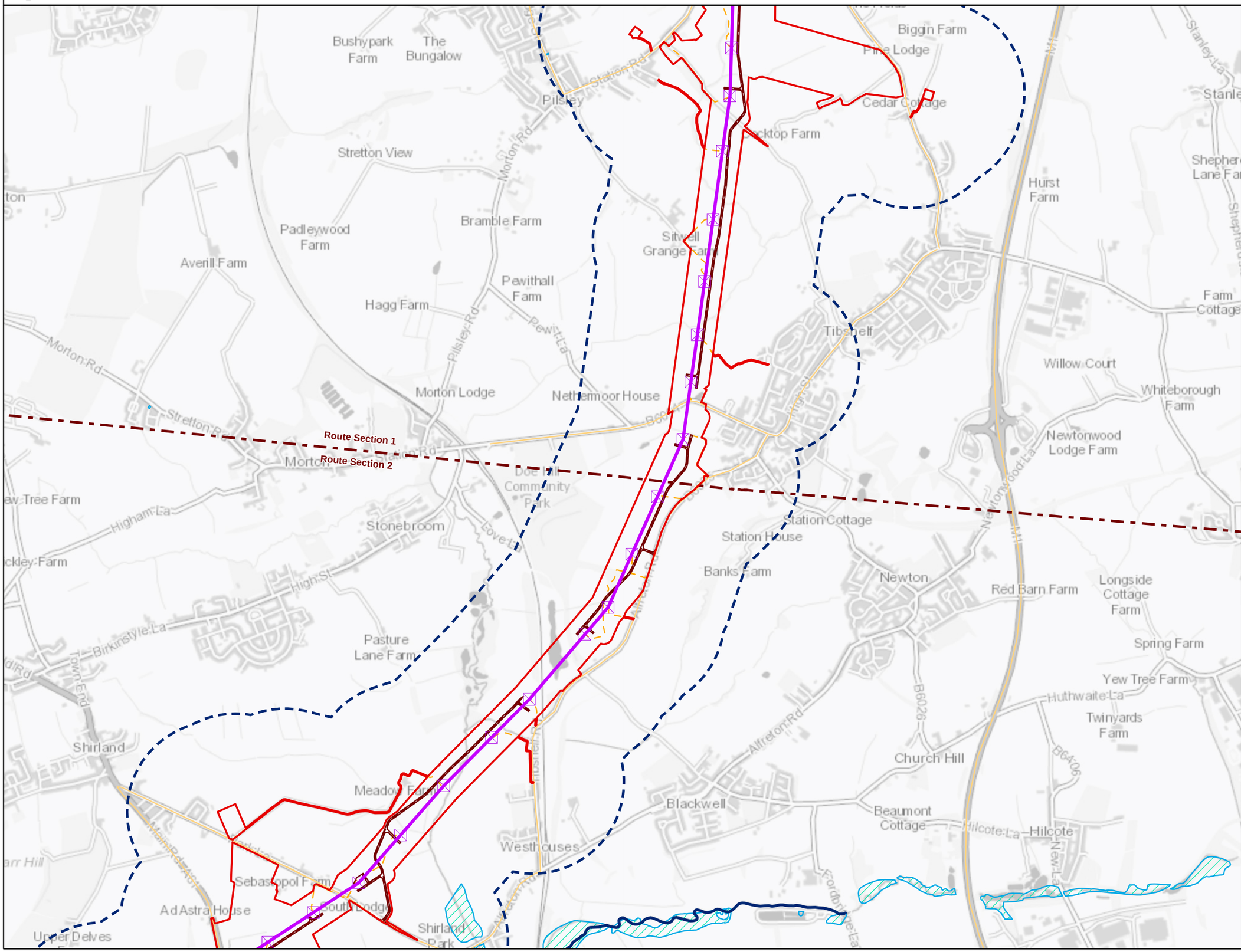
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- EA Main River (England)
- Recorded Flood Outlines

Notes

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Metres

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Title

CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

nationalgrid

Figure Number: Figure 9A.5

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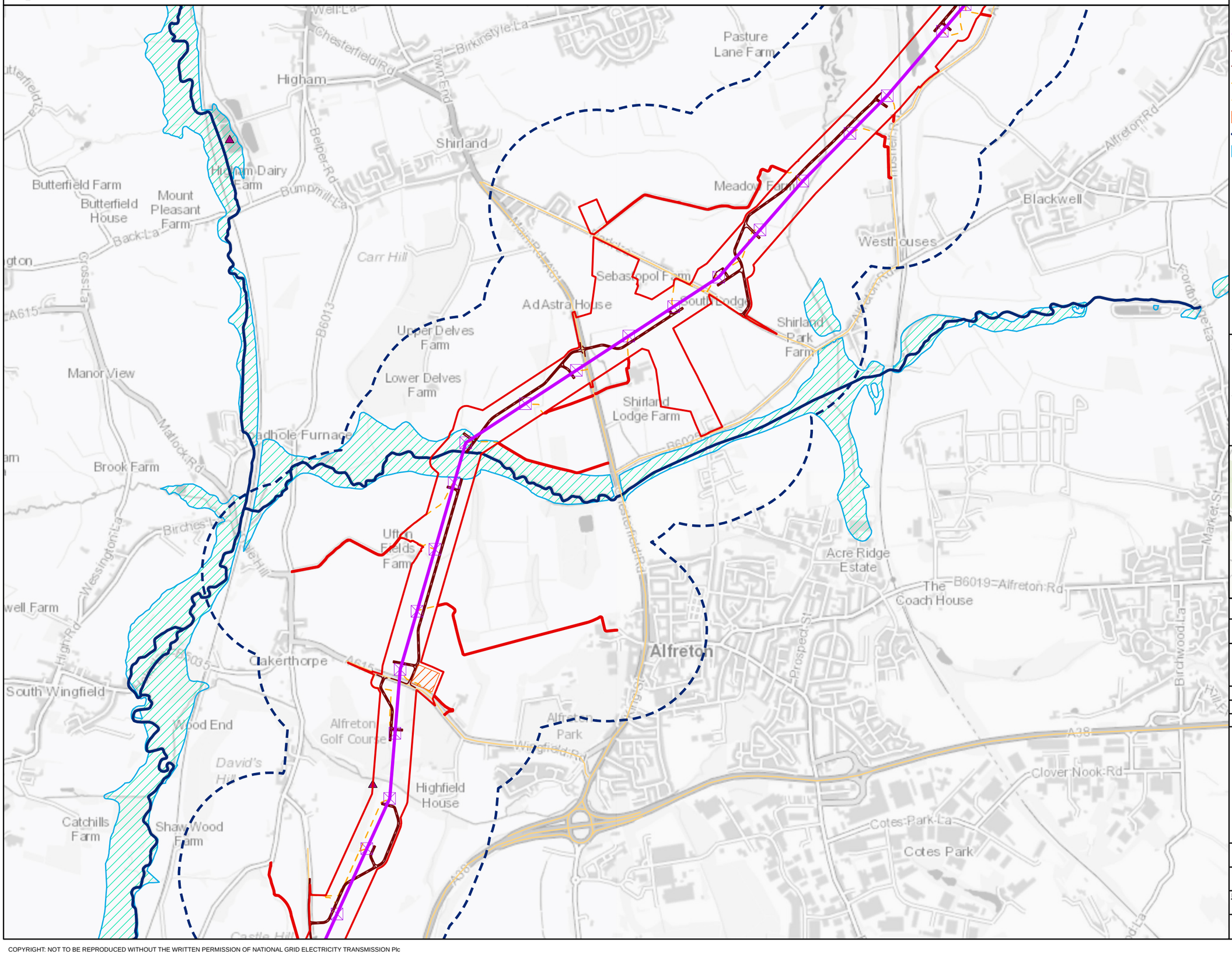
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
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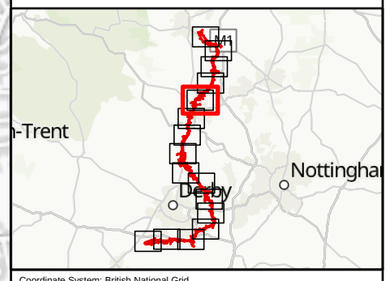

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number: Figure 9A.5

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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Route Section 2

Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number: Figure 9A.5

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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

Notes

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number: Figure 9A.5

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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Legend

- Draft Order Limits
- Study Area
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- EA Main River (England)
- Recorded Flood Outlines

Notes

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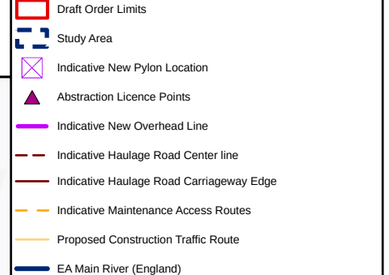

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Metres

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number
Figure 9A.5

Drawing Reference
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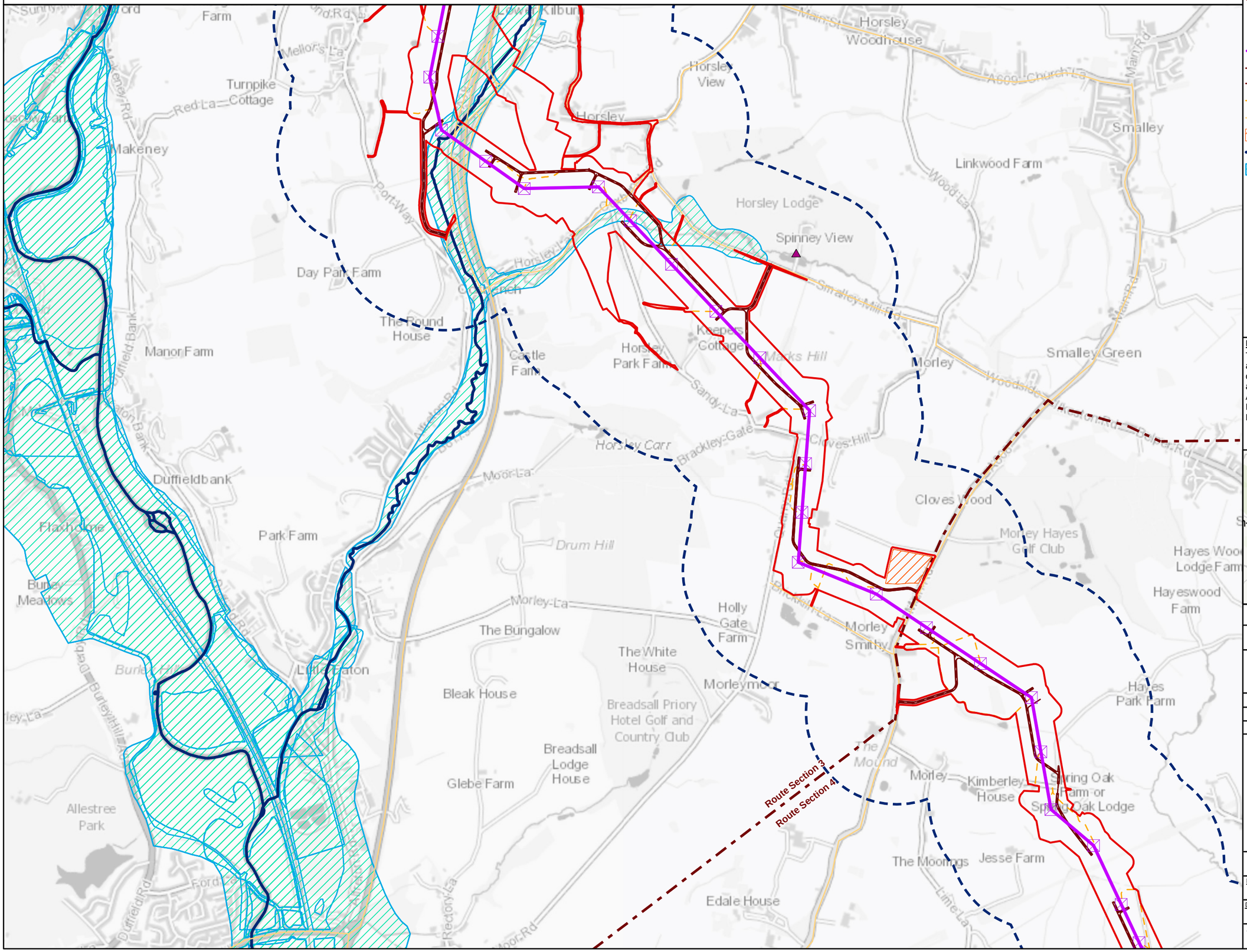
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

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Title

CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number	Drawing Reference		
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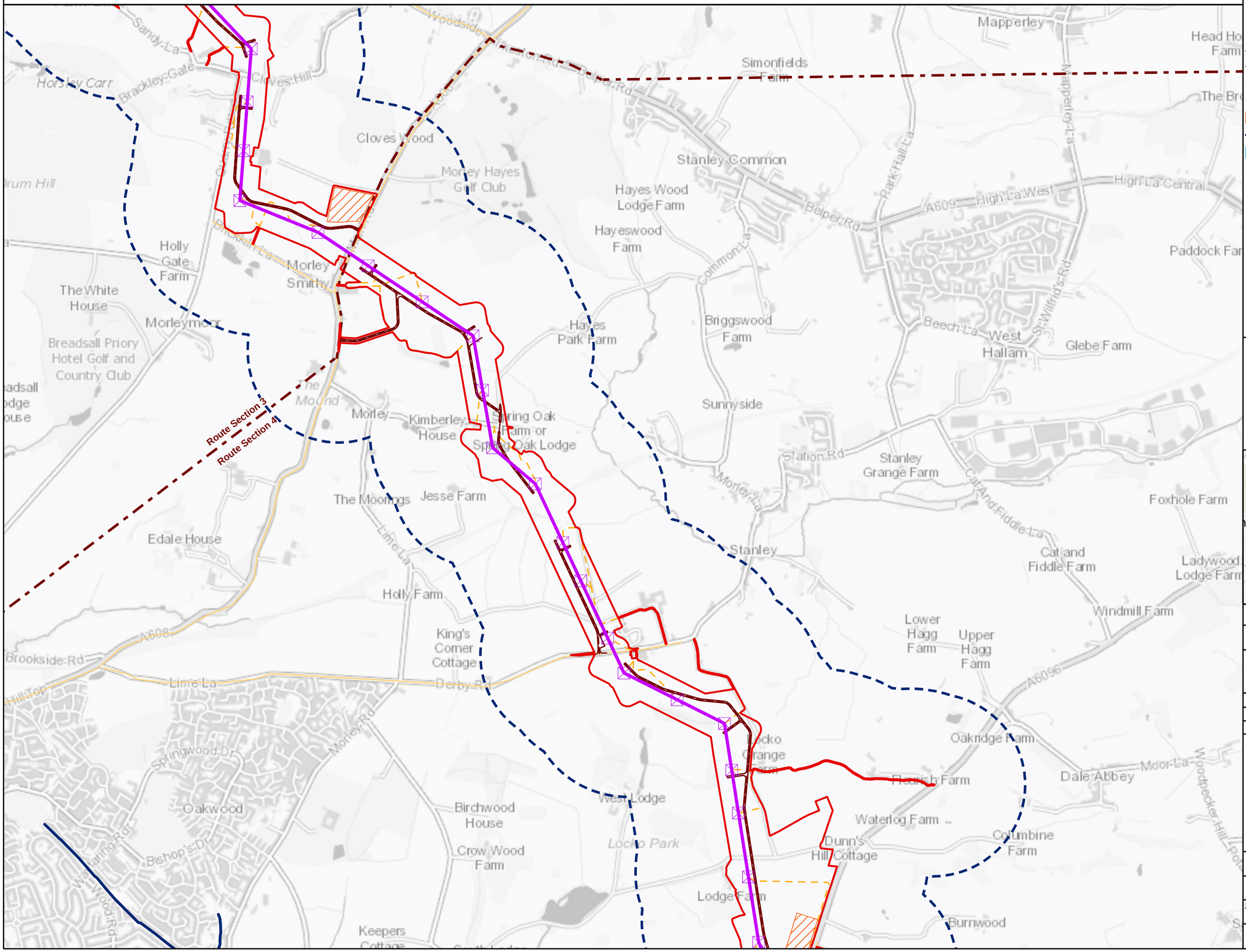
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

Notes

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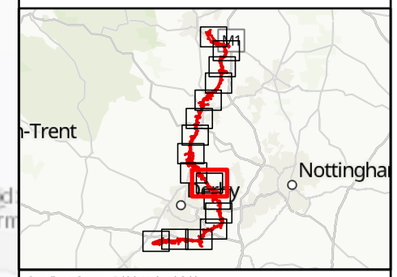

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Metres

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RECORDED FLOOD OUTLINES

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Figure Number
Figure 9A.5

Drawing Reference
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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Route Section 4

Route Section 5

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

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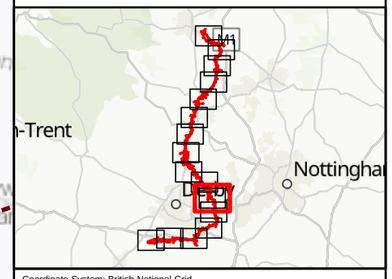

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RECORDED FLOOD OUTLINES

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Figure Number: Figure 9A.5

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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Route Section 4

Route Section 5

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- EA Main River (England)
- Recorded Flood Outlines

Notes

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Title

CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

nationalgrid

Figure Number: Figure 9A.5

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000080

Scale	Sheet Size	Sheet	Issue
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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

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Title

CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

nationalgrid

Figure Number: Figure 9A.5

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000080

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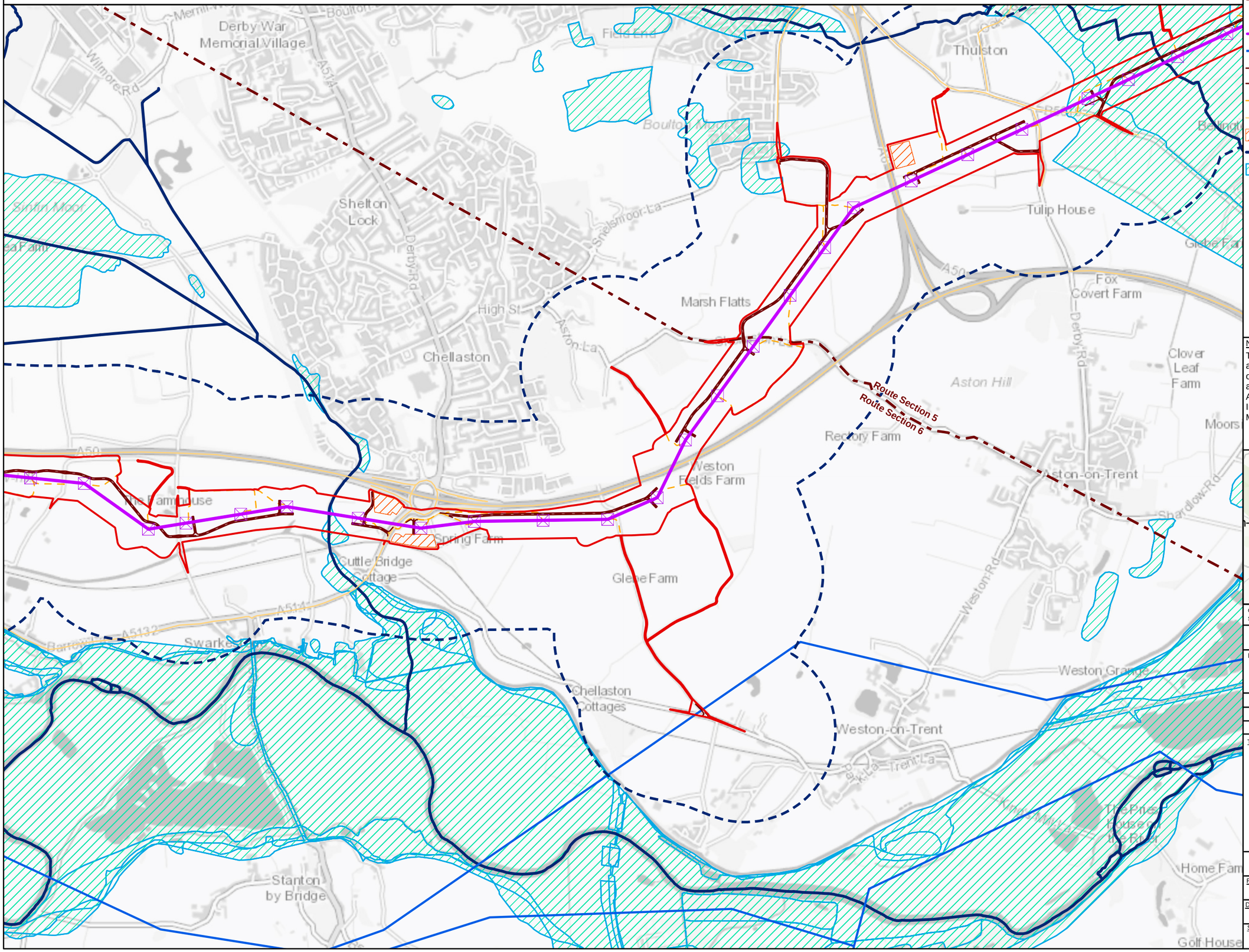
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

Notes

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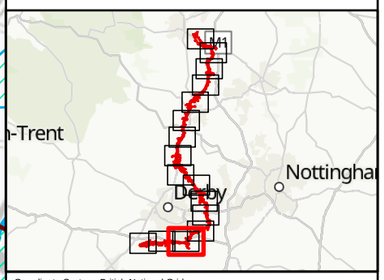

Coordinate System: British National Grid
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RECORDED FLOOD OUTLINES

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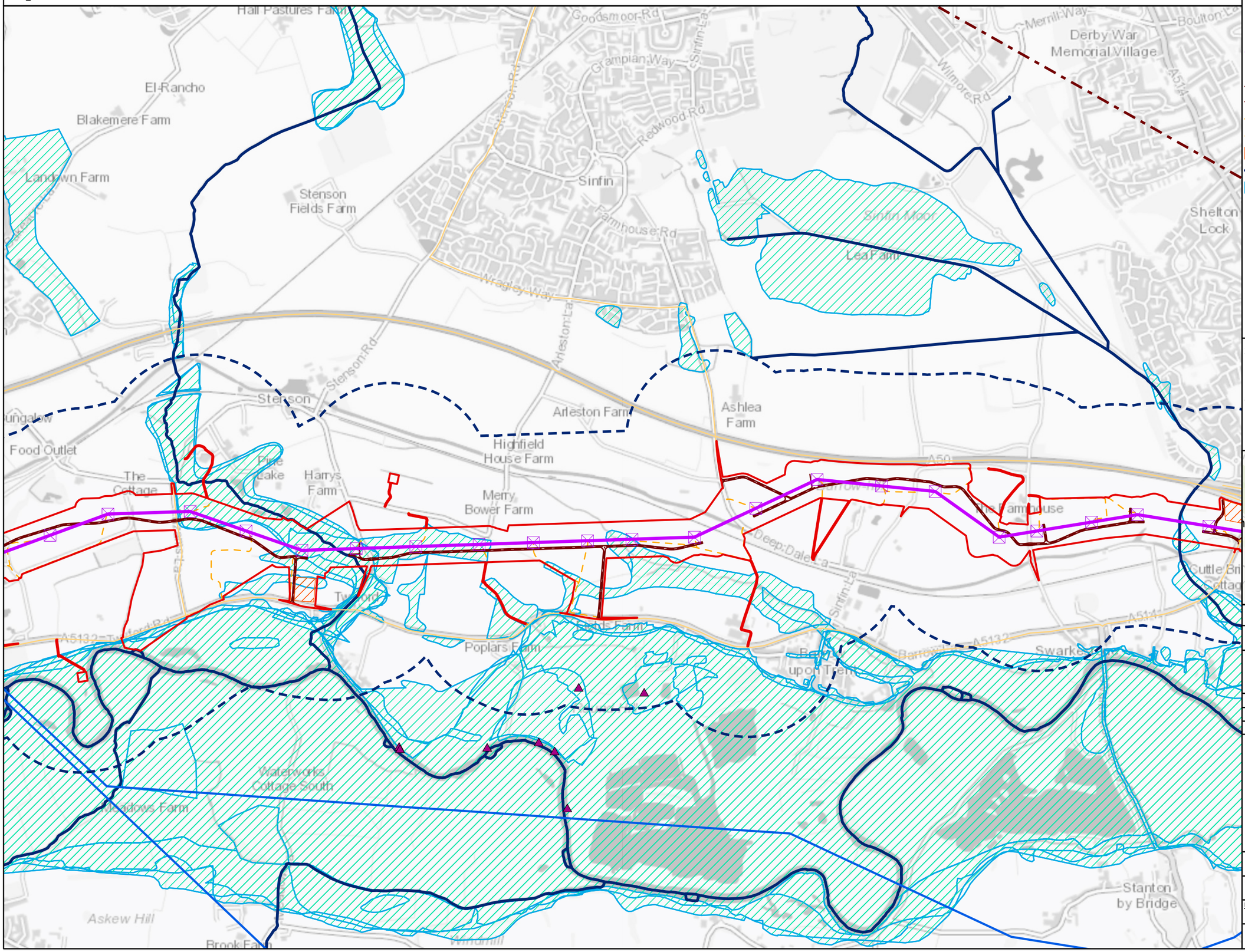
FIGURE 9A.5:
RECORDED FLOOD OUTLINES



Legend

- Draft Order Limits
- Study Area
- Route Section Break
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

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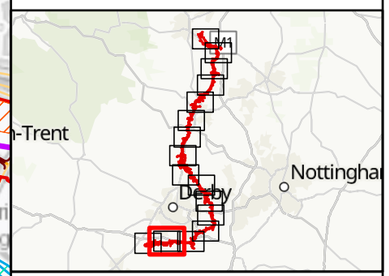

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number: Figure 9A.5

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FIGURE 9A.5:
RECORDED FLOOD OUTLINES

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

G-3

G-4

Legend

- Draft Order Limits
- Study Area
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative New Overhead Line
- Existing overhead line - 400kV
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Proposed Construction Traffic Route
- Indicative Construction Compound
- EA Main River (England)
- Recorded Flood Outlines

Notes

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CHESTERFIELD TO WILLINGTON
RECORDED FLOOD OUTLINES

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Figure Number	Drawing Reference		
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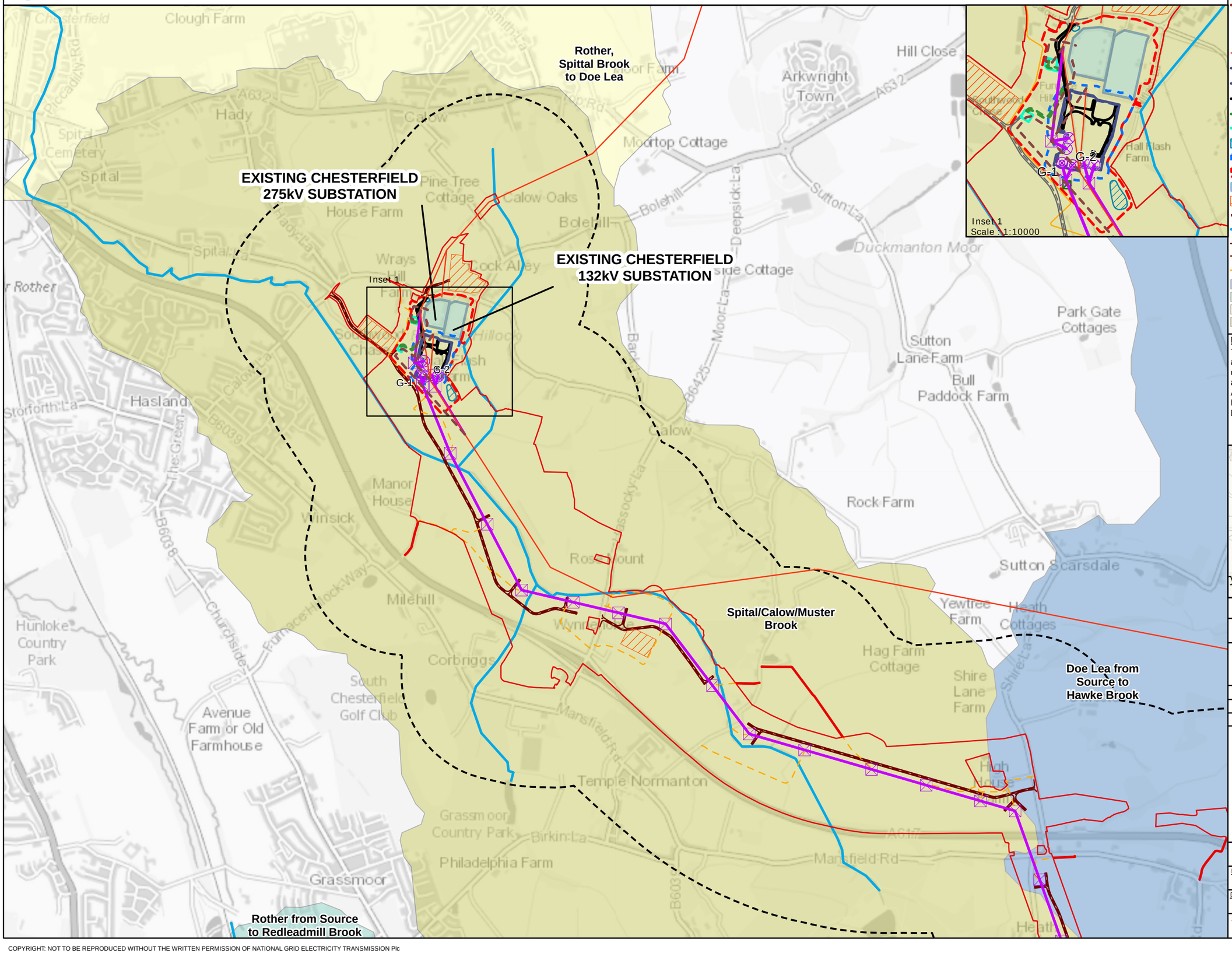
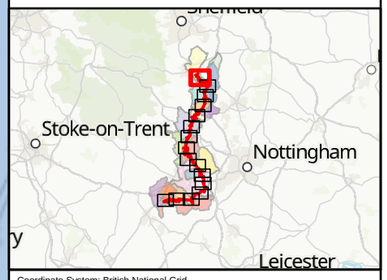
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS





Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Doe Lea from Source to Hawke Brook
- Rother from Source to Redleadmill Brook
- Rother, Spittal Brook to Doe Lea
- Spital/Calow/Muster Brook

Notes

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CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Spital/Calow/Muster Brook

Doe Lea from Source to Hawke Brook

Rother from Source to Redleadmill Brook

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Doe Lea from Source to Hawke Brook
- Rother from Source to Redleadmill Brook
- Spital/Calow/Muster Brook

Notes

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CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number: Figure 9B.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010

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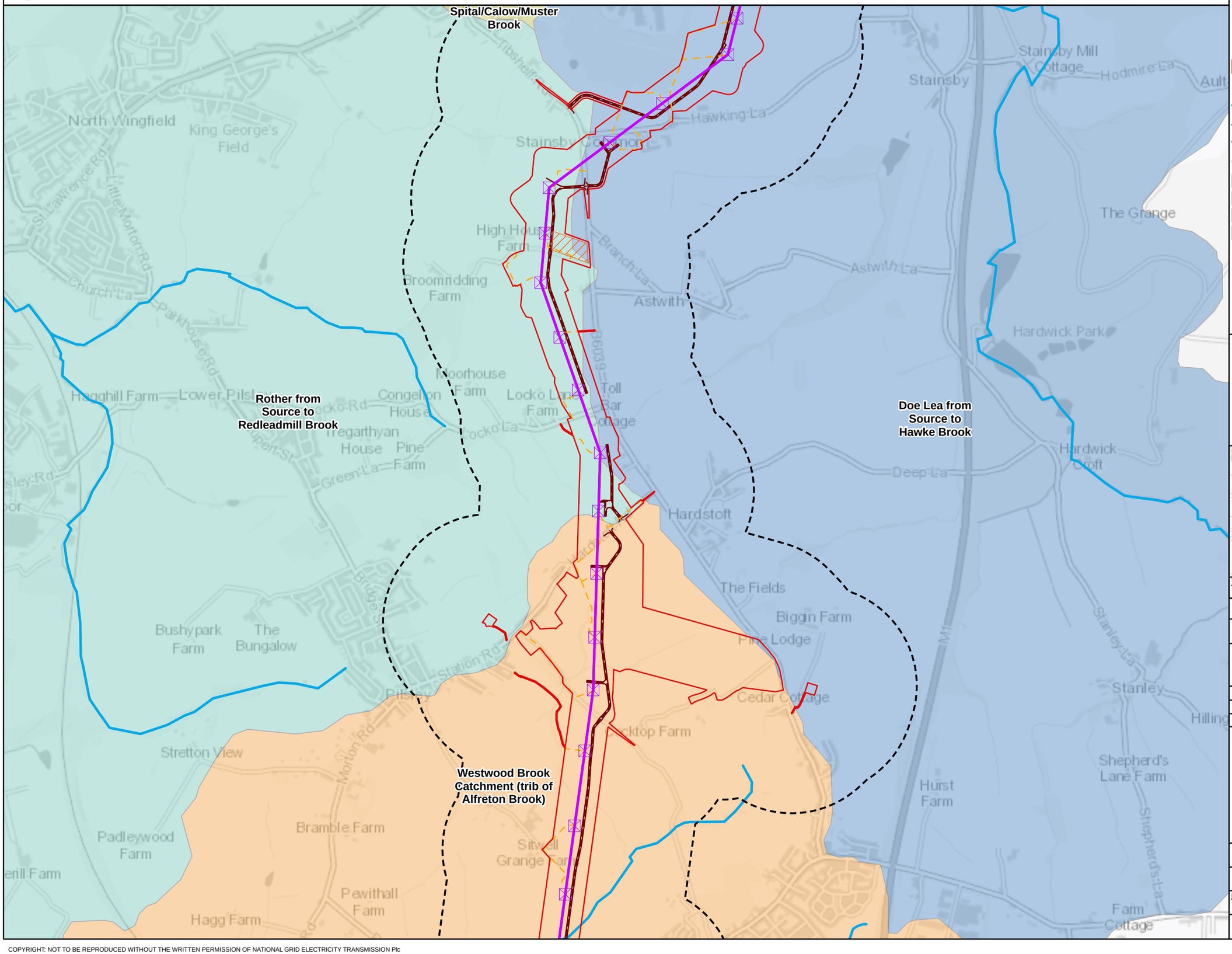
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Doe Lea from Source to Hawke Brook
- Rother from Source to Redleadmill Brook
- Spital/Calow/Muster Brook
- Westwood Brook Catchment (trib of Alfreton Brook)

Notes

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WFD SURFACE WATER BODY CATCHMENTS

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Figure Number: Figure 9B.1

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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Rother from Source to Redleadmill Brook

Doe Lea from Source to Hawke Brook

Route Section 1

Route Section 2

Westwood Brook Catchment (trib of Alfreton Brook)

Alfreton Brook from Source to Westwood Brook

Alfreton Brook from Westwood Brook to Amber

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Alfreton Brook from Source to Westwood Brook
- Alfreton Brook from Westwood Brook to Amber
- Doe Lea from Source to Hawke Brook
- Rother from Source to Redleadmill Brook
- Westwood Brook Catchment (trib of Alfreton Brook)

Notes

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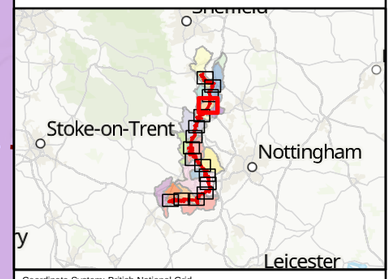

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Figure Number
Figure 9B.1

Drawing Reference
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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Amber from Press Brook to Alfreton Brook

Westwood Brook Catchment (trib of Alfreton Brook)

Alfreton Brook from Source to Westwood Brook

Alfreton Brook from Westwood Brook to Amber

Amber from Alfreton Brook to Derwent

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Alfreton Brook from Source to Westwood Brook
- Alfreton Brook from Westwood Brook to Amber
- Amber from Alfreton Brook to Derwent
- Westwood Brook Catchment (trib of Alfreton Brook)
- Amber from Press Brook to Alfreton Brook

Notes

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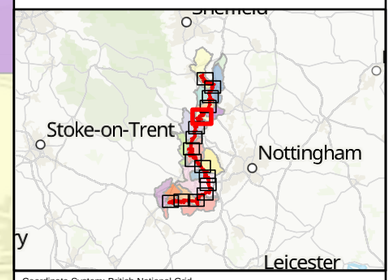

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Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

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WFD SURFACE WATER BODY CATCHMENTS

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Figure Number
Figure 9B.1

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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Amber from Alfreton Brook to Derwent

Route Section 2

Route Section 3

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Alfreton Brook from Westwood Brook to Amber
- Amber from Alfreton Brook to Derwent

Notes

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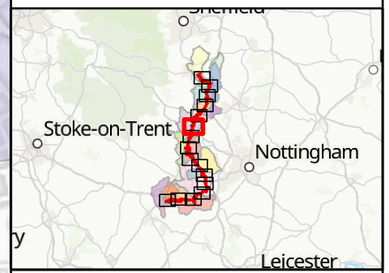

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0 200 400 800 Metres

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Figure 9B.1

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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Route Section 2
Route Section 3
Amber from Alfreton Brook to Derwent
Derwent from Amber to Bottle Brook
Bottle Brook Catchment (trib of Derwent)

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Amber from Alfreton Brook to Derwent
- Bottle Brook Catchment (trib of Derwent)
- Derwent from Amber to Bottle Brook

Notes
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Title

CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 7 OF 16	1

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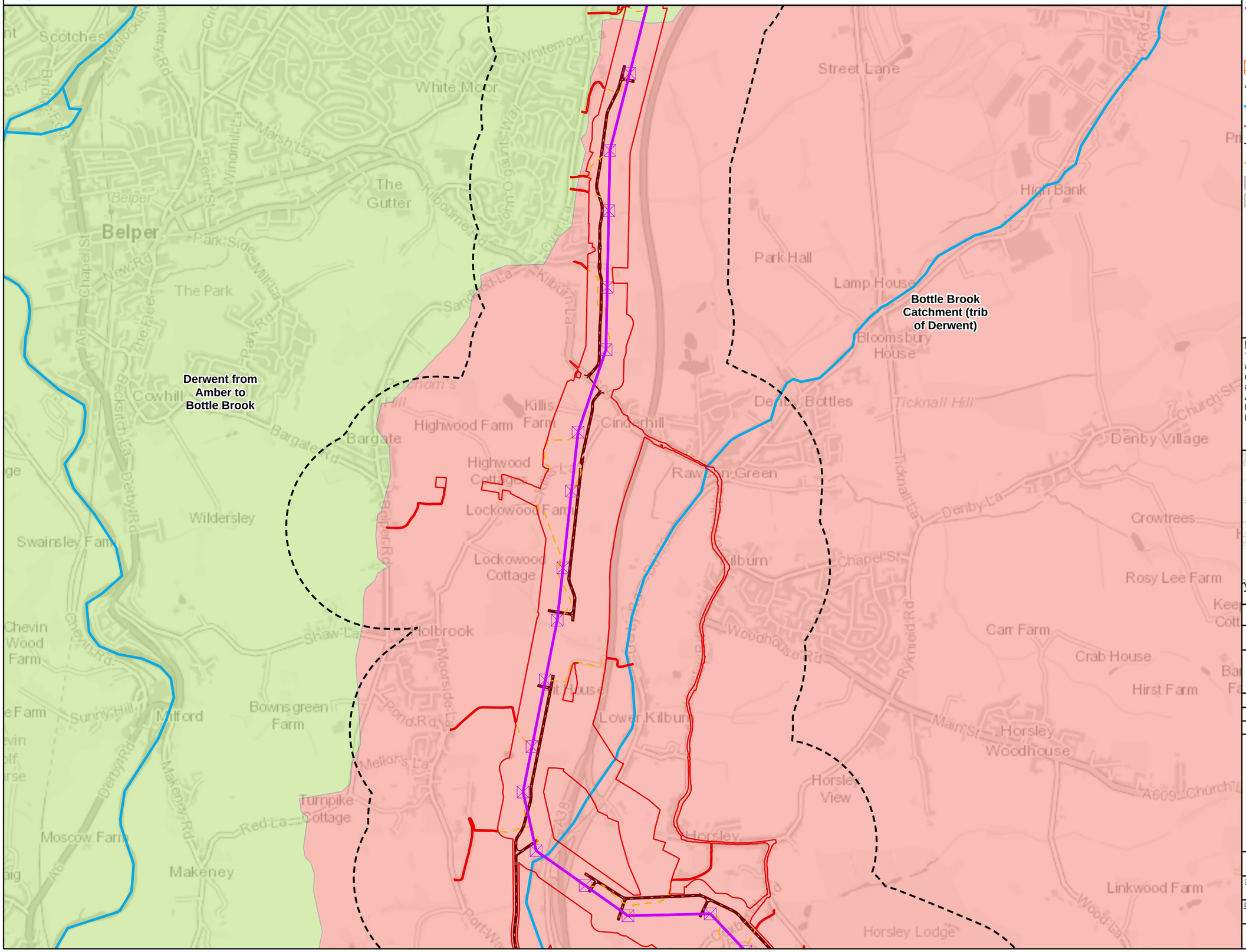
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Bottle Brook Catchment (trib of Derwent)
- Derwent from Amber to Bottle Brook

Notes

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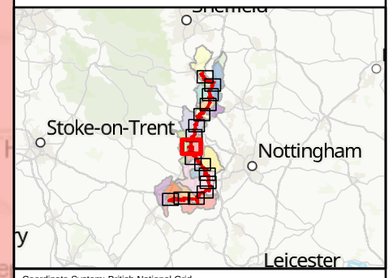

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
Scale	**Sheet Size**	**Sheet**	**Issue**
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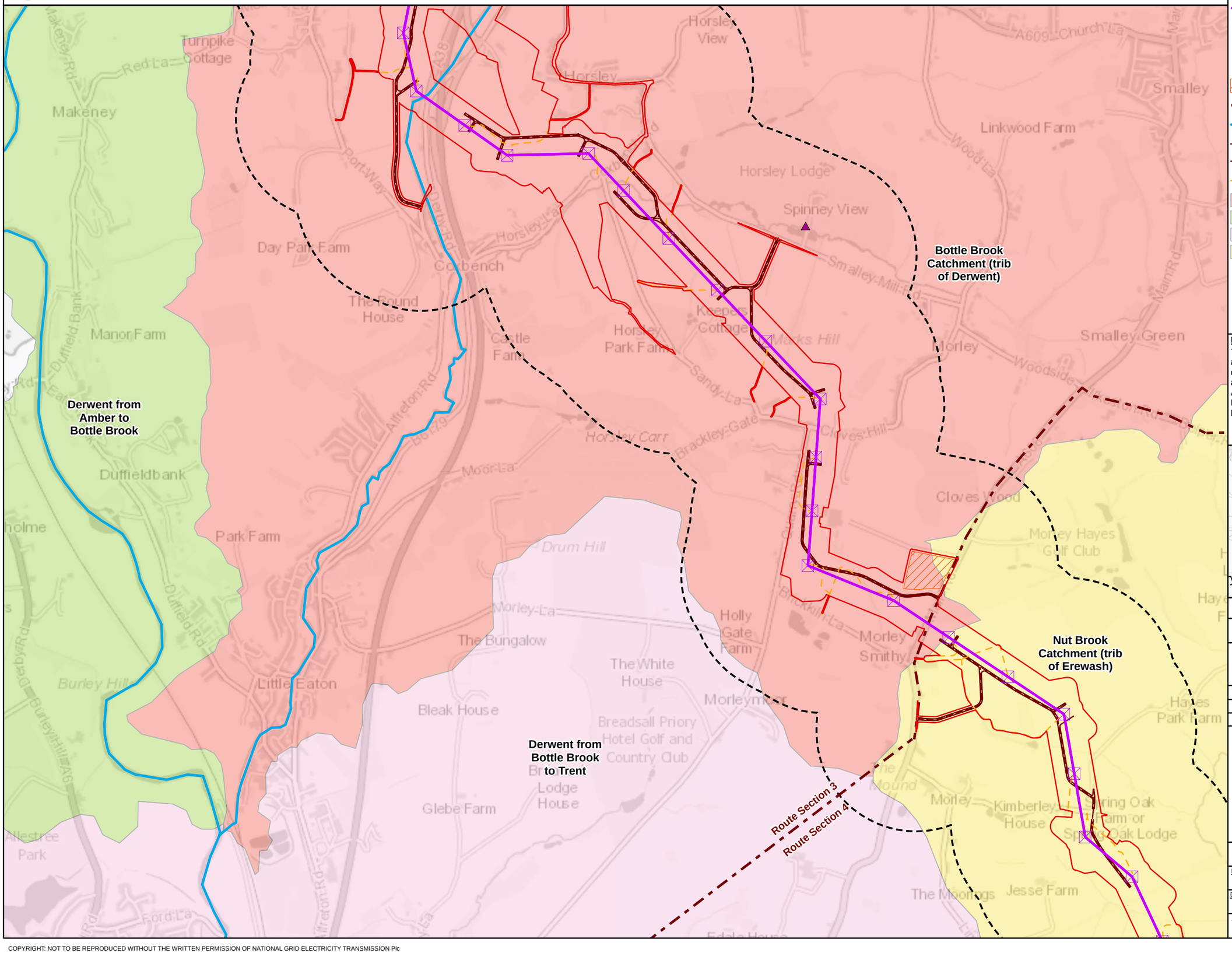
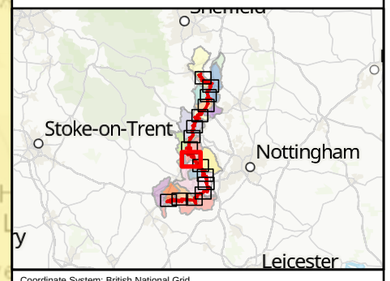
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS





Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Bottle Brook Catchment (trib of Derwent)
- Derwent from Amber to Bottle Brook
- Derwent from Bottle Brook to Trent
- Nut Brook Catchment (trib of Erewash)

Notes

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Coordinate System: British National Grid
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0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number: Figure 9B.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010

Scale	Sheet Size	Sheet	Issue
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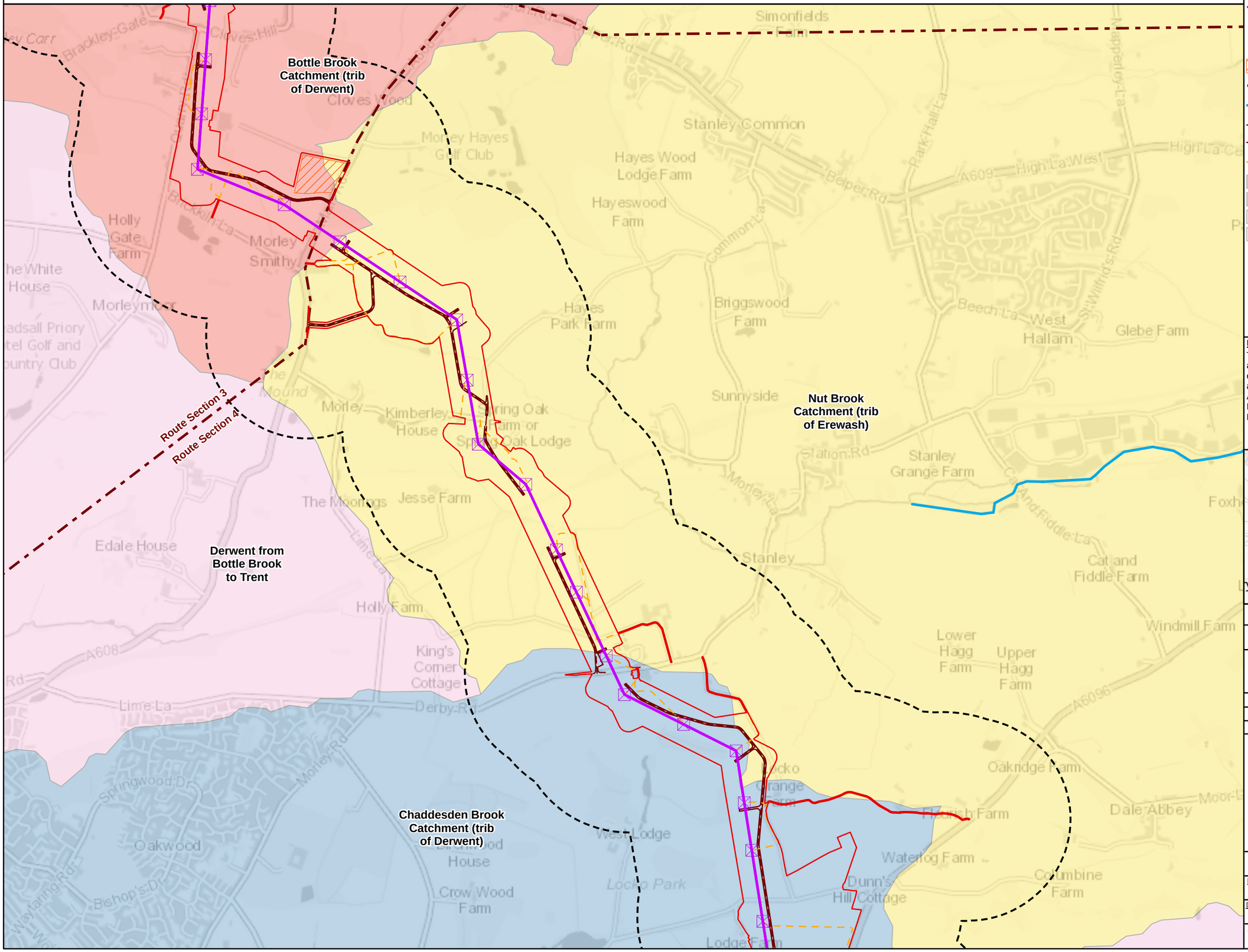
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Bottle Brook Catchment (trib of Derwent)
- Chaddesden Brook Catchment (trib of Derwent)
- Derwent from Bottle Brook to Trent
- Nut Brook Catchment (trib of Erewash)

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 200 400 800
Metres

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Title

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WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number
Figure 9B.1

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010

Scale	Sheet Size	Sheet	Issue
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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Nut Brook Catchment (trib of Erewash)

Chaddesden Brook Catchment (trib of Derwent)

Derwent from Bottle Brook to Trent

Route Section 4

Route Section 5

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Chaddesden Brook Catchment (trib of Derwent)
- Derwent from Bottle Brook to Trent
- Nut Brook Catchment (trib of Erewash)

Notes

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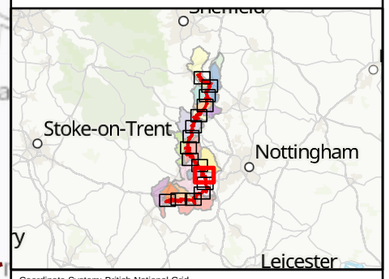

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442538E
Sheet Y Centroid Coordinate: 337359.31N

0 200 400 800 Metres

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WFD SURFACE WATER BODY CATCHMENTS

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Figure Number: Figure 9B.1

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FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS

Chaddesden Brook Catchment (trib of Derwent)

Route Section 4

Route Section 5

Derwent from Bottle Brook to Trent

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Chaddesden Brook Catchment (trib of Derwent)
- Derwent from Bottle Brook to Trent

Notes

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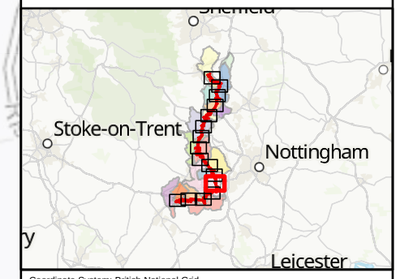

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

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Metres

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WFD SURFACE WATER BODY CATCHMENTS

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Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
Scale	Sheet Size	Sheet	Issue
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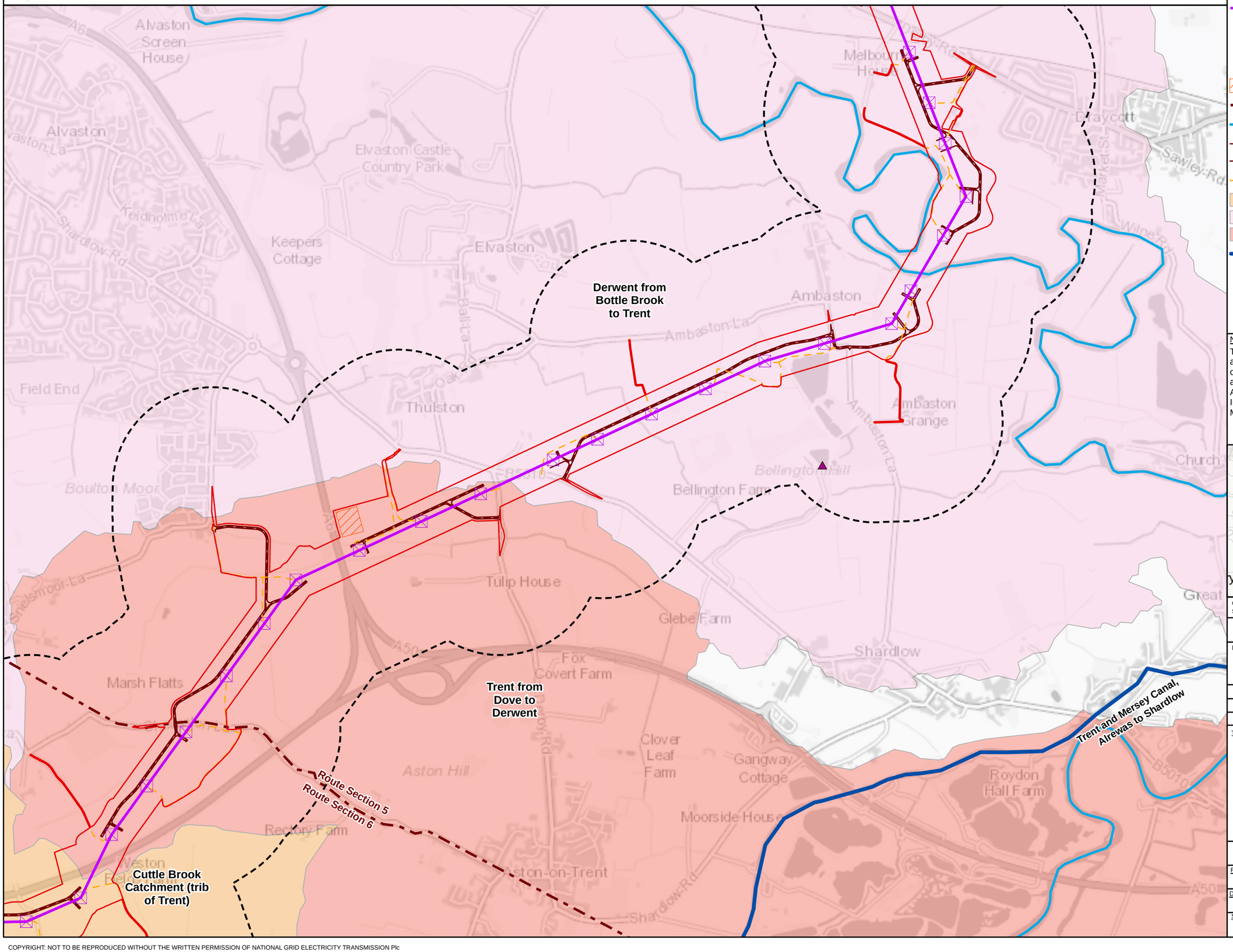
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Cuttle Brook Catchment (trib of Trent)
- Derwent from Bottle Brook to Trent
- Trent from Dove to Derwent
- Artificial Water Bodies

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
Scale	**Sheet Size**	**Sheet**	**Issue**
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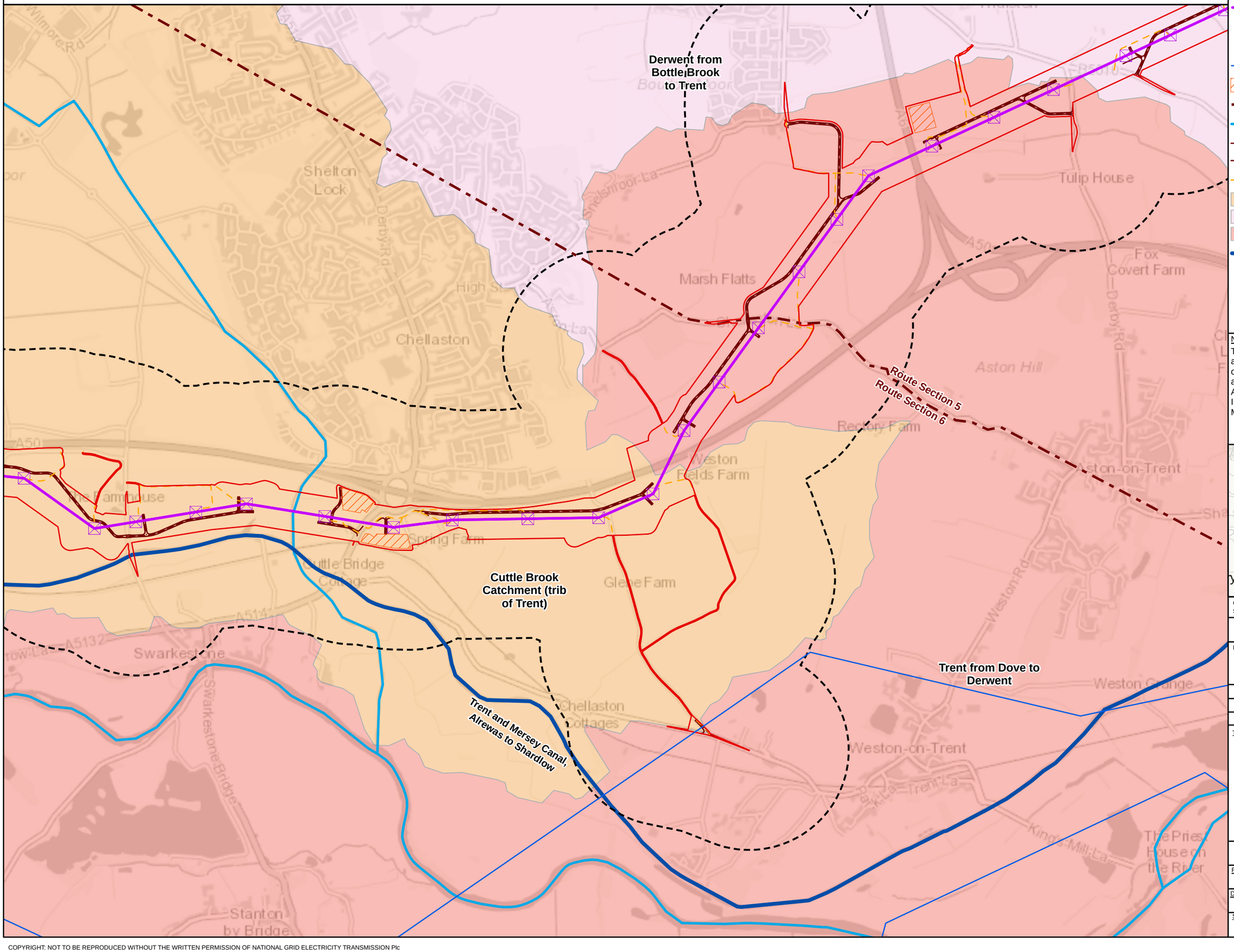
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 400kV
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Cuttle Brook Catchment (trib of Trent)
- Derwent from Bottle Brook to Trent
- Trent from Dove to Derwent
- Artificial Water Bodies

Notes

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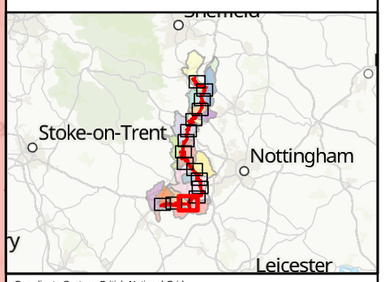

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 800 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

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WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
Scale	**Sheet Size**	**Sheet**	**Issue**
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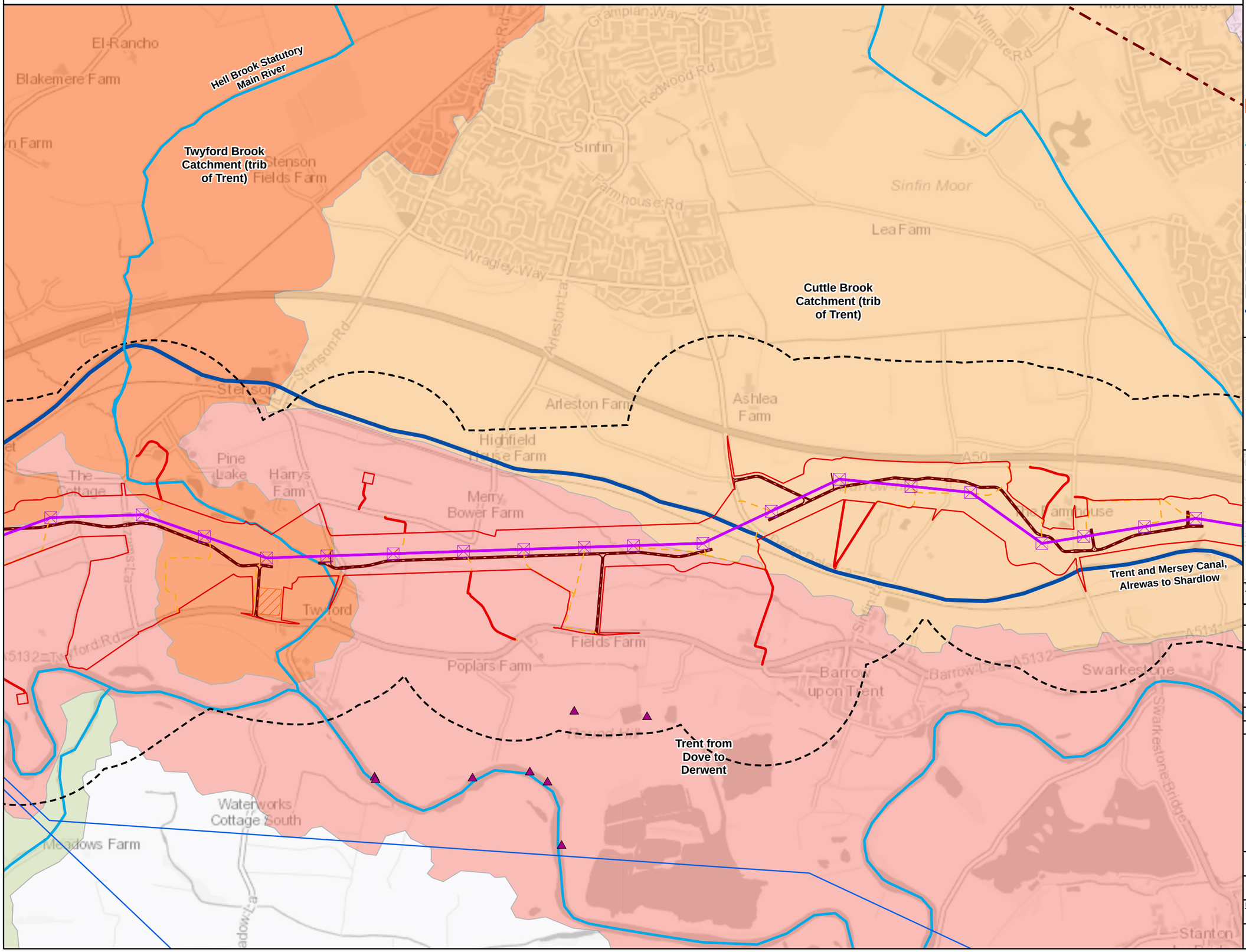
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Cuttle Brook Catchment (trib of Trent)
- Derwent from Bottle Brook to Trent
- Trent from Dove to Derwent
- Twyford Brook Catchment (trib of Trent)
- Repton Brook Catchment (trib of Trent)
- Artificial Water Bodies

Notes

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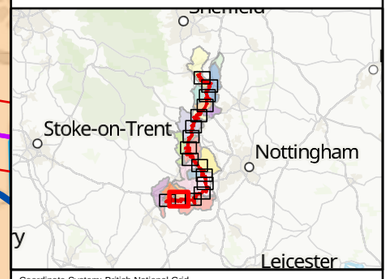

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Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
WFD SURFACE WATER BODY CATCHMENTS

nationalgrid

Figure Number: Figure 9B.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010

Scale	Sheet Size	Sheet	Issue
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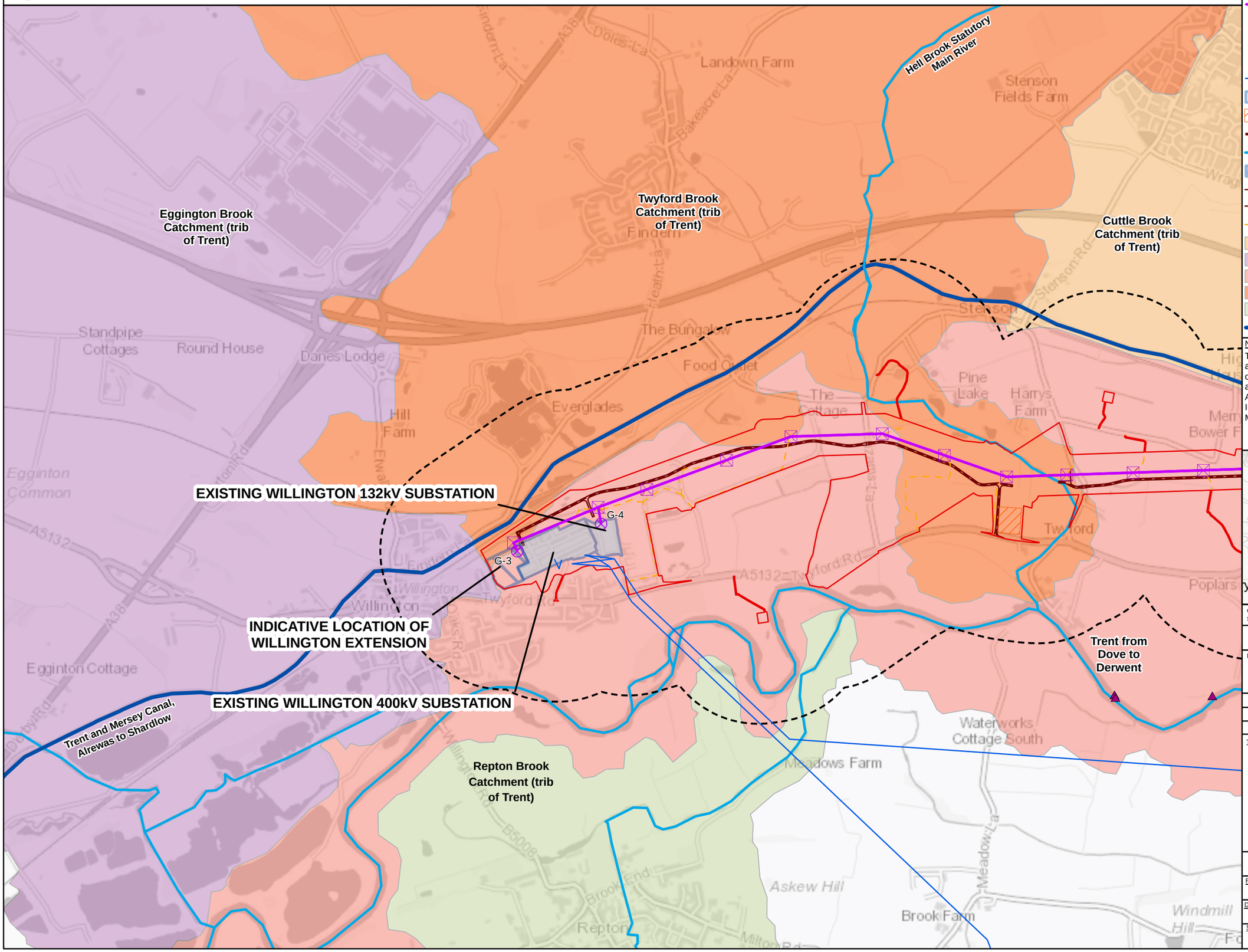
FIGURE 9B.1:
WFD SURFACE WATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Existing Substation Site Boundary
- Indicative Construction Compound
- Route Section Break
- River Water Bodies
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Cuttle Brook Catchment (trib of Trent)
- Eggington Brook Catchment (trib of Trent)
- Trent from Dove to Derwent
- Twyford Brook Catchment (trib of Trent)
- Repton Brook Catchment (trib of Trent)
- Artificial Water Bodies

Notes

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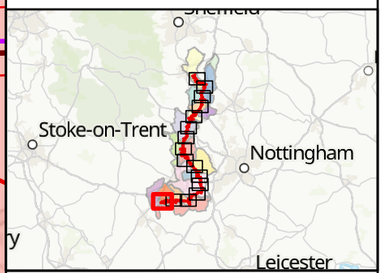

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Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 800 Metres

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WFD SURFACE WATER BODY
CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.1	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000010		
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FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS

EXISTING CHESTERFIELD
275kV SUBSTATION

EXISTING CHESTERFIELD
132kV SUBSTATION

Inset 1

G-1

G-2

Inset 1
Scale : 1:10000

Don & Rother
Millstone grit
& Coal Measures

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY
CATCHMENTS

nationalgrid

Figure Number: Figure 9B.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000011

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 1 OF 16	1

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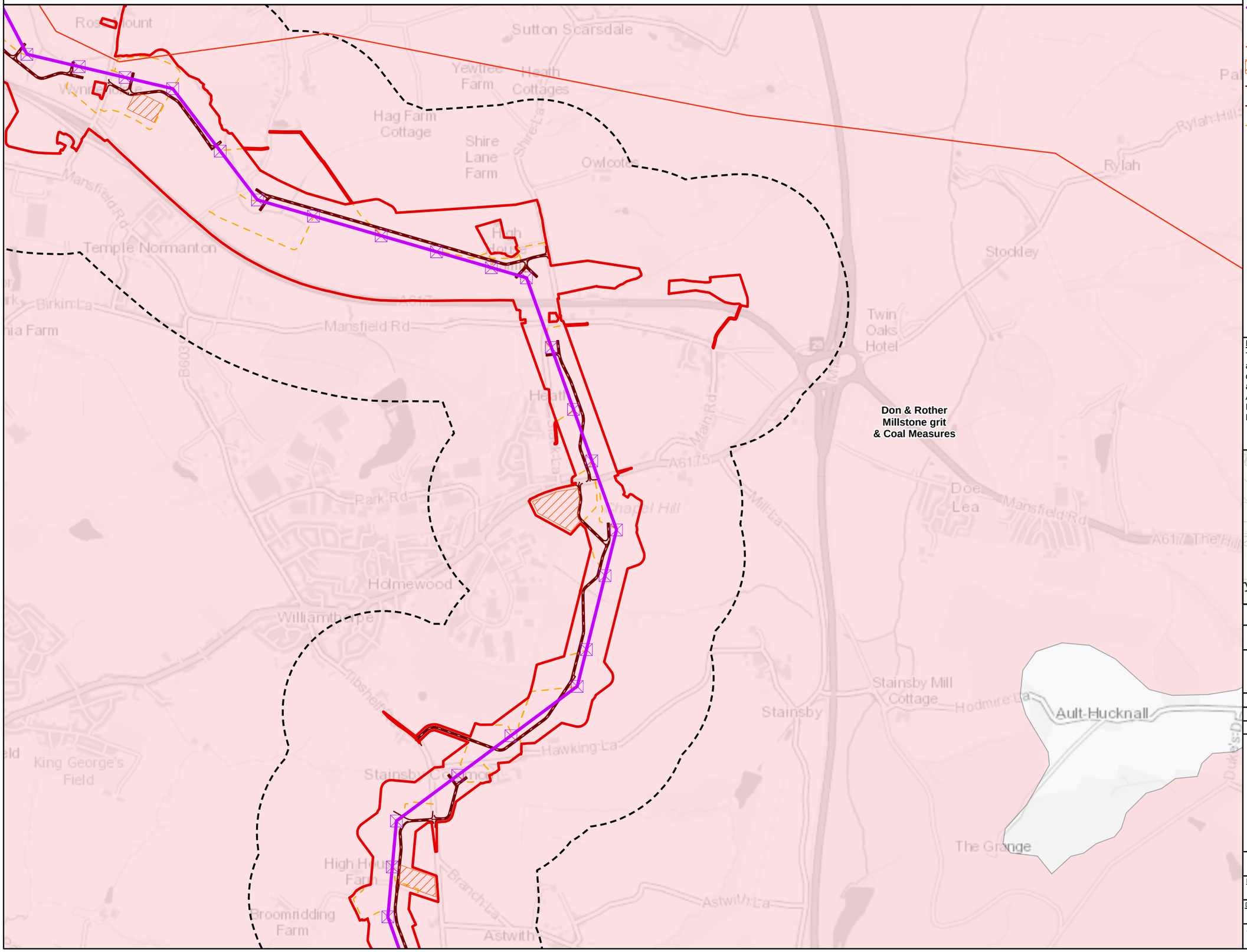
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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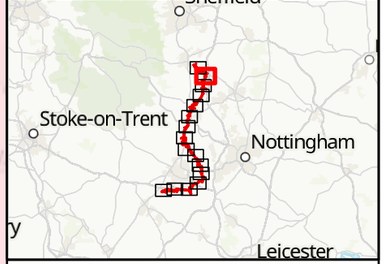

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Title

CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY
CATCHMENTS

nationalgrid

Figure Number: Figure 9B.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000011

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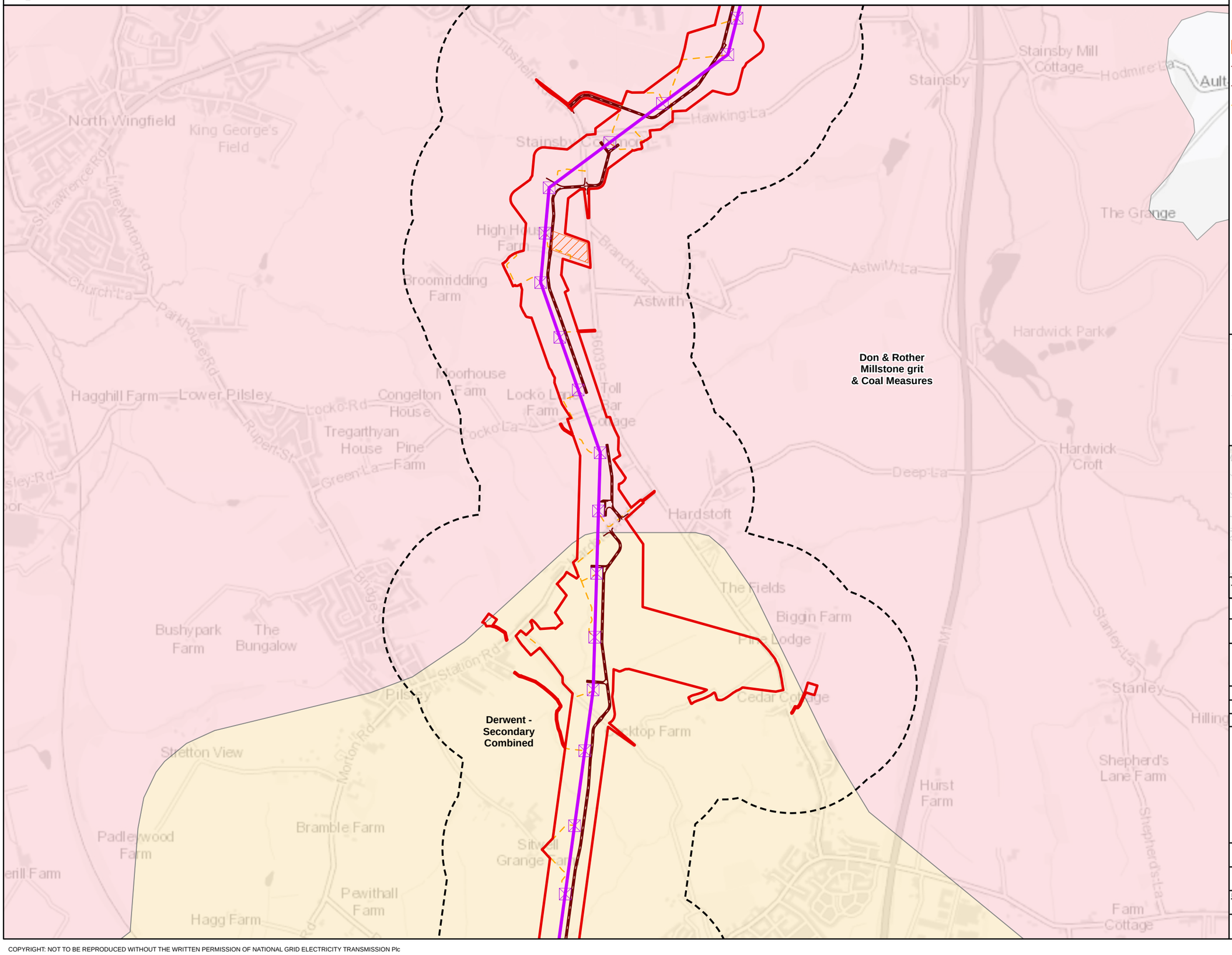
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY
CATCHMENTS

nationalgrid

Figure Number	Drawing Reference		
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FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS

Don & Rother
Millstone grit
& Coal Measures

Derwent -
Secondary
Combined

Route Section 1

Route Section 2

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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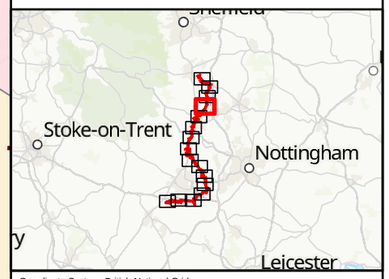

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CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY
CATCHMENTS

nationalgrid

Figure Number
Figure 9B.2

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FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS

Derwent - Secondary Combined

Lower Trent Erewash - Coal Measures

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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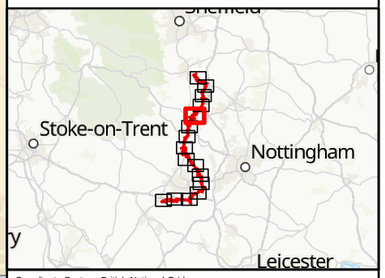

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Figure Number
Figure 9B.2

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FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS

Derwent - Secondary Combined

Lower Trent Erewash - Coal Measures

Route Section 2

Route Section 3

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Route Section Break
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

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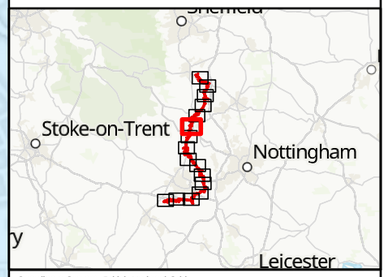

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CHESTERFIELD TO WILLINGTON WFD GROUNDWATER BODY CATCHMENTS

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Figure Number: Figure 9B.2

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FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS

Route Section 2

Route Section 3

Derwent - Secondary Combined

Lower Trent Erewash - Coal Measures

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

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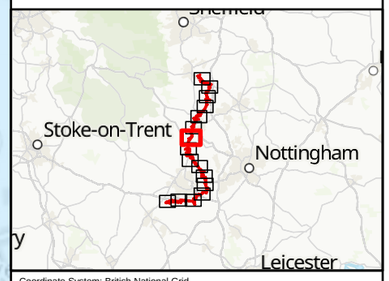

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CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY CATCHMENTS

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Figure Number: Figure 9B.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000011

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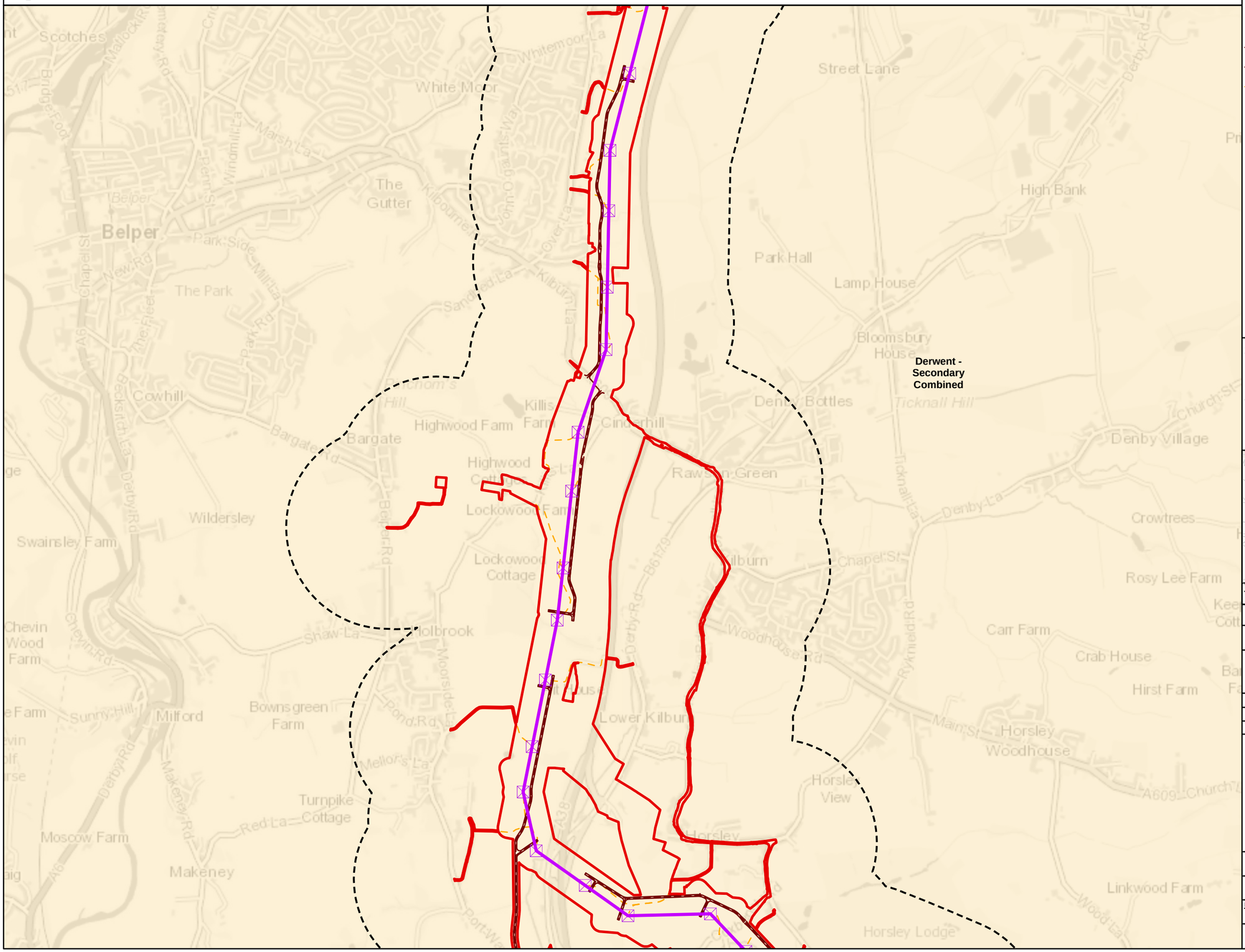
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

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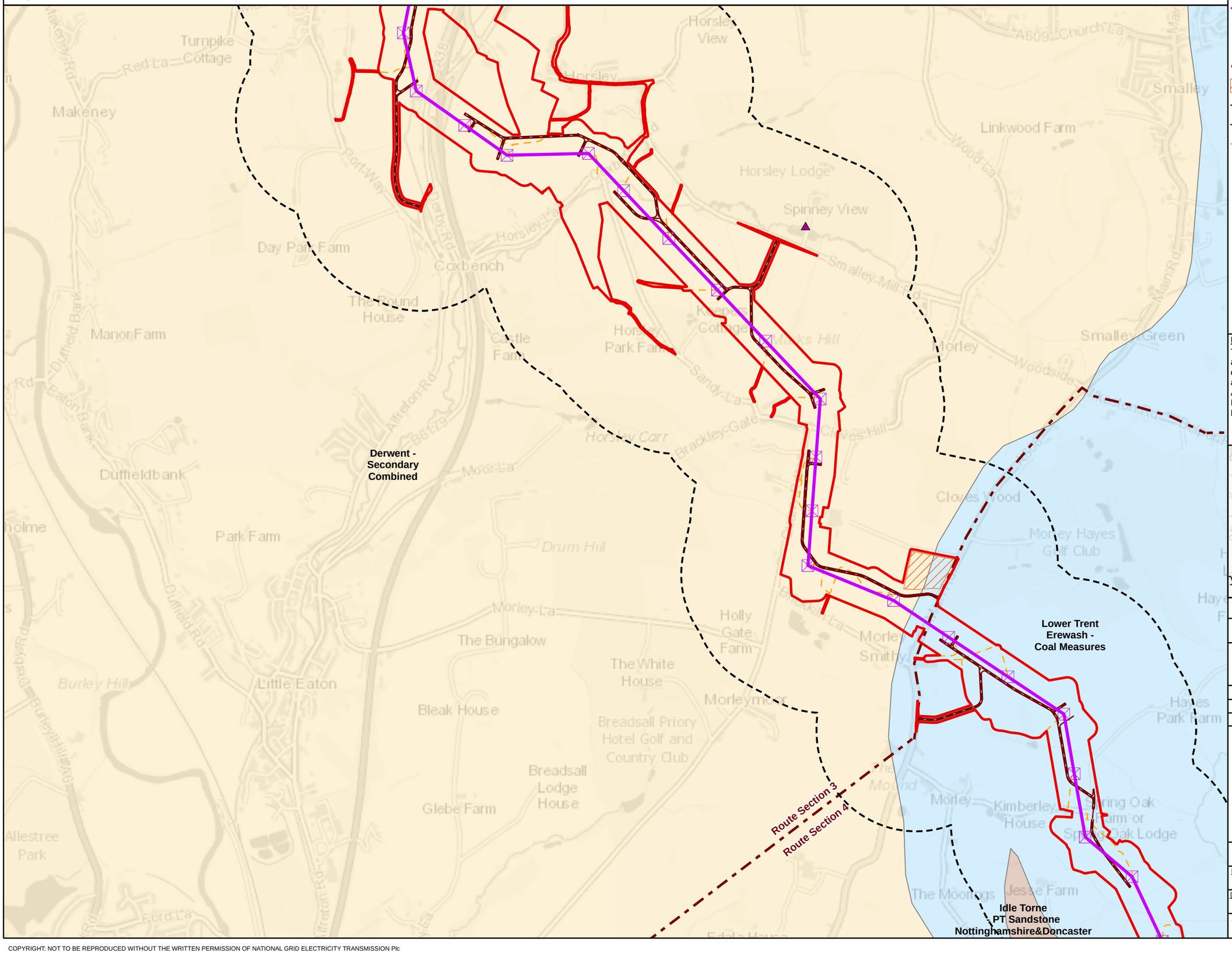
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
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CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY CATCHMENTS

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Figure Number: Figure 9B.2

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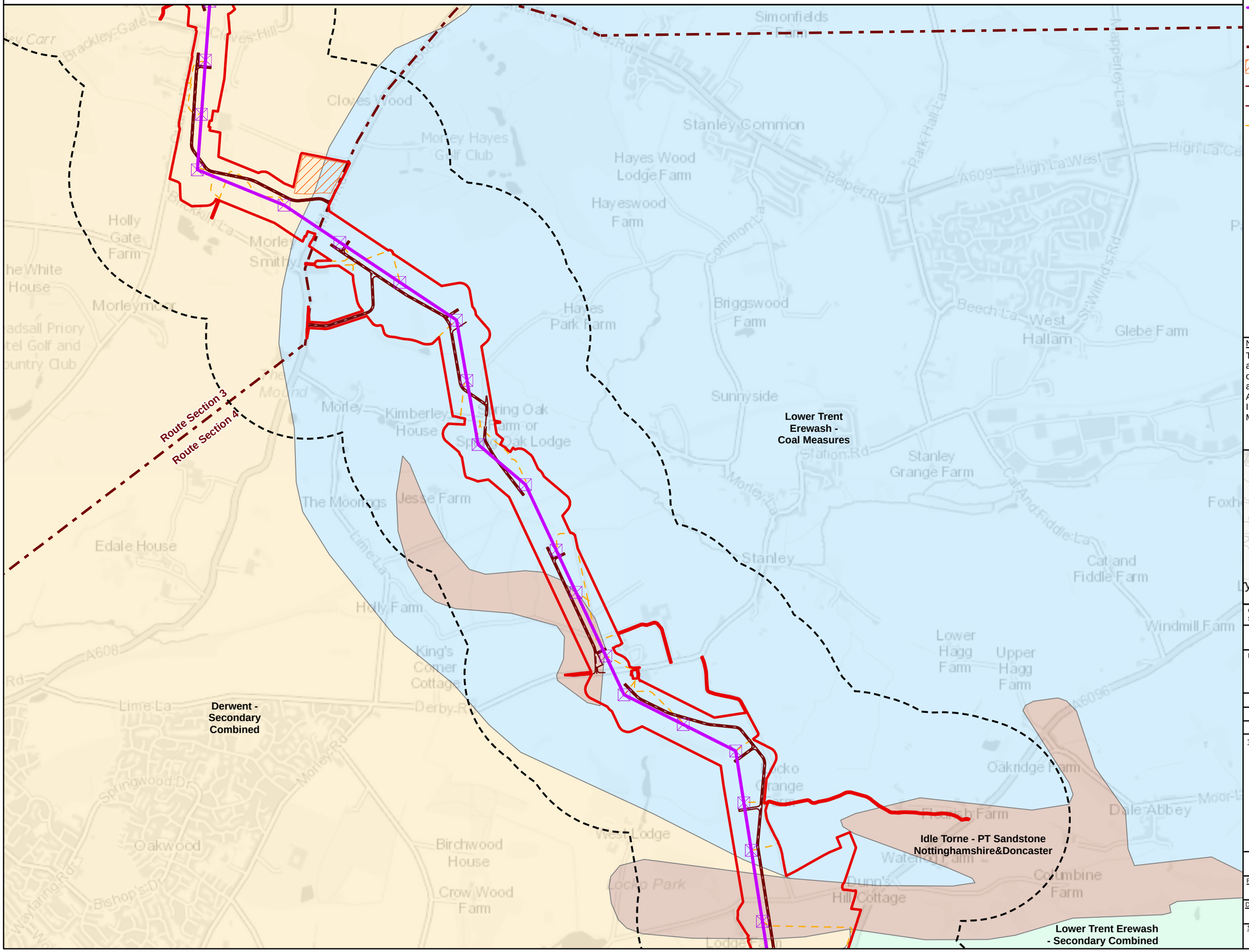
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



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- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
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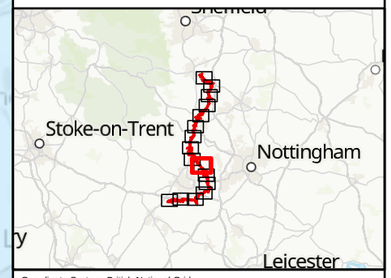

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Title

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WFD GROUNDWATER BODY CATCHMENTS

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Figure Number
Figure 9B.2

Drawing Reference
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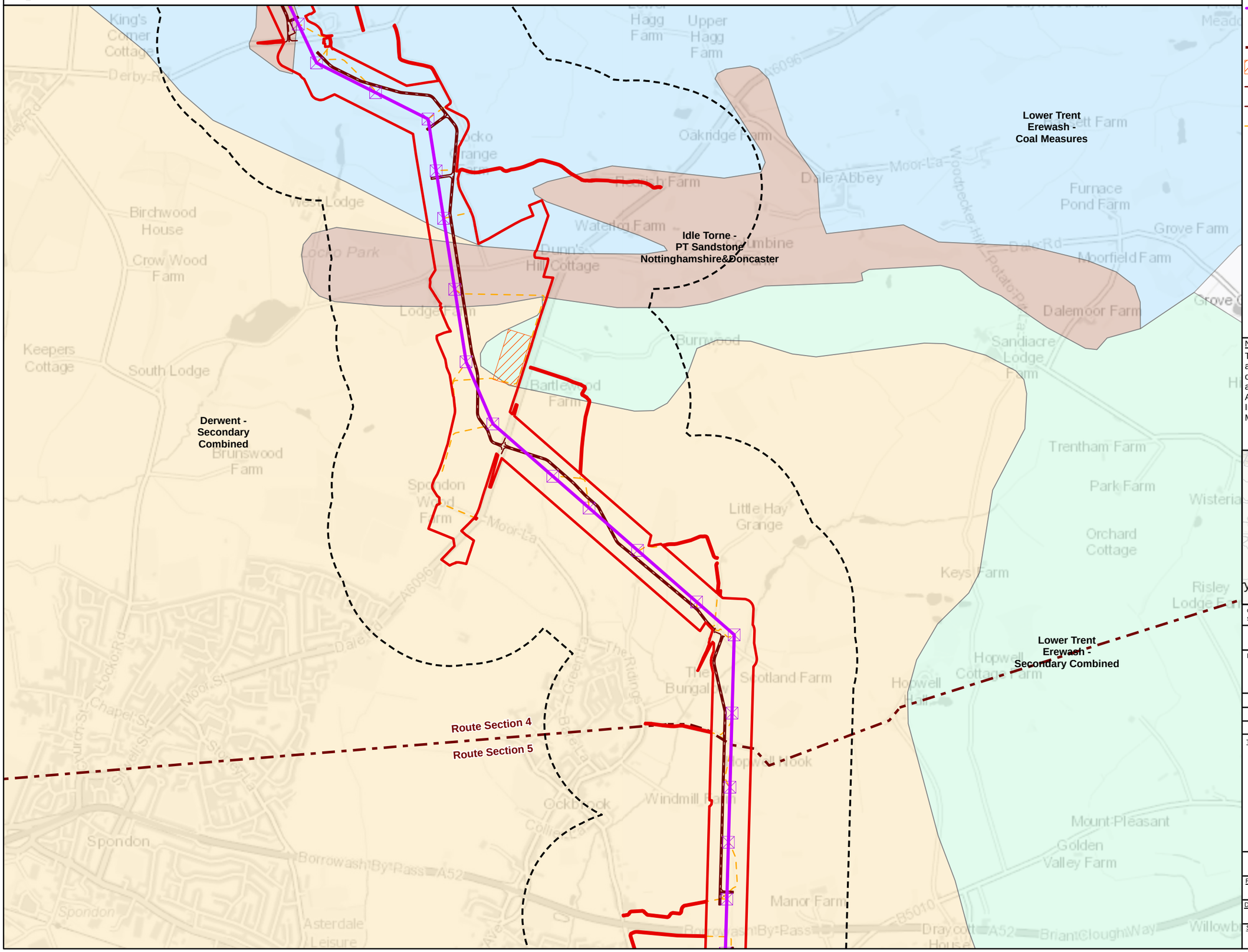
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



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- Draft Order Limits
- Indicative New Overhead Line
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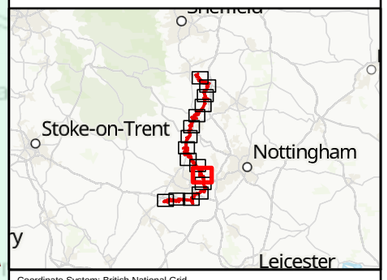

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WFD GROUNDWATER BODY CATCHMENTS

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Figure Number: Figure 9B.2

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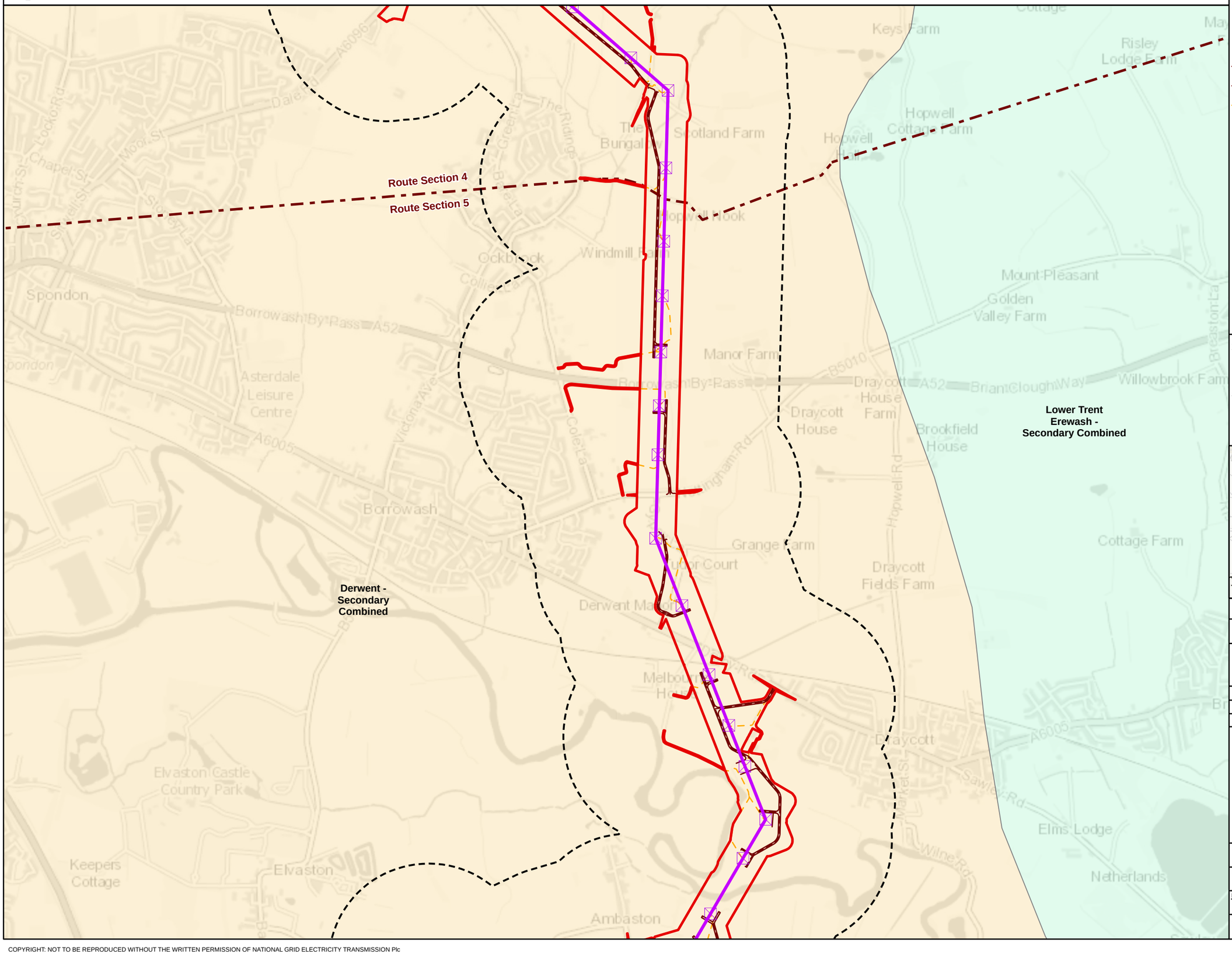
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
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- Route Section Break
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CHESTERFIELD TO WILLINGTON
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Figure Number: Figure 9B.2

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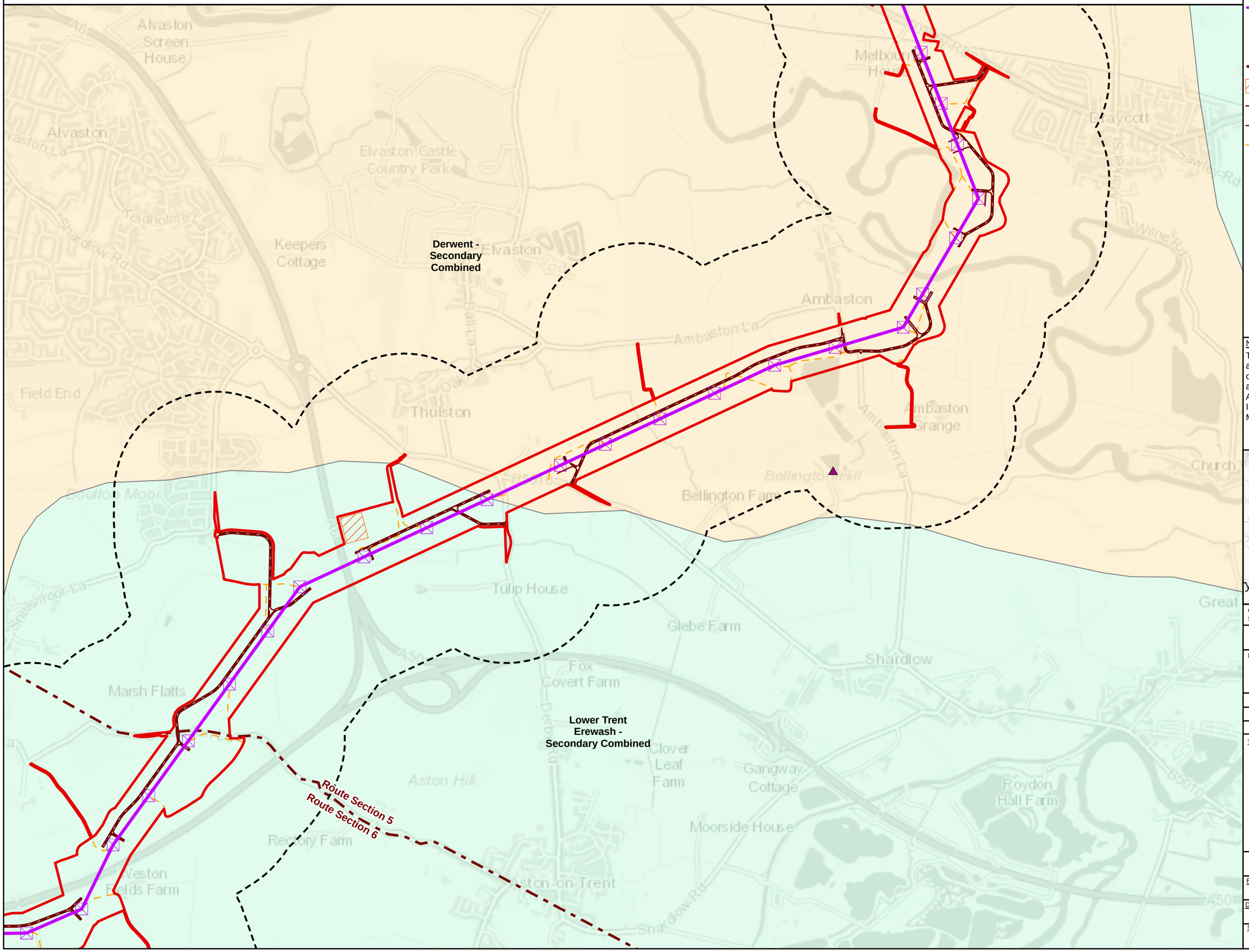
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
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- Abstraction Licence Points
- Route Section Break
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- Indicative Haulage Road Center line
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CHESTERFIELD TO WILLINGTON WFD GROUNDWATER BODY CATCHMENTS

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Figure Number: Figure 9B.2

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FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS

Derwent - Secondary Combined

Lower Trent Erewash - Secondary Combined

Soar - PT Sandstone

Route Section 5

Route Section 6

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Overhead Line 400kV
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
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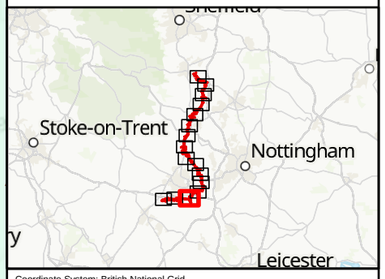

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CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY CATCHMENTS

nationalgrid

Figure Number
Figure 9B.2

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000011

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 14 OF 16	1

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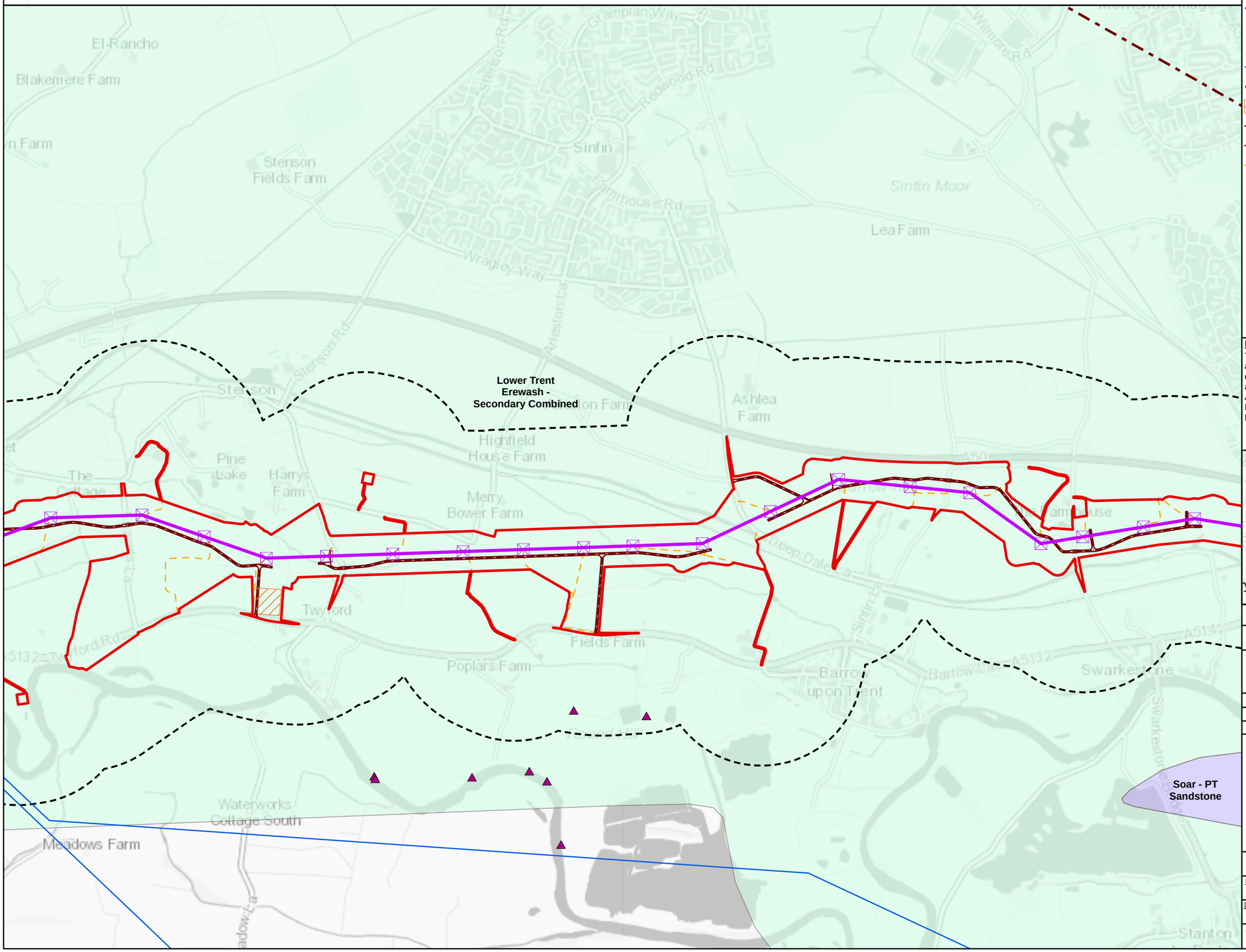
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Route Section Break
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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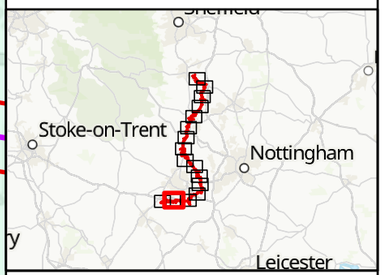

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY
CATCHMENTS

nationalgrid

Figure Number: Figure 9B.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000011

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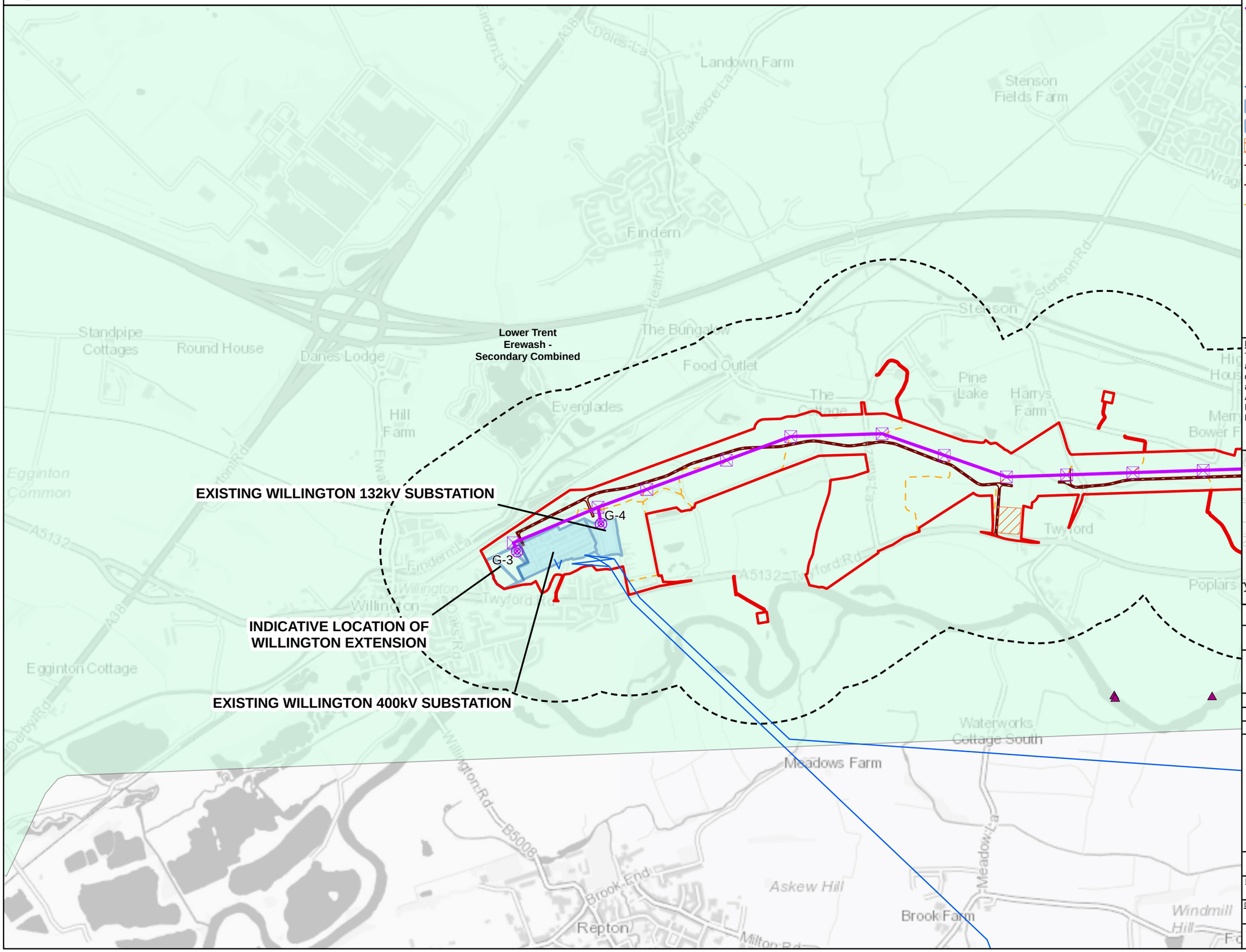
FIGURE 9B.2:
WFD GROUNDWATER BODY CATCHMENTS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Construction Compound
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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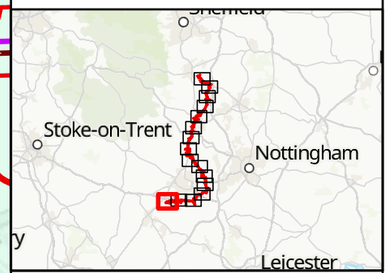

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
WFD GROUNDWATER BODY
CATCHMENTS

nationalgrid

Figure Number: Figure 9B.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000011

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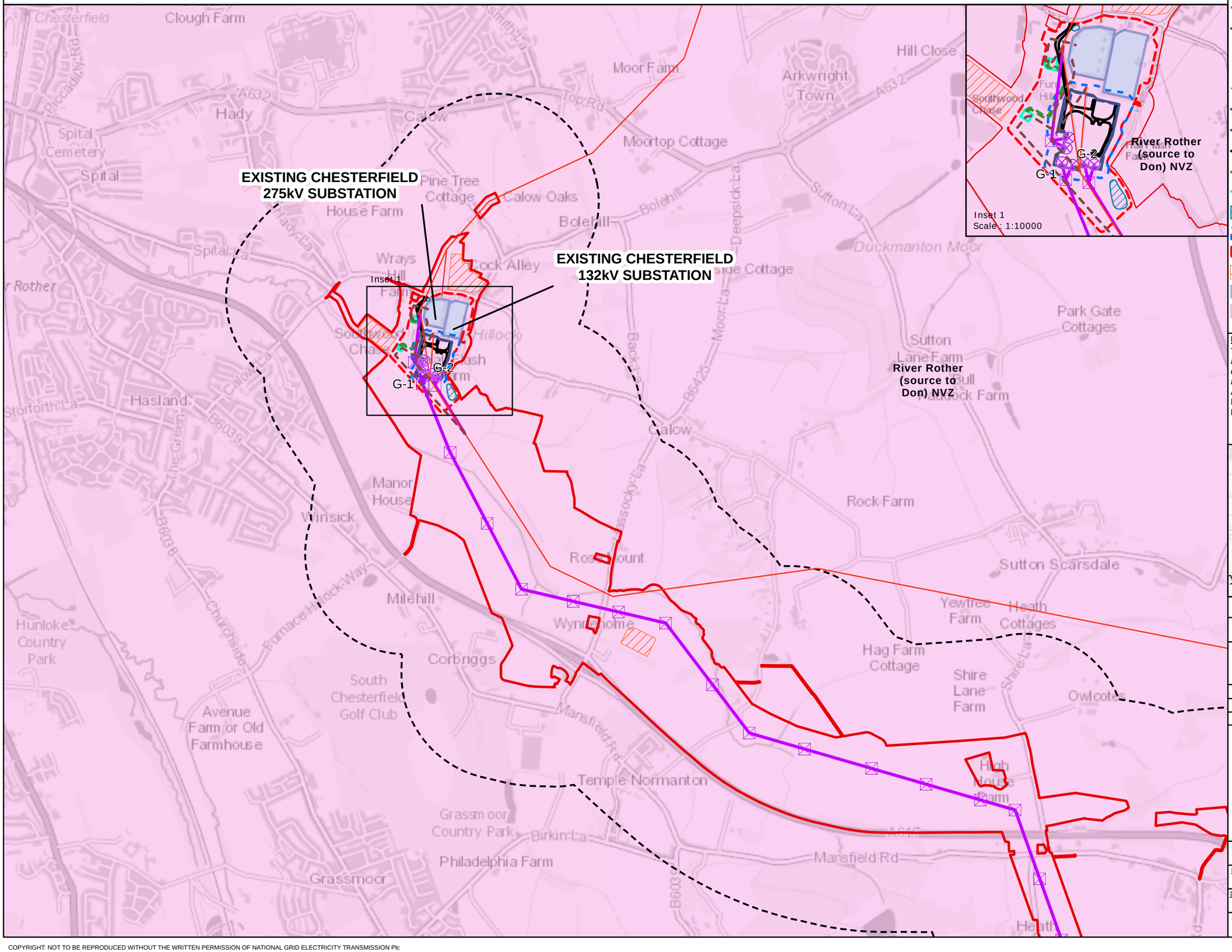
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative Temporary Overhead Line & Underground Cable
- Indicative New Gantries
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative New Chesterfield Substation Perimeter Fence
- Indicative New Chesterfield Substation Platform
- Indicative New Chesterfield Substation Permanent Access Road
- Indicative New Chesterfield Substation Haul Road
- Indicative Temporary Cable Sealing End Compounds
- Indicative new Chesterfield Substation attenuation ponds
- Indicative New Chesterfield Substation Perimeter LoD
- Indicative New Chesterfield Substation Site Boundary
- Indicative Construction Compound
- Existing Substation Site Boundary
- Nitrate Vulnerable Zones

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
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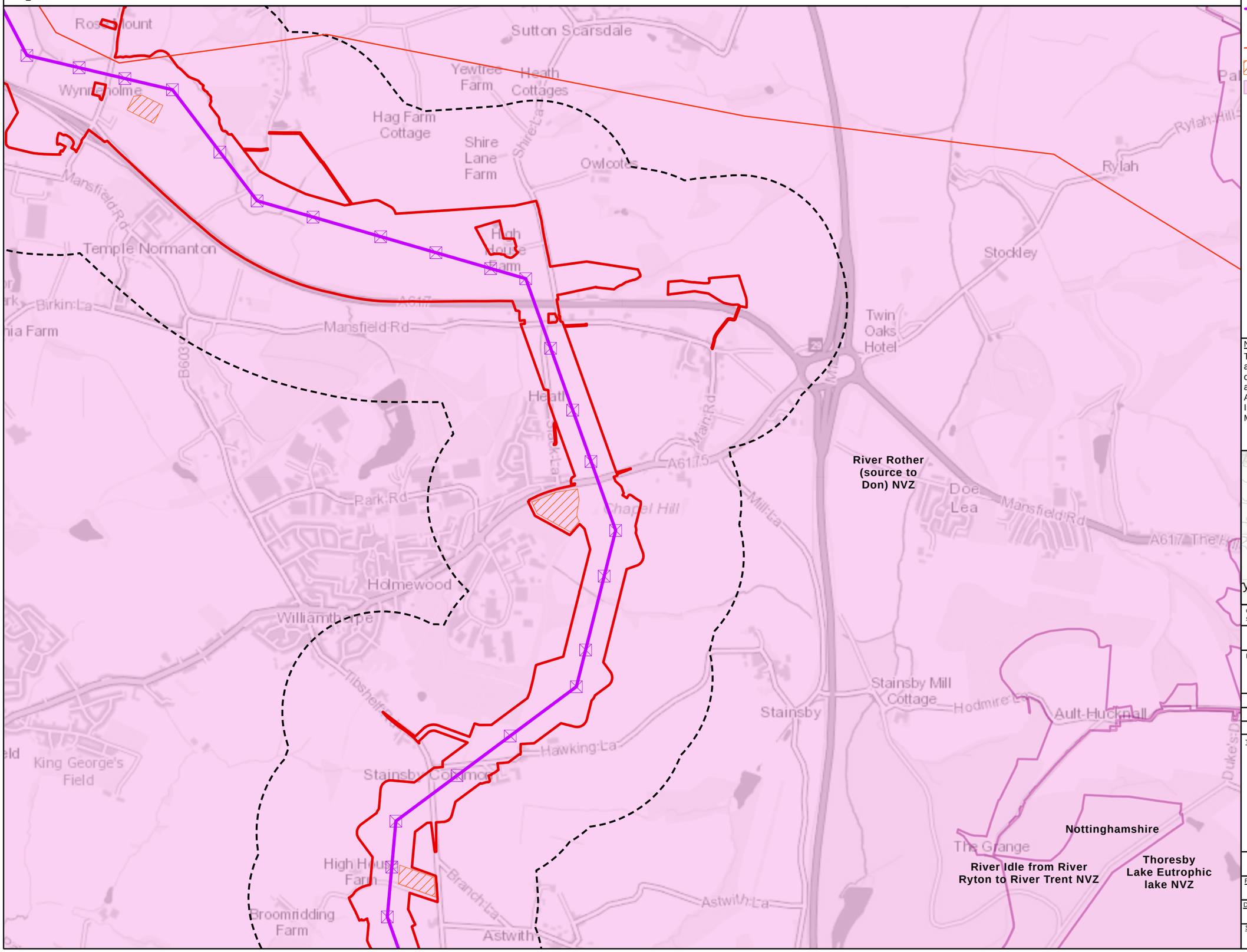
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Overhead Line 275kV
- Indicative Construction Compound
- Nitrate Vulnerable Zones

Notes

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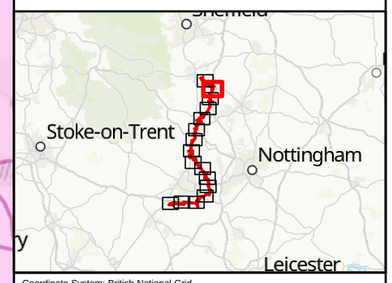

Coordinate System: British National Grid
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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

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Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
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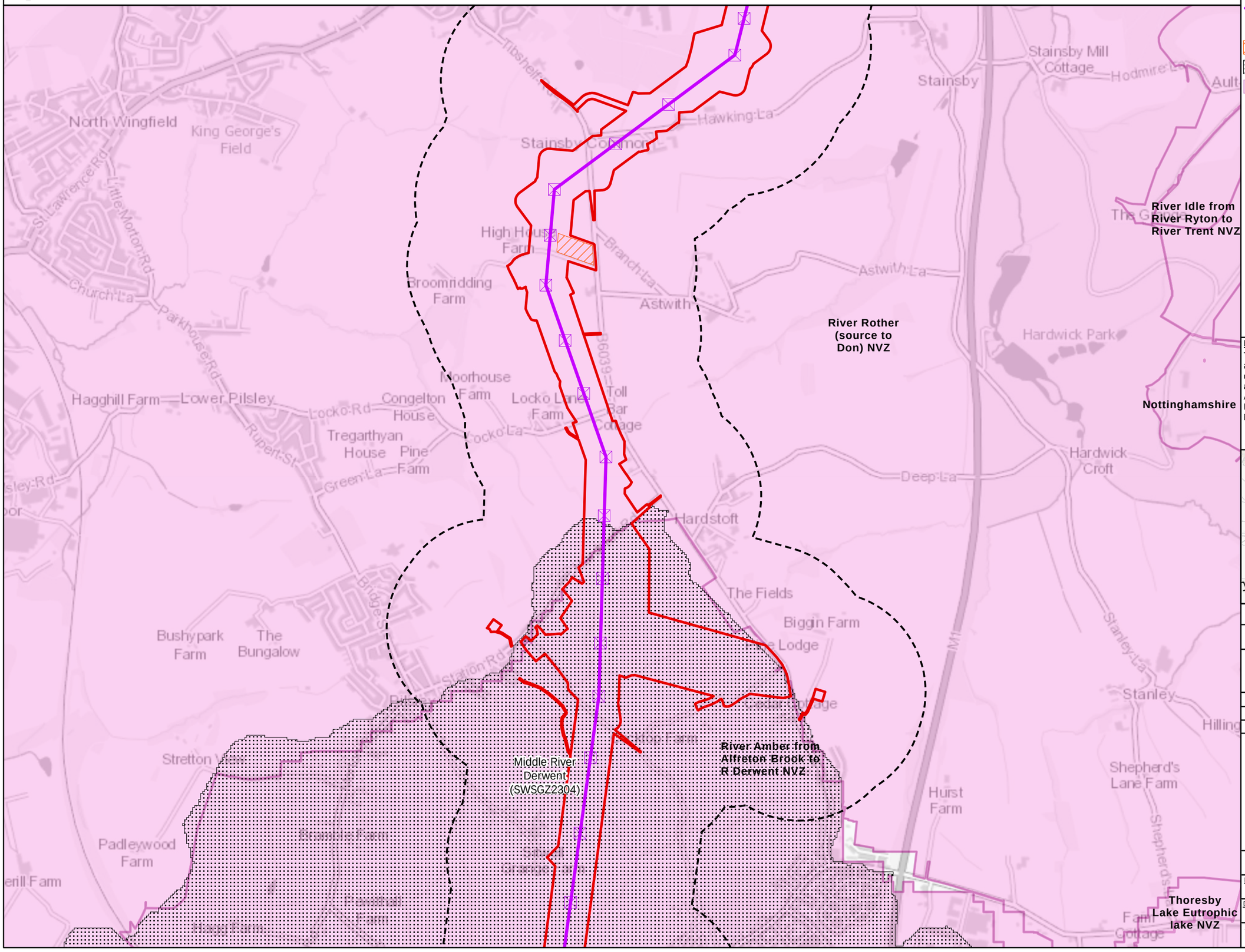
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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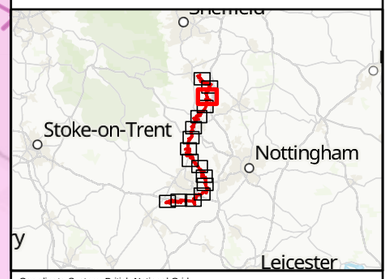

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

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Metres

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CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

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Figure Number: Figure 9B.3

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Scale	Sheet Size	Sheet	Issue
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FIGURE 9B.3:
PROTECTED AREAS

River Rother (source to Don) NVZ

River Amber from Alfreton Brook to R Derwent NVZ

River Idle from River Ryton to River Trent NVZ

Middle River Derwent (SWSGZ2304)

Route Section 1

Route Section 2

Stretton Hall

Padleywood Farm

Averill Farm

Hurst Farm

Whitebridge Farm

Bungalow

Station Rd

Rd

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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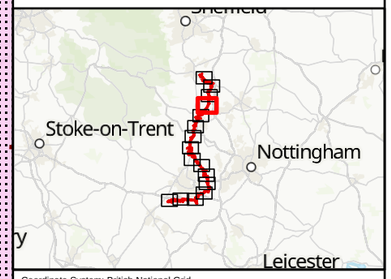

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Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

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Metres

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CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

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Figure Number
Figure 9B.3

Drawing Reference
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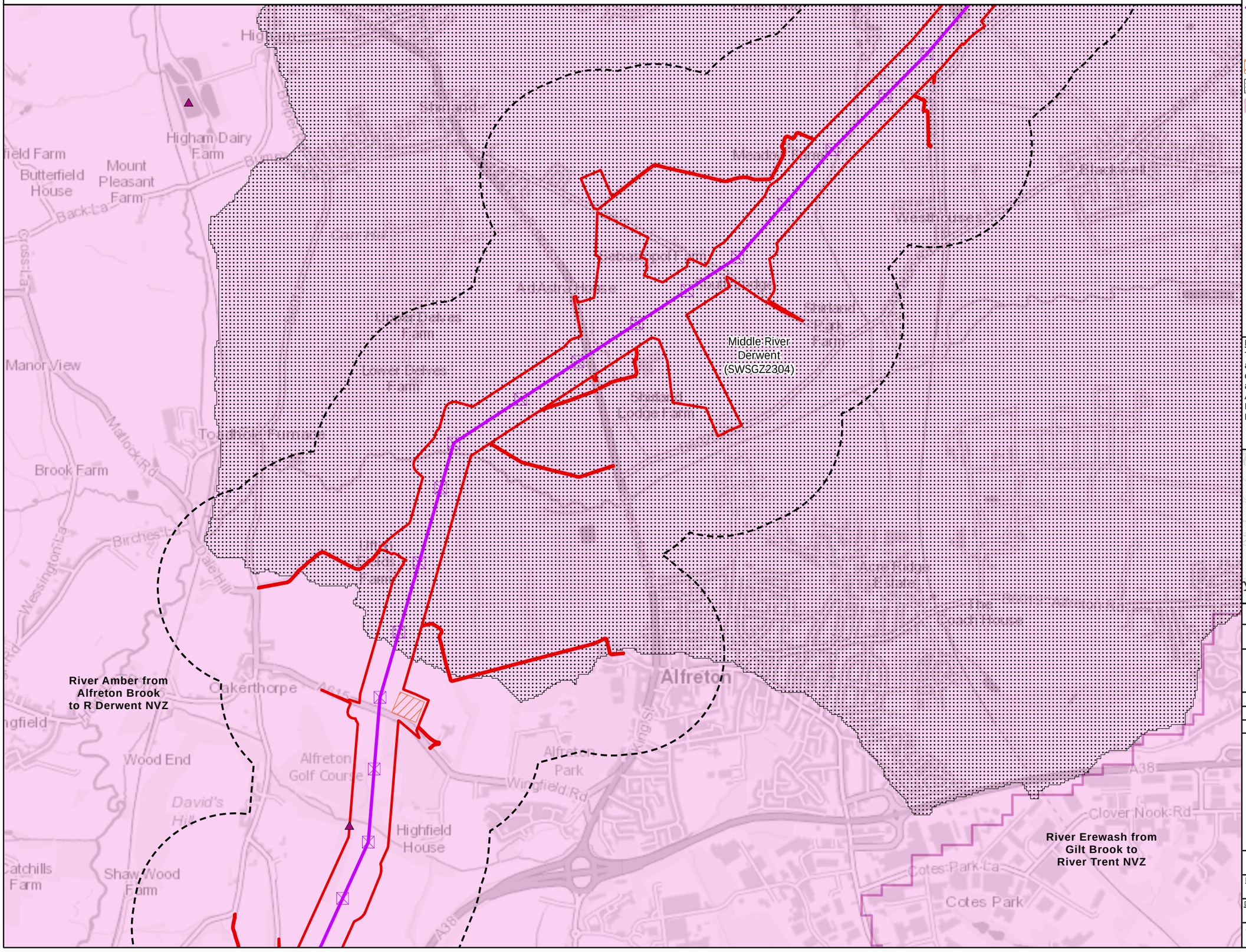
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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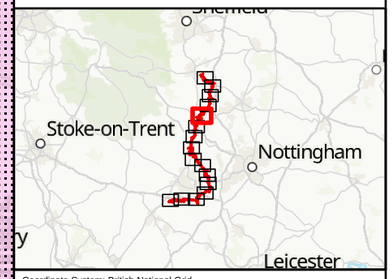

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

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CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number: Figure 9B.3

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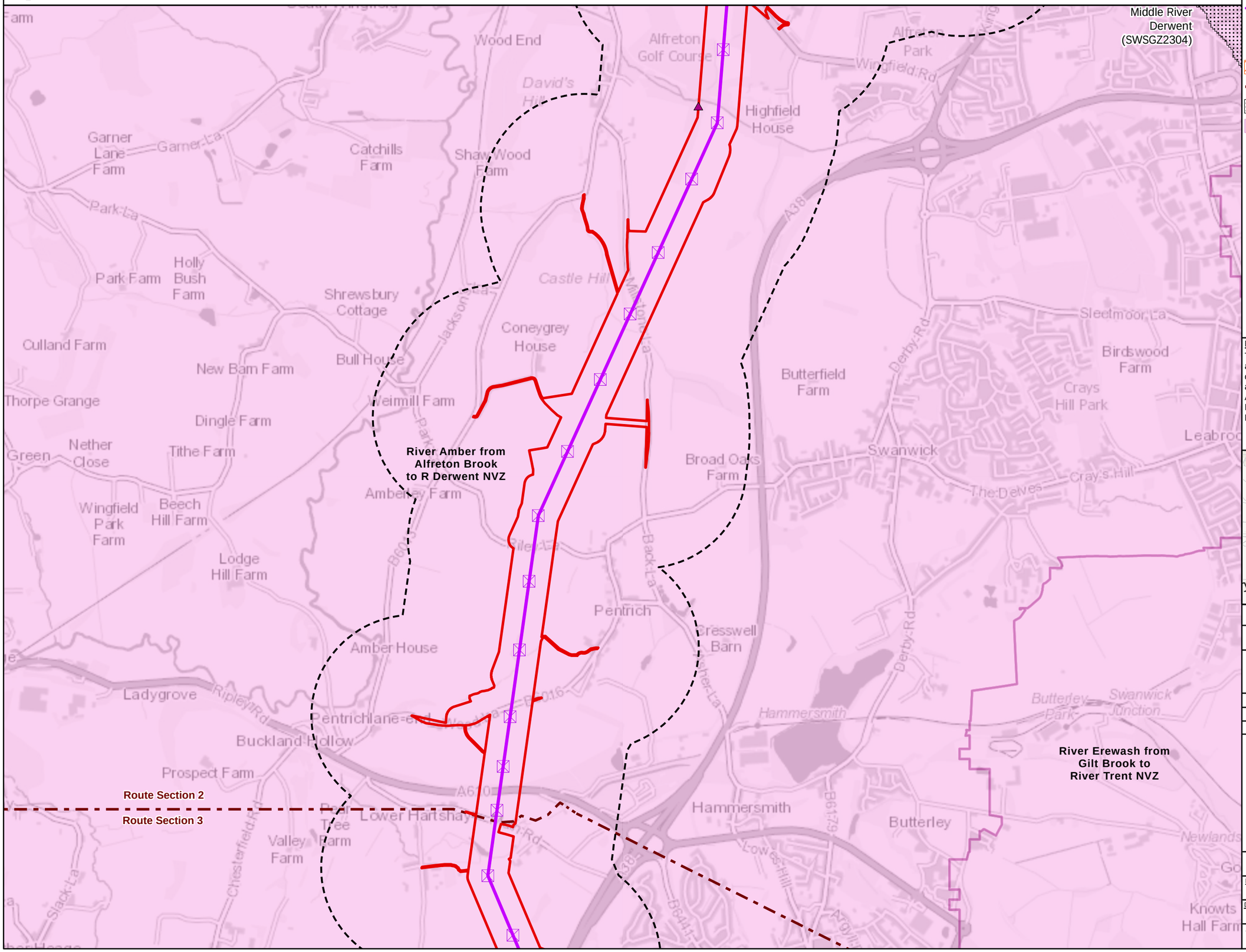
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

0 200 400 800 Metres

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PROTECTED AREAS

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Figure Number
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Drawing Reference
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FIGURE 9B.3:
PROTECTED AREAS

Route Section 2
Route Section 3

River Amber from Alfreton Brook to R Derwent NVZ

Middle River Derwent (SWSGZ2304)

Bottle Brook catchment (trib of R Derwent) NVZ

River Erewash from Gilt Brook to River Trent NVZ

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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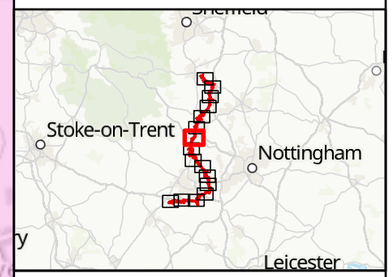

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

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Figure Number: Figure 9B.3

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FIGURE 9B.3:
PROTECTED AREAS

Middle River Derwent (SWSGZ2304)

Bottle Brook catchment (trib of R Derwent) NVZ

Street Lane
High Bank
Park Hall
Lamp House
Bloomsbury House
Denby Bottles
Ticknall Hill
Denby Village
Highwood Farm
Killis Farm
Cinderhill
Highwood Cottages
Rawson Green
Lockwood Farm
Lockwood Cottage
Kilburn
Chapel St
Crowtrees
Rosy Lee Farm
Carr Farm
Crab House
Hirst Farm
Holbrook
Lower Kilburn
Horsley Woodhouse
Horsley View
Horsley
Linkwood Farm
Horsley Lodge
Derby Rd
Woodhouse Rd
Main St
Pond Rd
Moorside
Rykneld Rd
A38
A609
Church St
Wood La

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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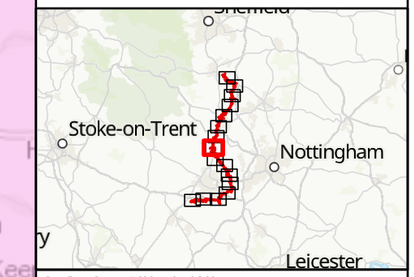

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0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number
Figure 9B.3

Drawing Reference
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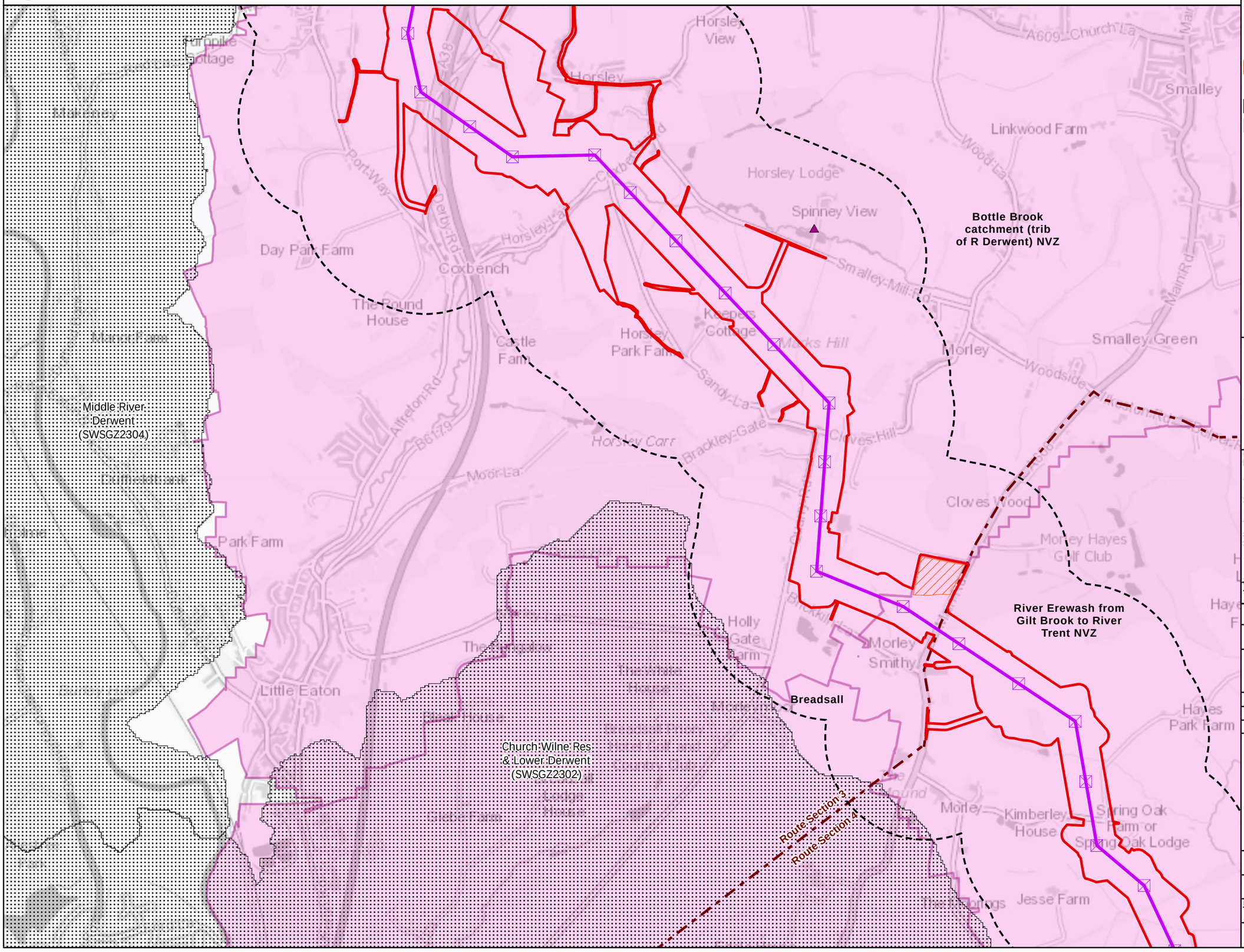
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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Coordinate System: British National Grid
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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

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Figure Number: Figure 9B.3

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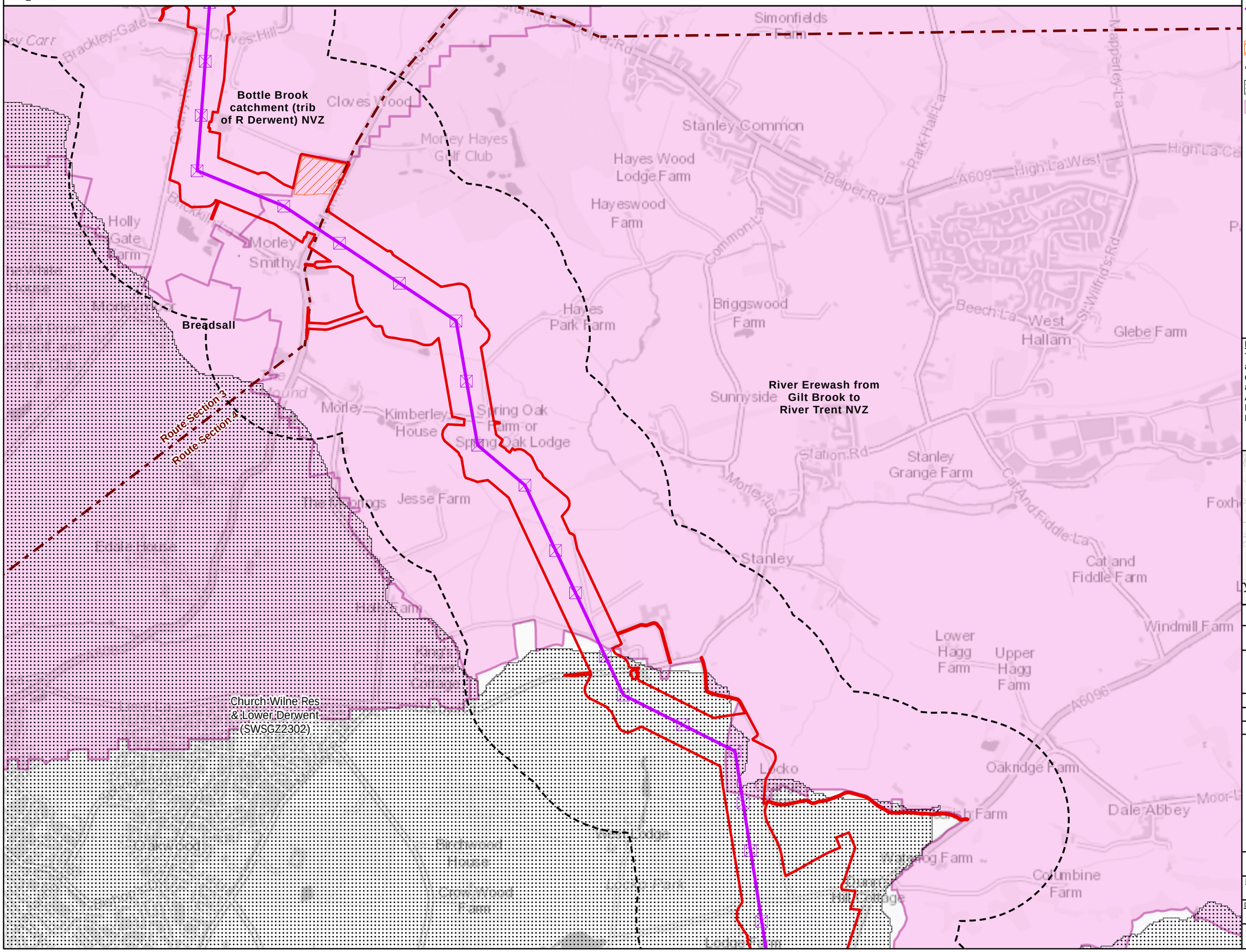
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
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- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 200 400 800
Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 10 OF 16	1

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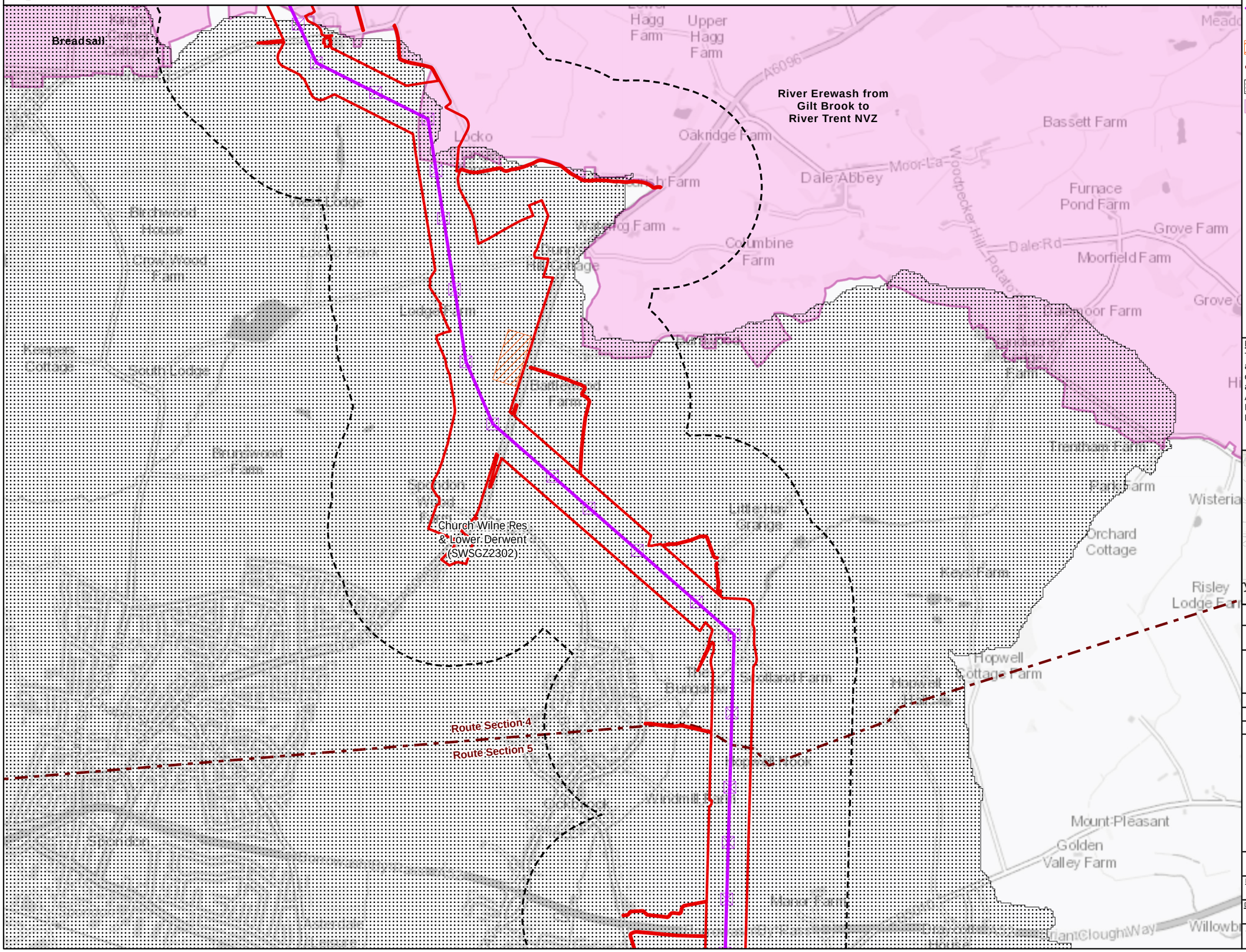
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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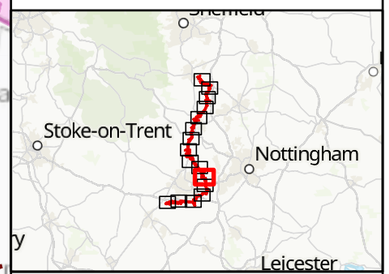

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442538E
Sheet Y Centroid Coordinate: 337359.31N

0 200 400 800 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 11 OF 16	1

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FIGURE 9B.3:
PROTECTED AREAS

Route Section 4
Route Section 5

Church Wilne Res & Lower Derwent (SWSGZ2302)

River Trent from River Soar to Carlton-on-Trent NVZ

Risley
Lodge Farm
Hopwell
Cottage Farm
Mount Pleasant
Golden
Valley Farm
Willowbrook Farm
Cottage Farm
Elms Lodge
Netherlands

Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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Stoke-on-Trent
Nottingham
Leicester

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
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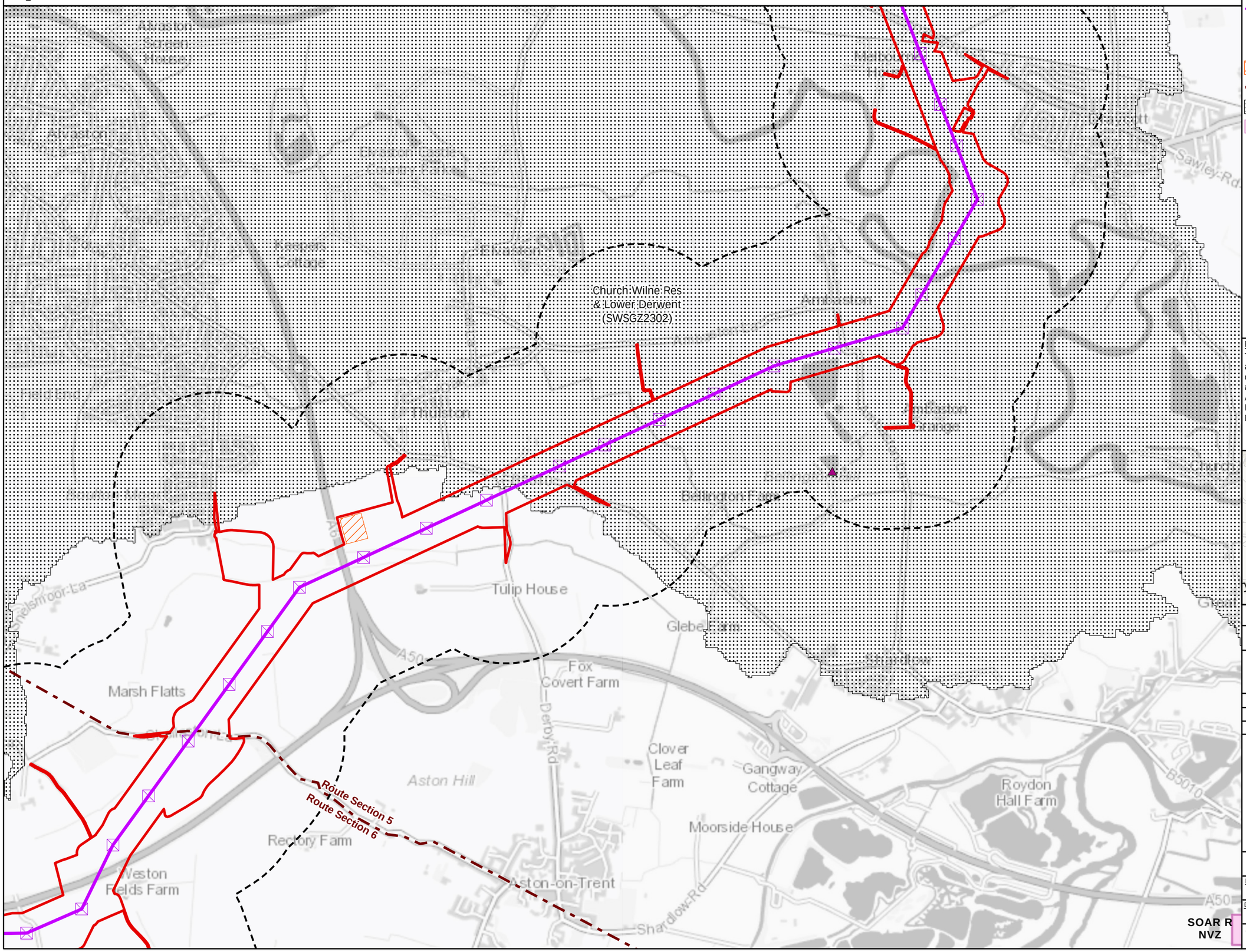
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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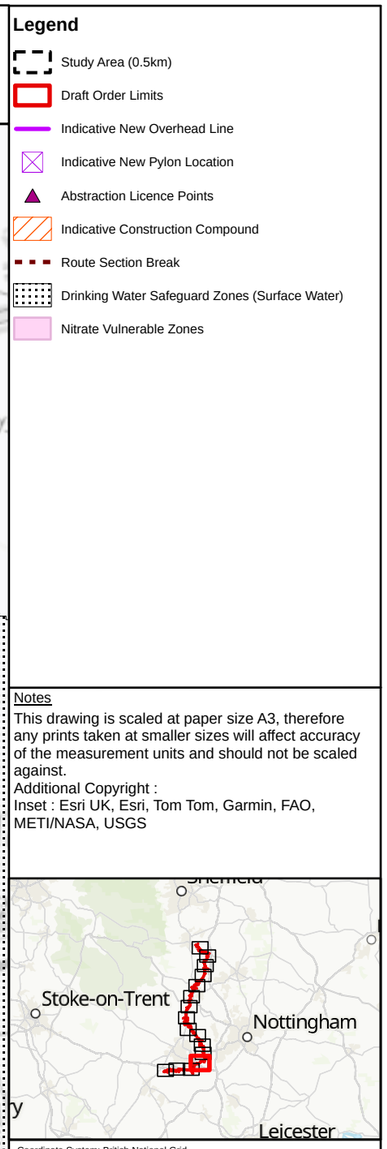

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.3	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012		
Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 13 OF 16	1

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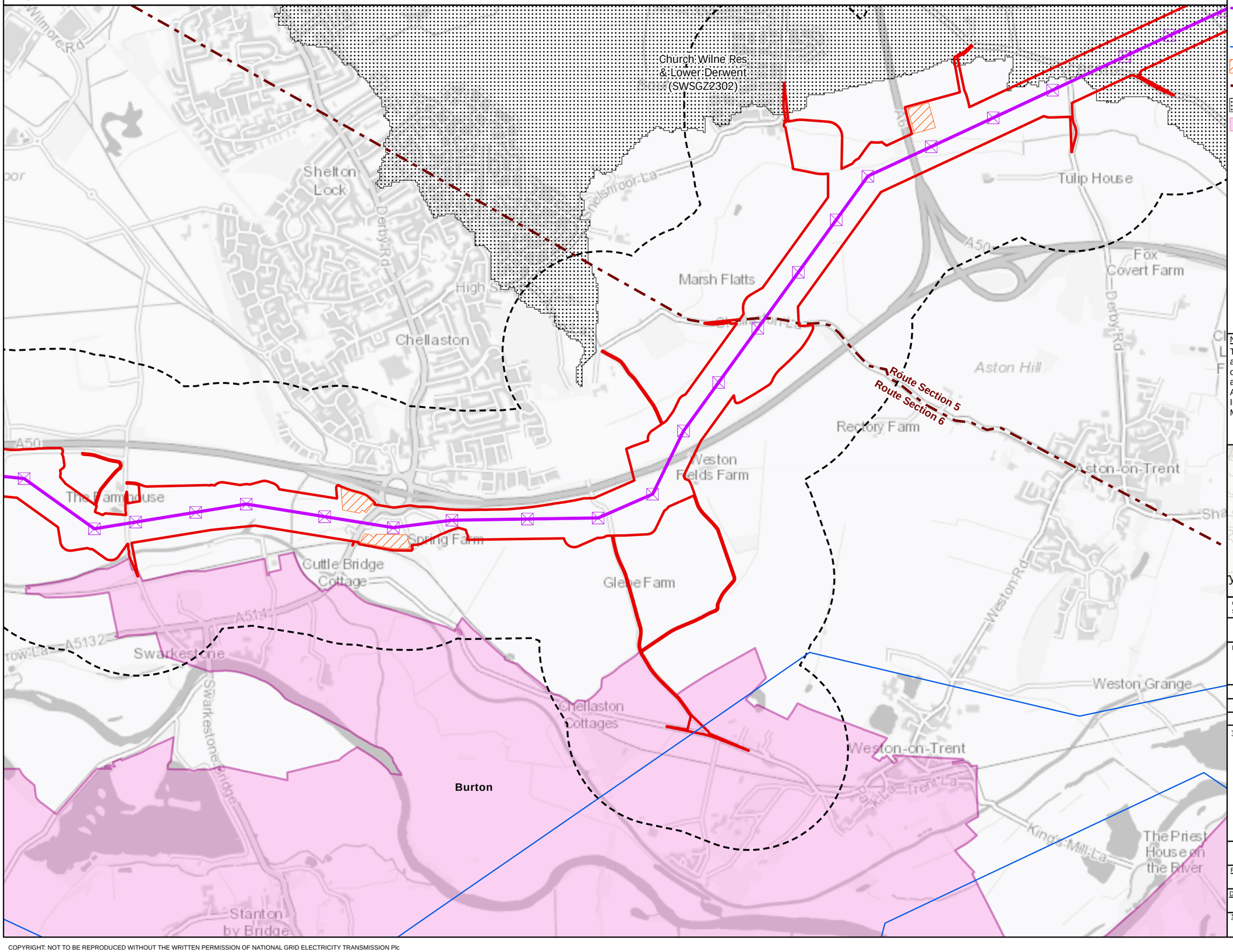
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Overhead Line 400kV
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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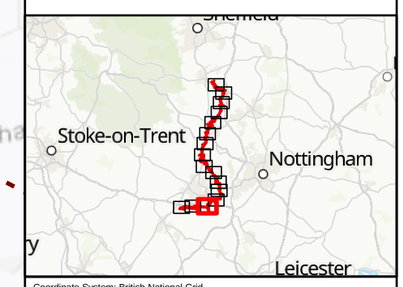

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
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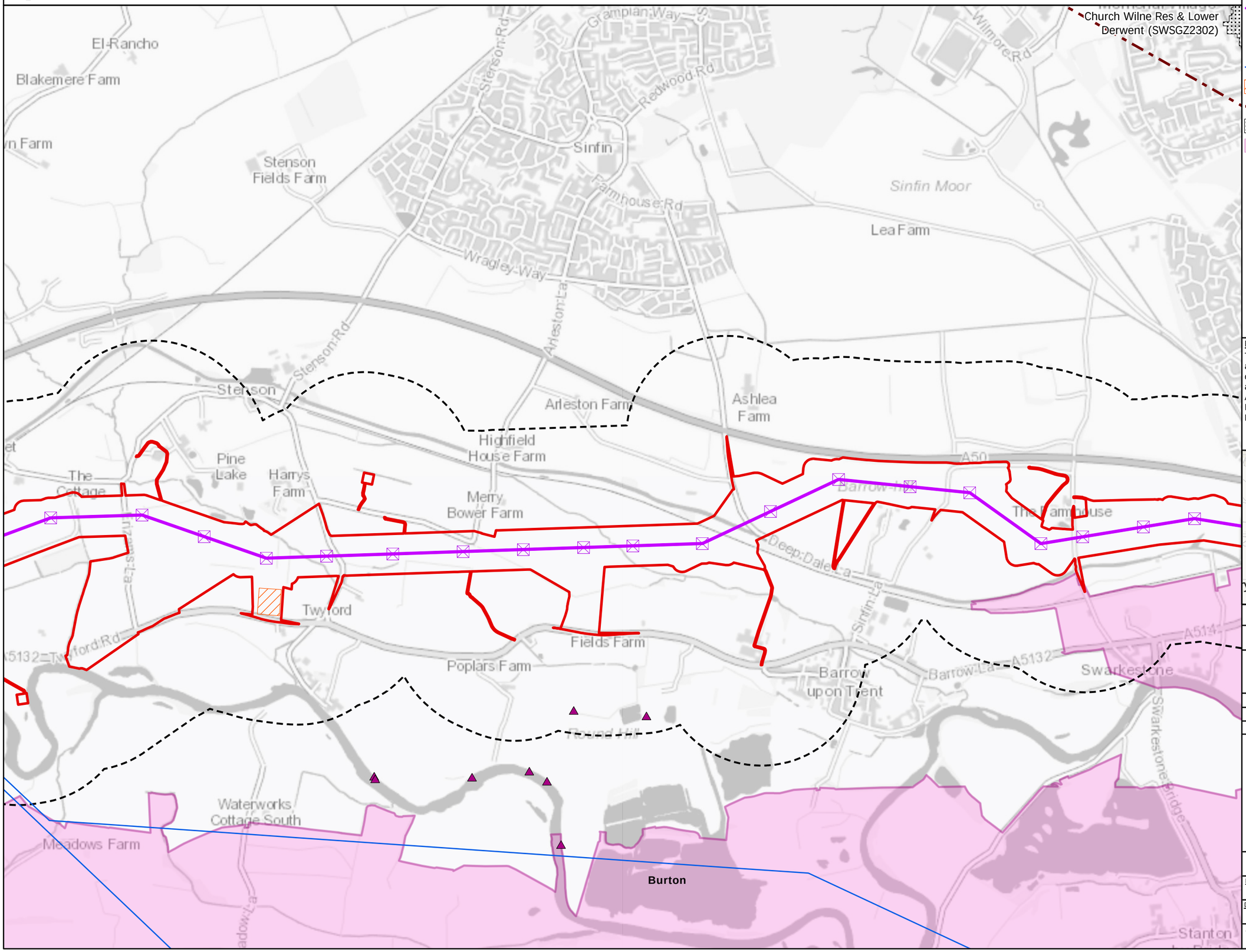
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Indicative Construction Compound
- Route Section Break
- Drinking Water Safeguard Zones (Surface Water)
- Nitrate Vulnerable Zones

Notes

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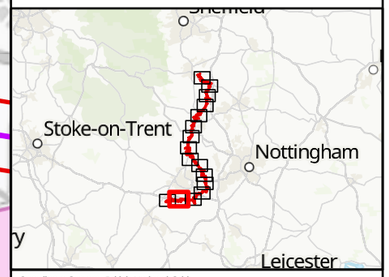

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
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nationalgrid

Figure Number: Figure 9B.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012

Scale	Sheet Size	Sheet	Issue
1:18,000	A3	SHEET 15 OF 16	1

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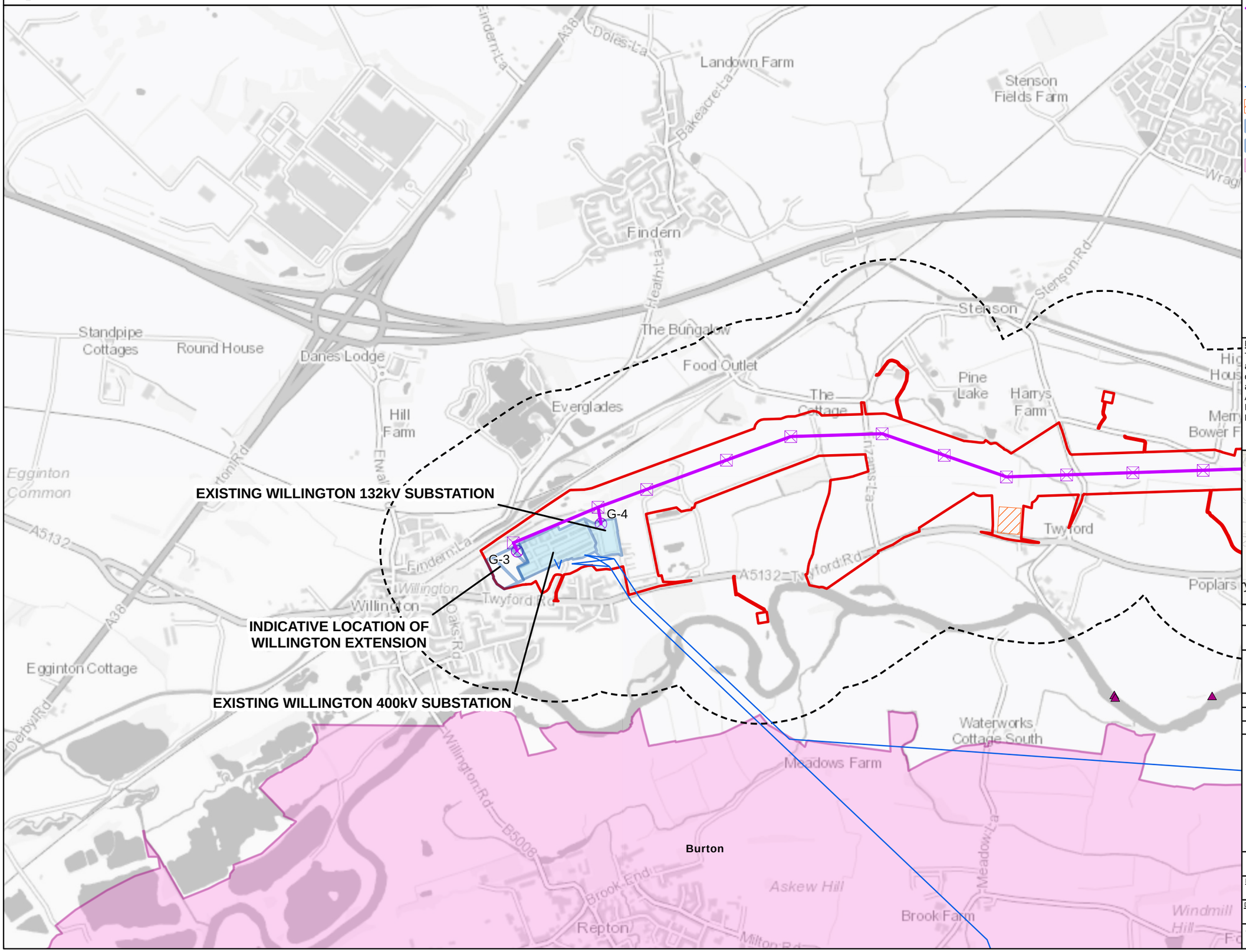
FIGURE 9B.3:
PROTECTED AREAS



Legend

- Study Area (0.5km)
- Draft Order Limits
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Abstraction Licence Points
- Overhead Line 400kV
- Indicative Construction Compound
- Existing Substation Site Boundary
- Willington Substation Extension
- Nitrate Vulnerable Zones

Notes

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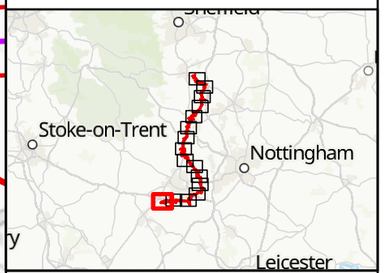

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
PROTECTED AREAS

nationalgrid

Figure Number	Drawing Reference		
Figure 9B.3	EDN2-WSP-CONS-ZZZZZZ-DRW-EC-000012		
Scale	**Sheet Size**	**Sheet**	**Issue**
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