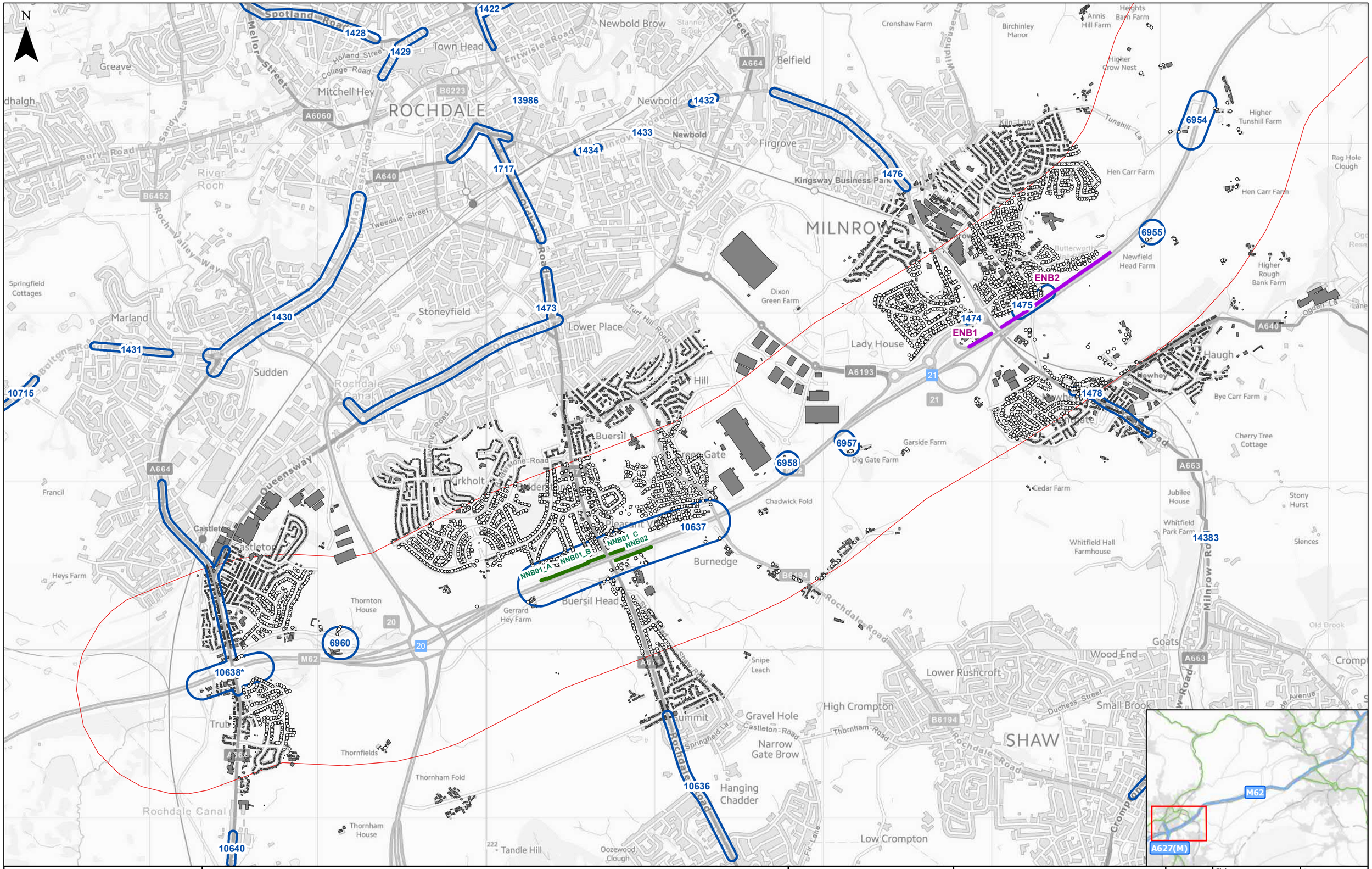
8. Noise and Vibration Figures



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Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Proposed Noise Barriers (Subject to Additional Resources Being Secured)
- NIAs
- Buildings
- Noise Calculation Area

Client: highways england

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title:
FIGURE 8.1
NOISE CONSTRAINTS PLAN
MAP 1 OF 5

Status	Second Issue	Revision P02
Scale	1:20,000	Date 14/08/019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00014

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N

Caldermoor
LITTLEBOROUGH
Littleborough
Durn
Ealees
Owlet Hall
Shore Lane Brook
Ealees Brook
Owlett Mews
Shore Lane Farm
Cleggswood Hill
Canal Drain
The Farm House
Whittaker Spout Gutter
Clegg Moor
Whittaker Moor
Lydgate Clough
Lydgate
Bar House
Red Brook
Blackstone Edge Fold
Blackstone Edge
Broad Head Drain
Redmires Clough
Thief Clough
Hasket Hill Clough
Green Withens Clough
Green Withens Reservoir
Wolden Edge Clough
Lodge Clough
Spa Clough Cottage
Slippery Moss
Lads Grave Clough
Broad Shaw Flat
Stubley
Dearnley
River Roch
Rochdale Canal
Hollingworth Road
Smithy Bridge
Smithy Bridge Hollingworth
Lake Bank
Hollingworth Lake Country Park
Bear Hill House
Brearley
Sheep Bank
Syke
Higher Fold
Rakewood Road
Rakewood
Little Clegg
B6225
Westwood House
Bib Knowl
Bib Knowl Farm
Round House
Dickey Steps
Bridgewater House
Lower Booth Hollins Farm
Longden End Brook
Longden End Clough
Windy Hill
Low House Moor
Longden End Moor
New Nook
M62
Castle Shore Clough
Linsgreave Clough
Green Meadows
Moss Moor or Way Stone Edge
Chamber Clough
Dry Clough
Wicken Clough
Piethorne Clough
Ashworth Clough
Griffiths Clough
Bleakedgate Moor
Nicholas Pike
White Hill
Norman Hill Reservoir
Birchinley Manor
Annis Hill Farm
Heights Barn Farm
Higher Crow Nest
Wildhouse Lane
Kiln Lane
Tunshill La
Higher Tunshill Farm
Hen Carr Farm
Rag Hole Clough
Kitcliffe Farm
Kitcliffe Reservoir
Piethorne Reservoir
Cold Greave Clough
Culvert Clough
Great Whinning Gulf
Middle Clough
Great Clough
Ogden Reservoir
Spring Mill
Newfield Head Farm
Higher Rough Bank Farm
Lower Ogden
Lane Bottom
Higher Ogden
Ogden La
Readycon Dean Reservoir
Readycon Dean Brook
Denshaw
A58
A672
A640
22
1422
6953
14088
6954
6955
ENB2
1475
1474

0 500 1,000
Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Proposed Noise Barriers (Subject to Additional Resources Being Secured)
- NIAs
- Buildings
- Noise Calculation Area

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title: **FIGURE 8.1**
NOISE CONSTRAINTS PLAN
MAP 2 OF 5

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00014

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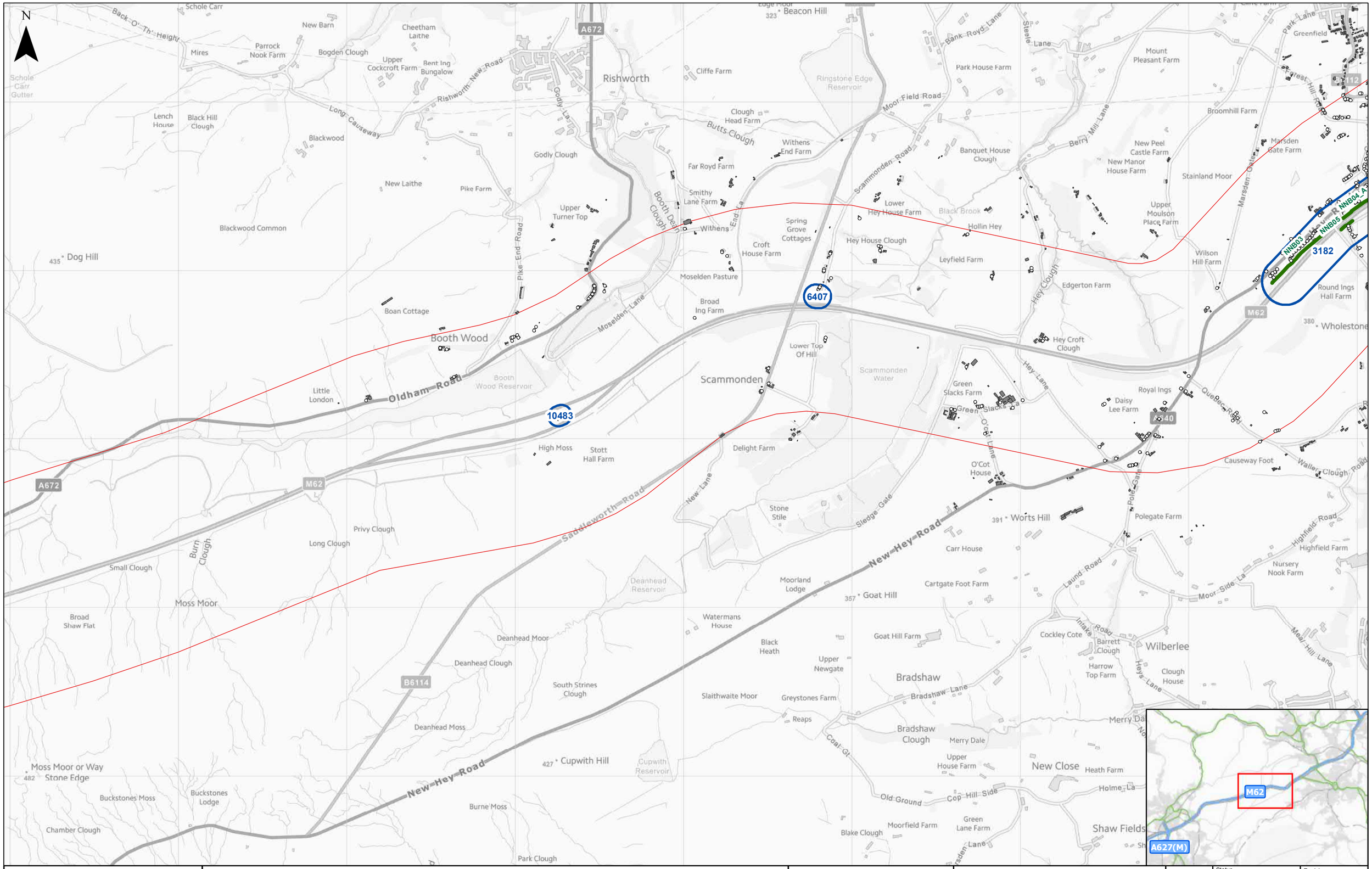

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Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Proposed Noise Barriers (Subject to Additional Resources Being Secured)
- NIAs
- Buildings
- Noise Calculation Area

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title: **FIGURE 8.1**
NOISE CONSTRAINTS PLAN
MAP 3 OF 5

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00014

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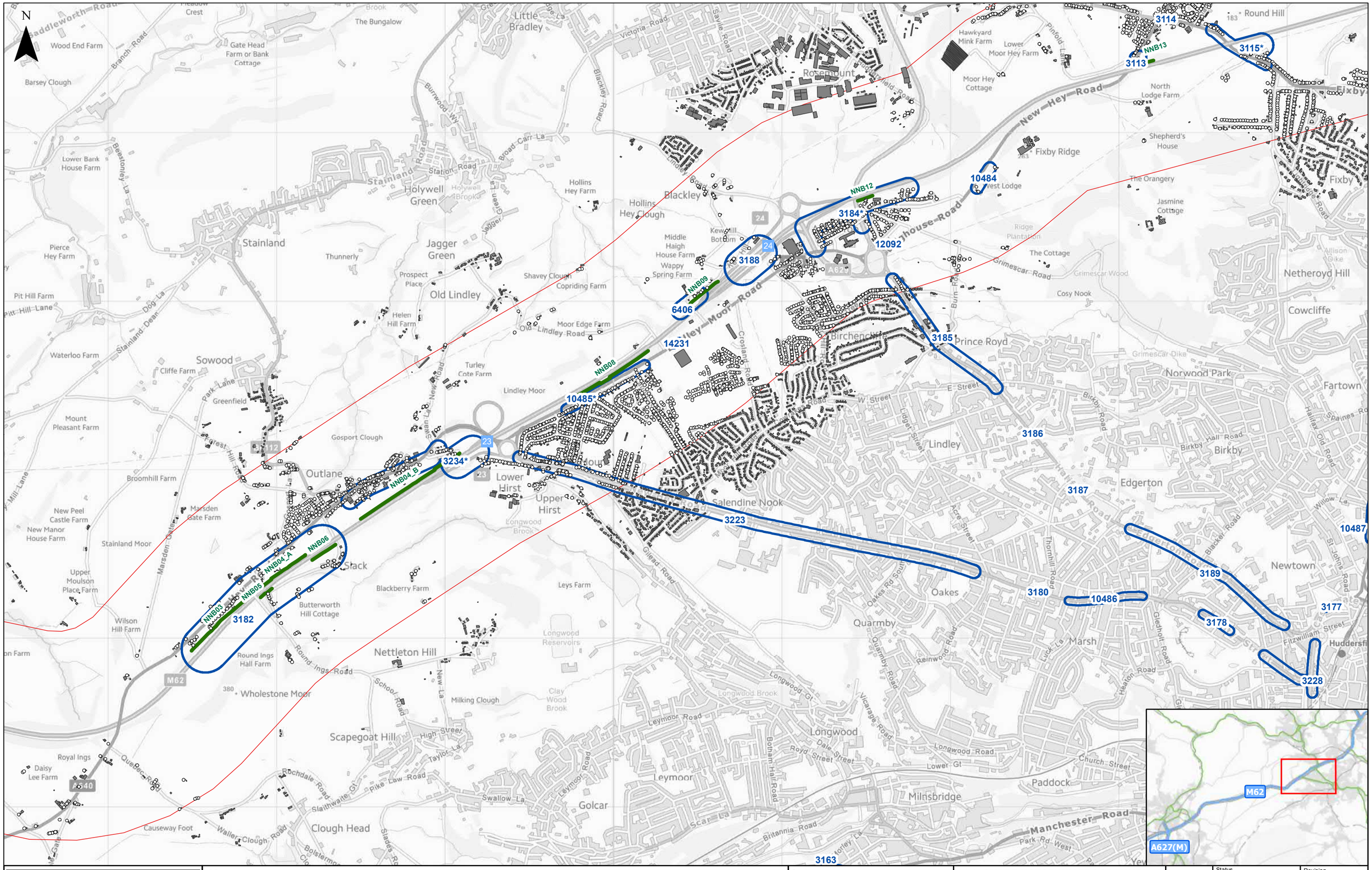

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

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- NIAs
- Buildings
- Noise Calculation Area

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title:
FIGURE 8.1
NOISE CONSTRAINTS PLAN
MAP 4 OF 5

Status	Second Issue	Revision P02
Scale	1:20,000	Date 14/08/2019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00014

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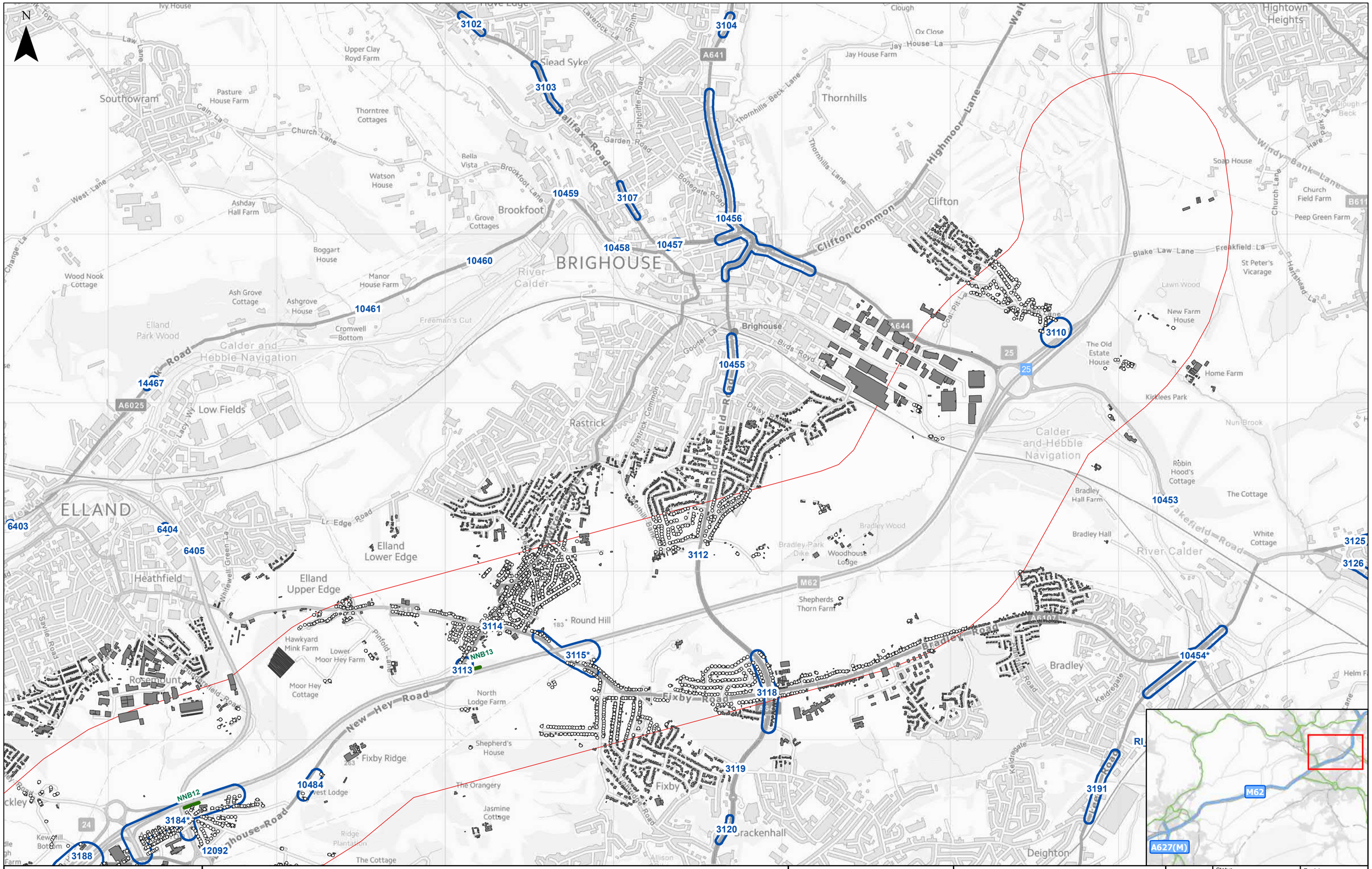

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Proposed Noise Barriers (Subject to Additional Resources Being Secured)
- NIAs
- Buildings
- Noise Calculation Area

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title:
FIGURE 8.1
NOISE CONSTRAINTS PLAN
MAP 5 OF 5

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00014

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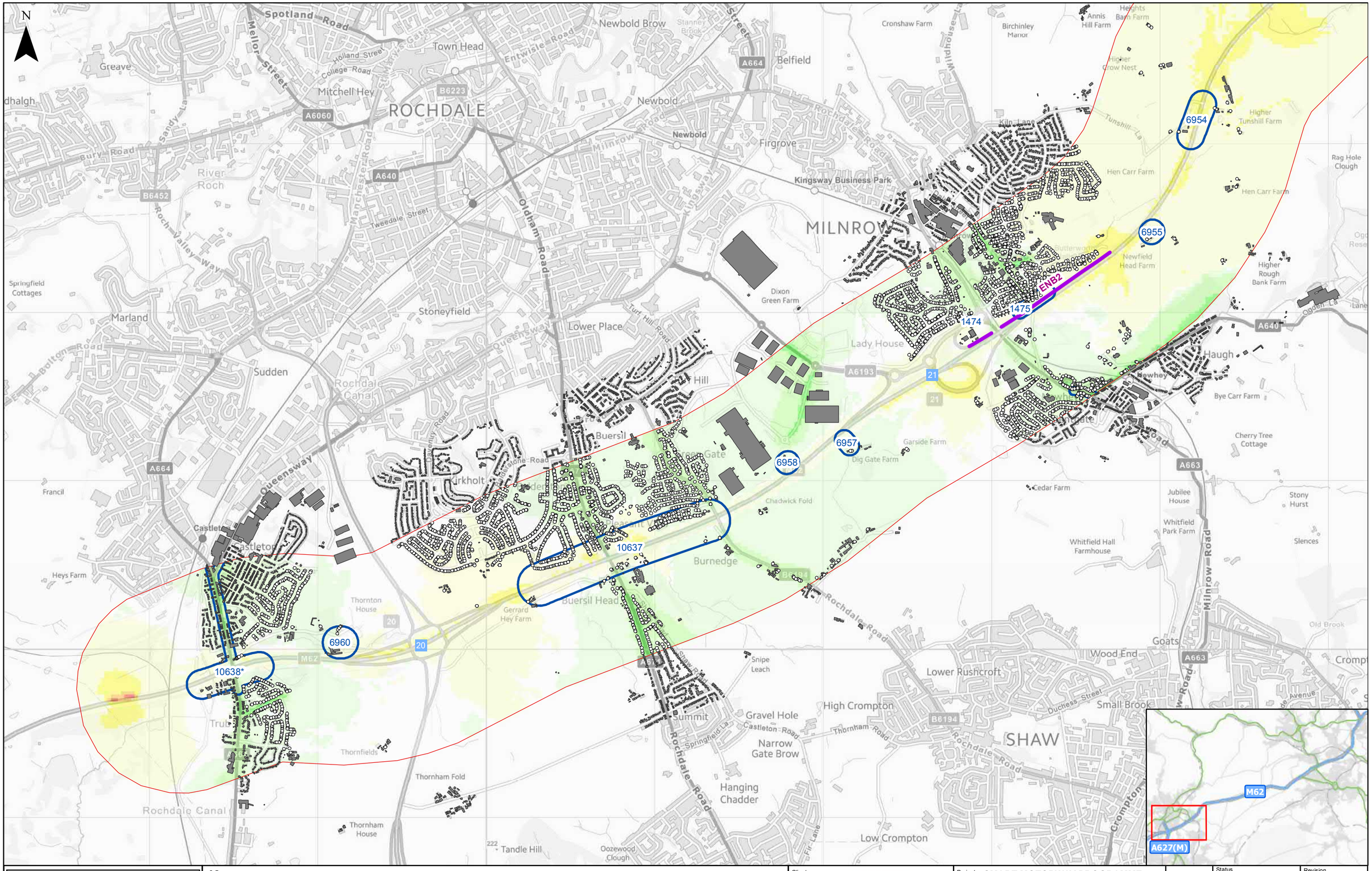

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2024 vs DM2024 Daytime Short-term Change, dB $L_{A10,18h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.2 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 DAY-TIME MAP 1 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00015

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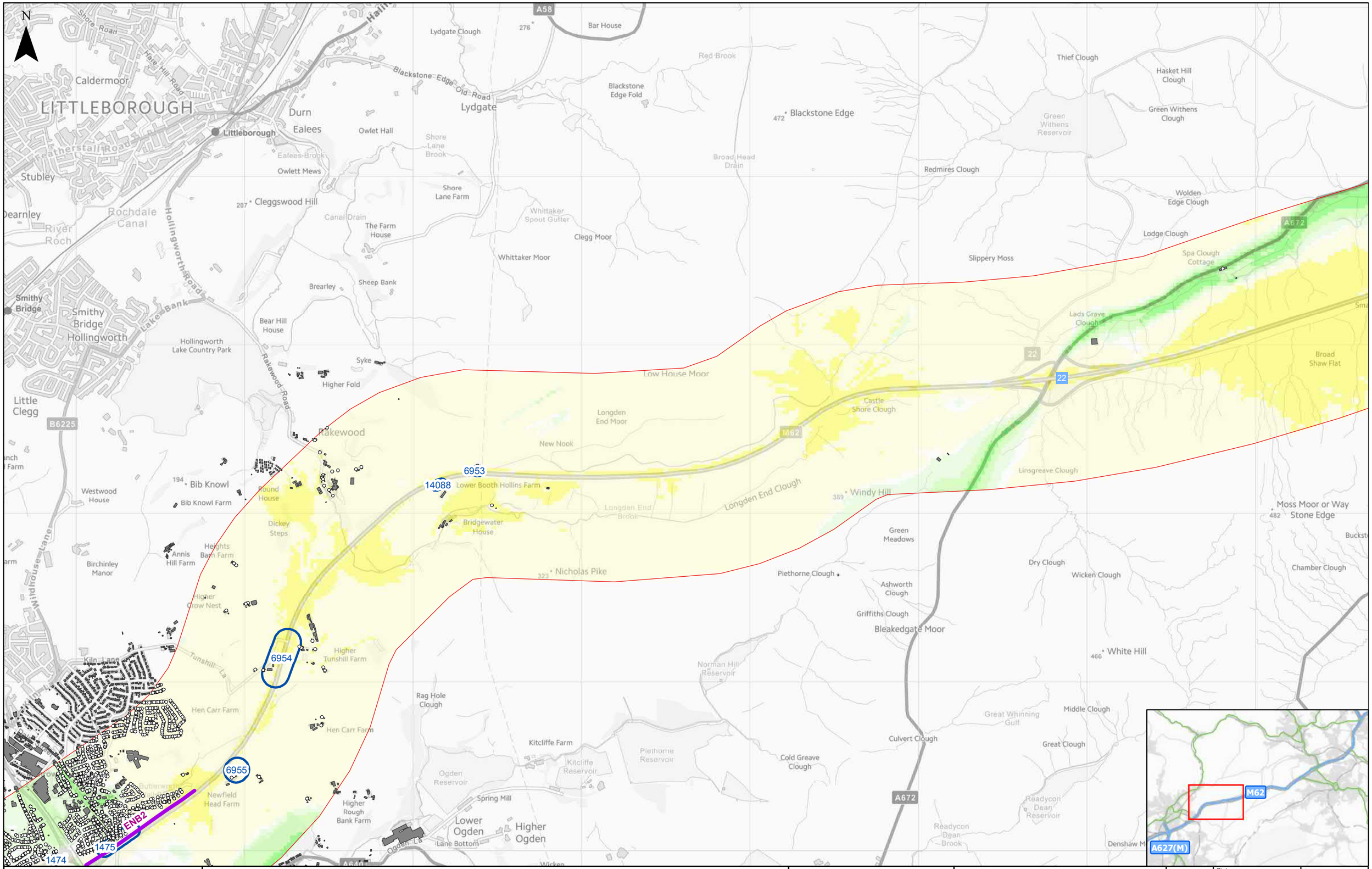

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

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Project: SMART MOTORWAY PROGRAMME
M62 Junctions 20 - 25

Drawing Title: FIGURE 8.2
NOISE CHANGE CONTOUR PLOTS
DO SOMETHING 2024 VS
DO MINIMUM 2024 DAY-TIME
MAP 2 OF 5

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00015

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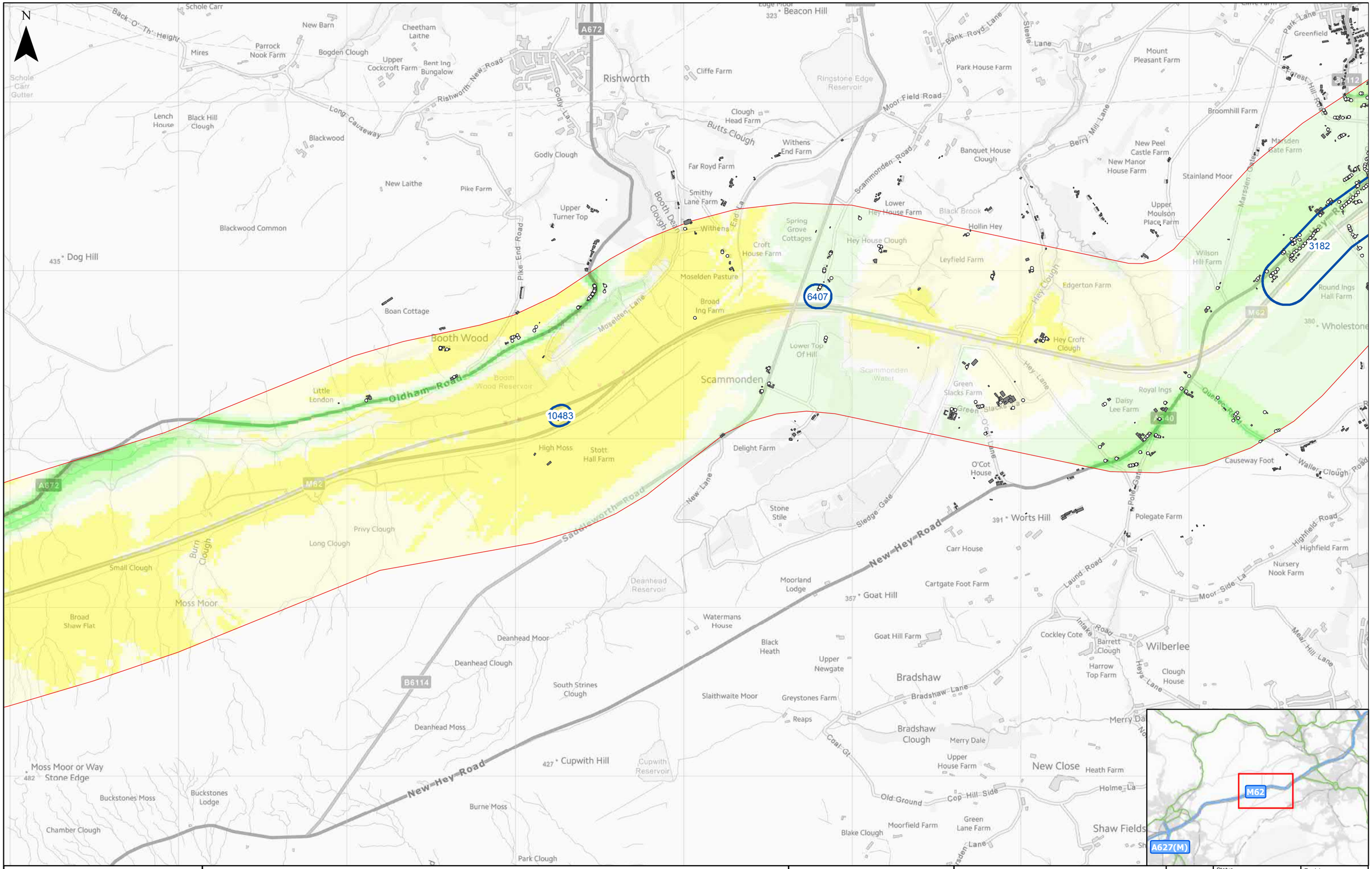

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Metres

P02	WIP	14/08/2019	For issue	TS	JA	SW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2024 vs DM2024 Daytime Short-term Change, dB $L_{A10,18h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.2 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 DAY-TIME MAP 3 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No.: HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00015

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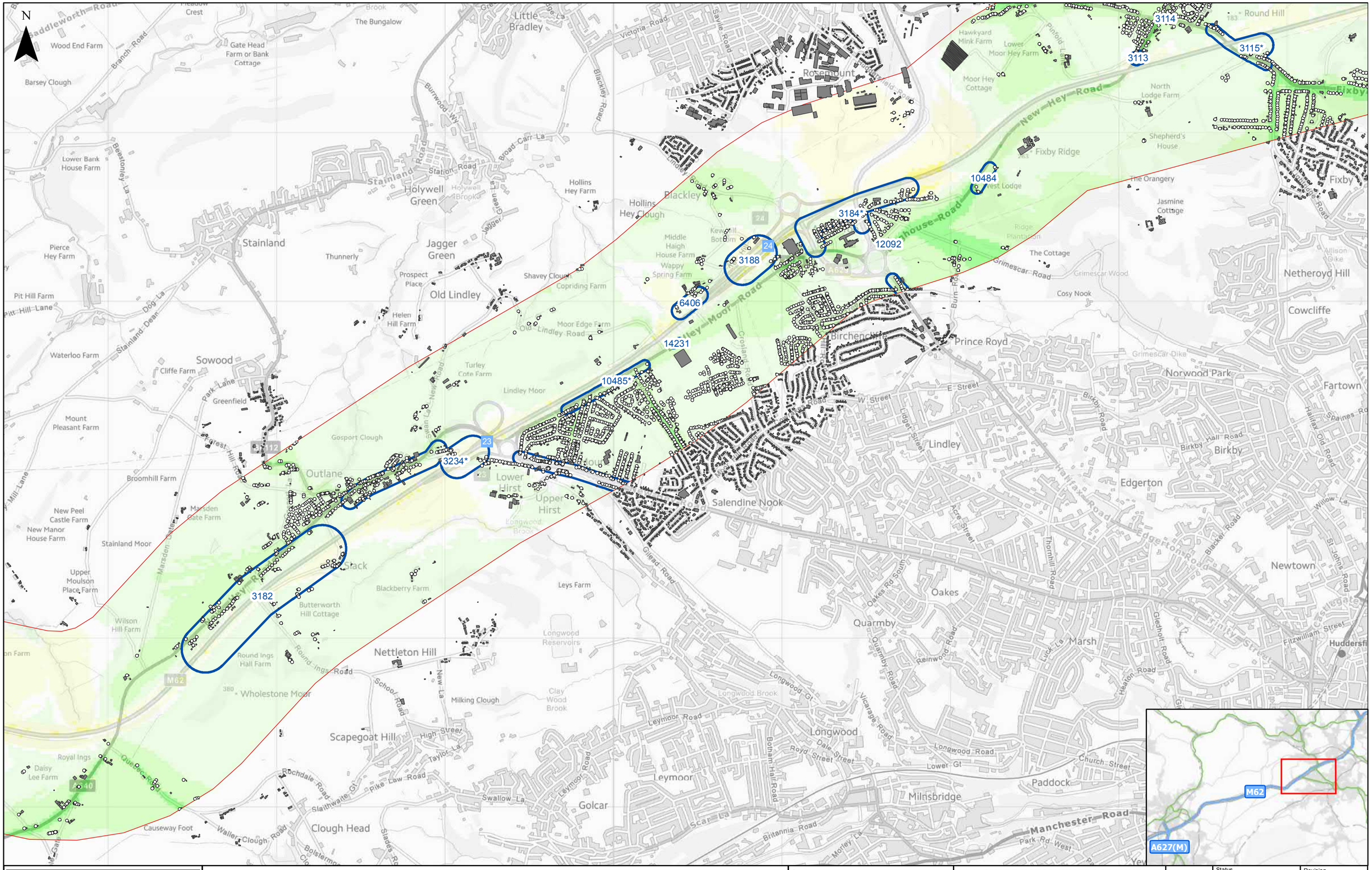

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2024 vs DM2024 Daytime Short-term Change, dB $L_{A10,18h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.2 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 DAY-TIME MAP 4 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00015

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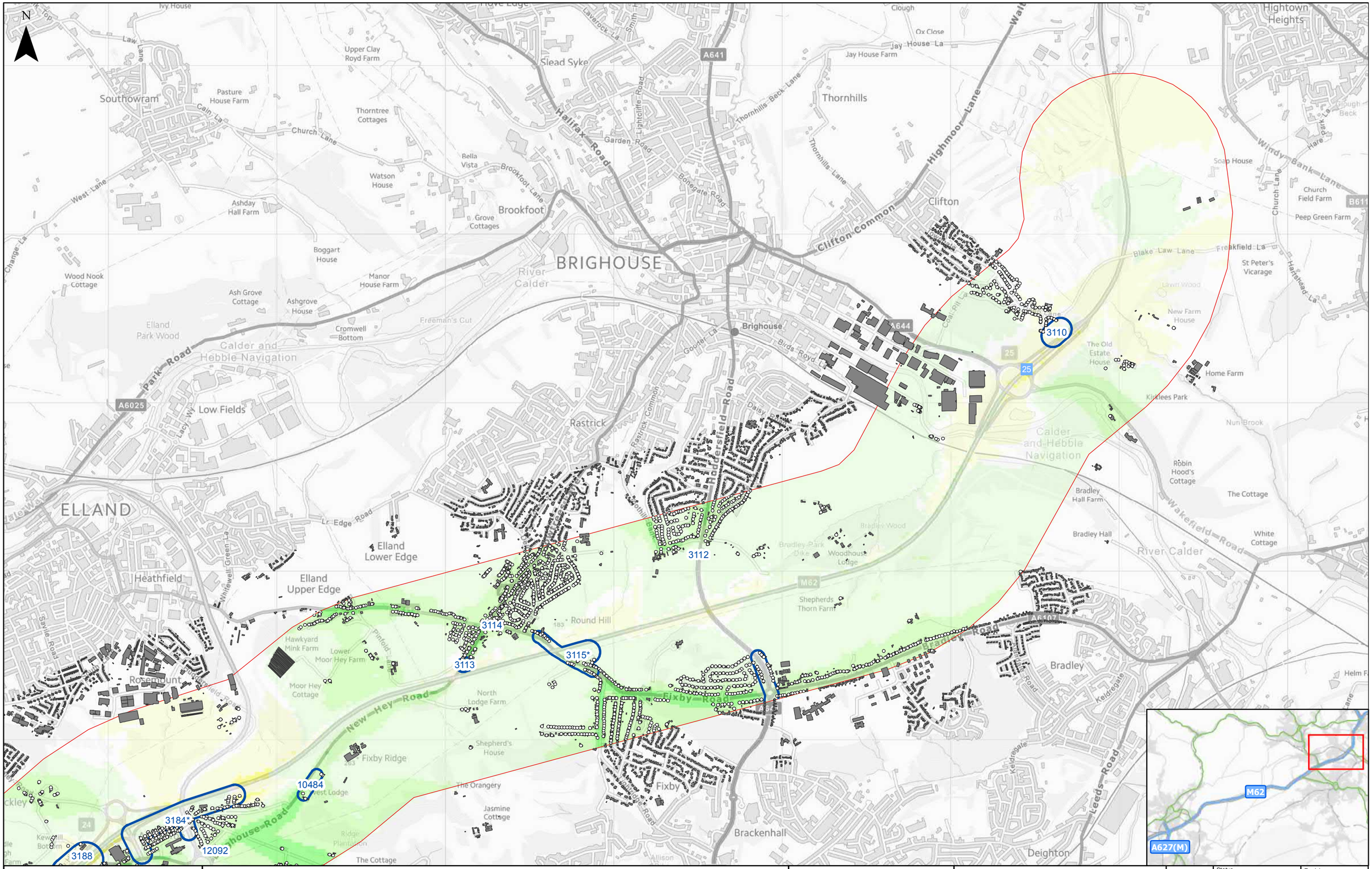

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Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2024 vs DM2024 Daytime Short-term Change, dB $L_{A10,18h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.2 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 DAY-TIME MAP 5 OF 5**

Status	SECOND ISSUE	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00015

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Metres

P02	WIP	14/08/2019	For issue	TS	JA	SW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DS2024 vs DM2024 Night-time Short-term Change, dB $L_{Aeq,8h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.3 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 NIGHT-TIME MAP 1 OF 5**

	Status: Second Issue	Revision: P02
Scale	1:20,000	Date 14/08/2019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00016

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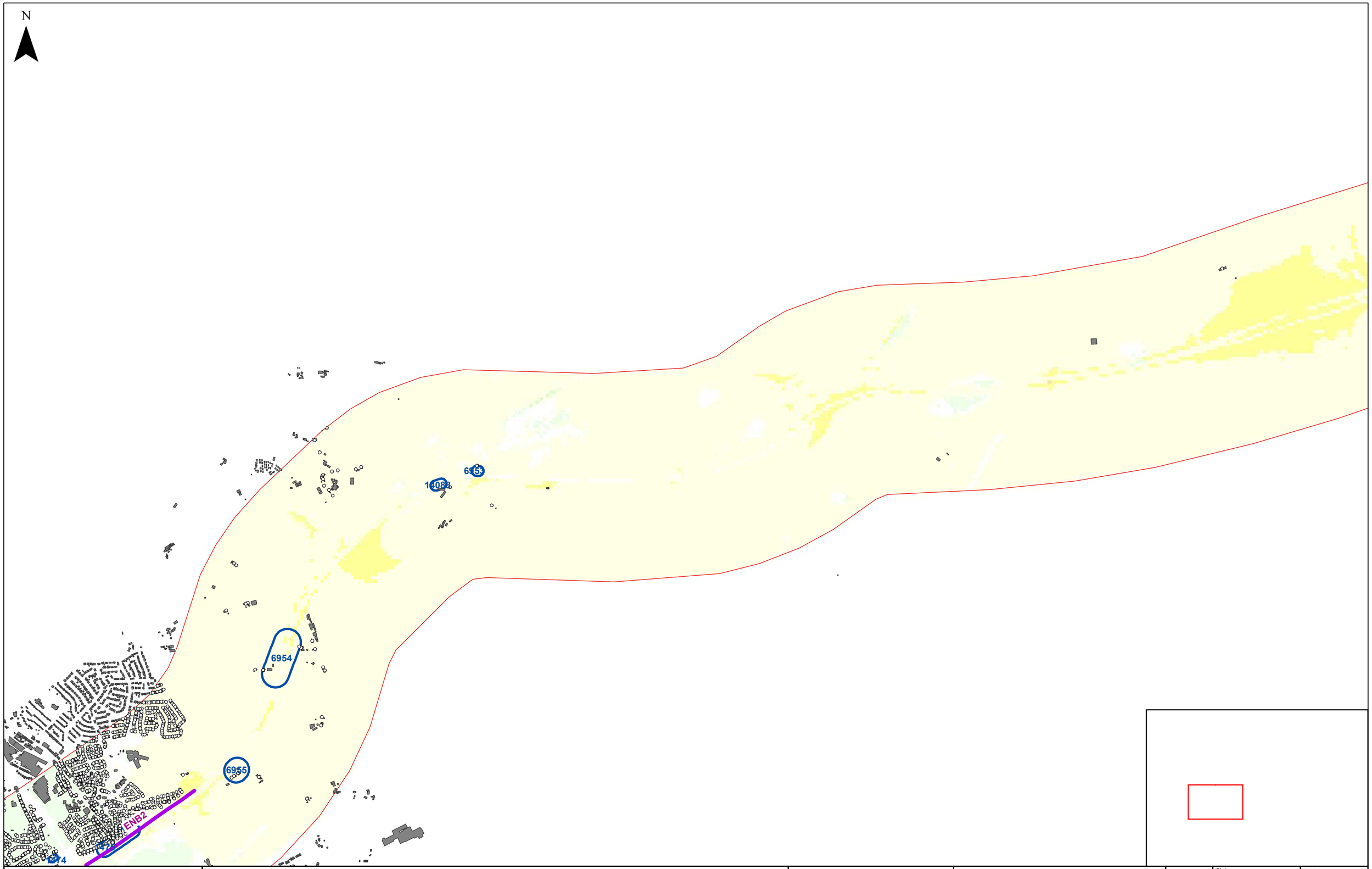

0 500 1,000
Metres

P02	WIP	14/08/2019	For issue	TS	JA	SW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DS2024 vs DM2024 Night-time Short-term Change, dB $L_{Aeq,8h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.3 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 NIGHT-TIME MAP 2 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00016

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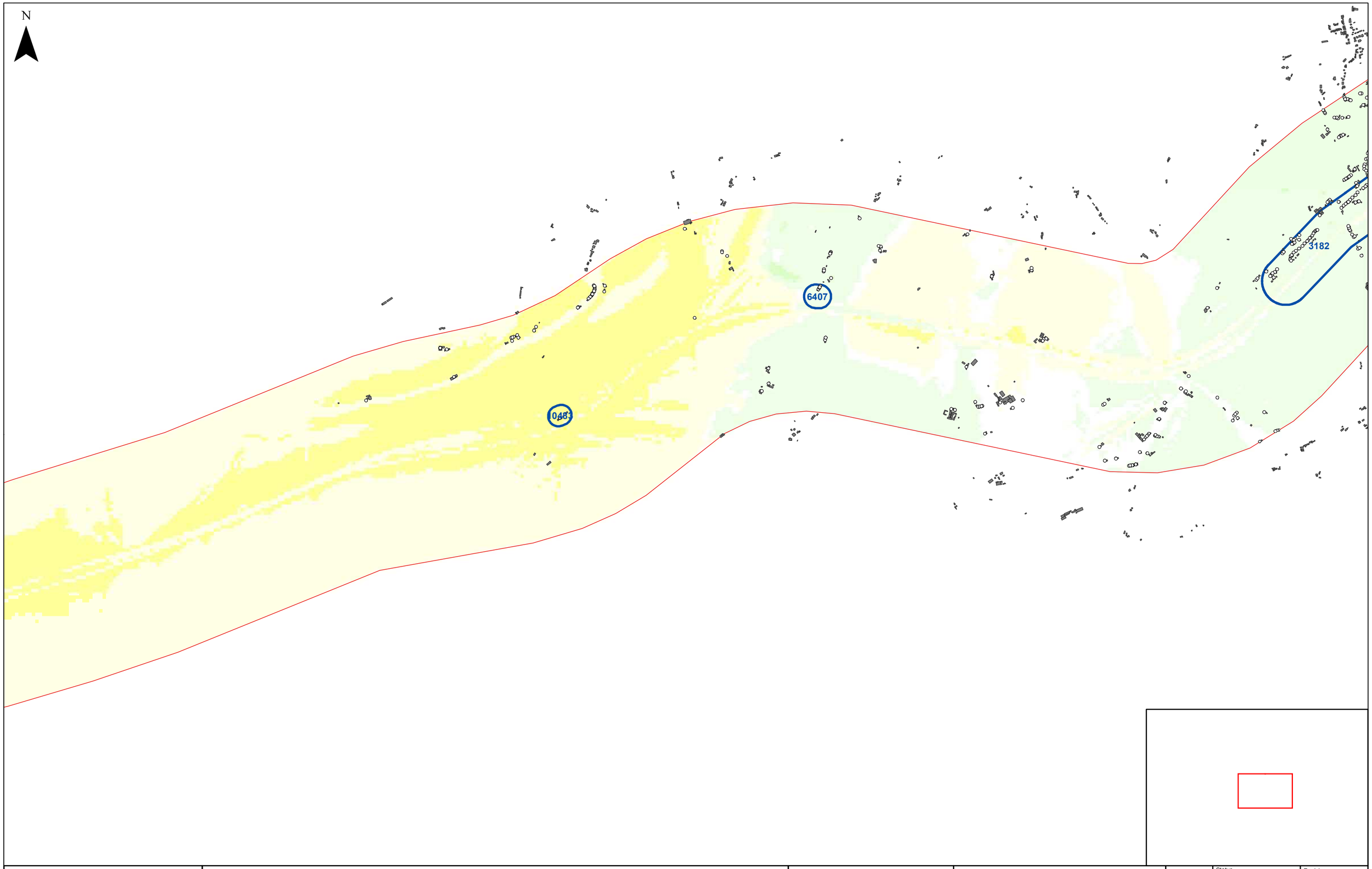

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DS2024 vs DM2024 Night-time Short-term Change, dB $L_{Aeq,8h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.3 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 NIGHT-TIME MAP 3 OF 5**

Status: Second Issue			Revision: P02
Scale: 1:20,000			Date: 14/08/2019
Drawn By: TS			
Checked By: JA			
Approved By: SW			
Project No. HE551534	Originator: WSP		Original Size: A3
Drawing number HE551534	Volume: EGN	Location: SG	Type: DR / Role: LE / Number: 00016

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0 500 1,000
Metres

P02	WIP	14/08/2019	For issue	TS	JA	SW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DS2024 vs DM2024 Night-time Short-term Change, dB $L_{Aeq,8h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.3 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 NIGHT-TIME MAP 4 OF 5**

	Status: Second Issue	Revision: P02
Scale	1:20,000	Date 14/08/2019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00016

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0 500 1,000
Metres

P02	WIP	14/08/2019	For issue	TS	JA	SW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DS2024 vs DM2024 Night-time Short-term Change, dB $L_{Aeq,8h}$

- > -5
- -3 to -4.9
- -1 to -2.9
- -0.1 to -0.9
- 0
- 0.1 to 2.9
- 1 to 2.9
- 3 to 4.9
- >5

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.3 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2024 VS DO MINIMUM 2024 NIGHT-TIME MAP 5 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00016

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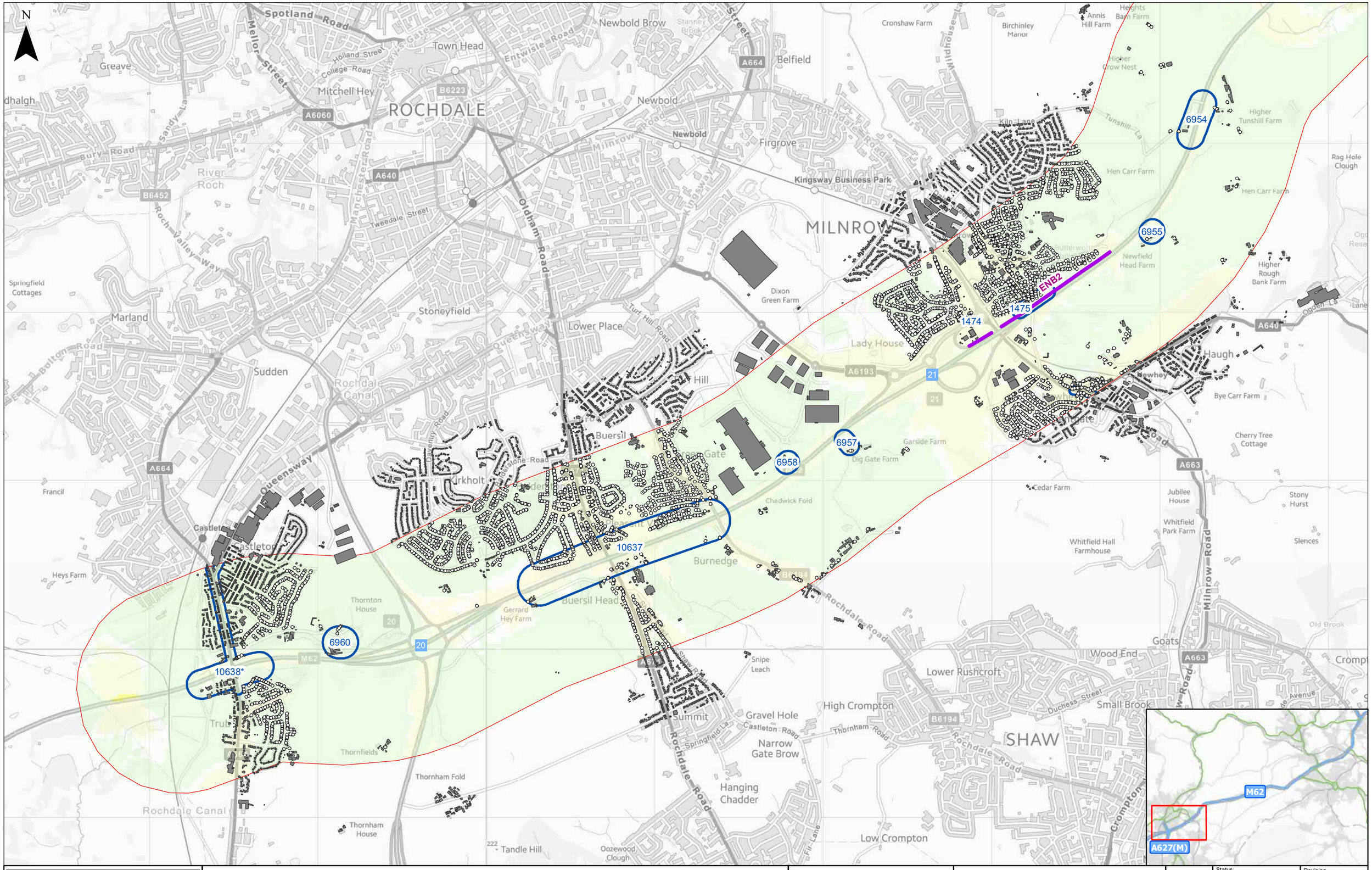

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.4 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 DAY-TIME MAP 1 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00017

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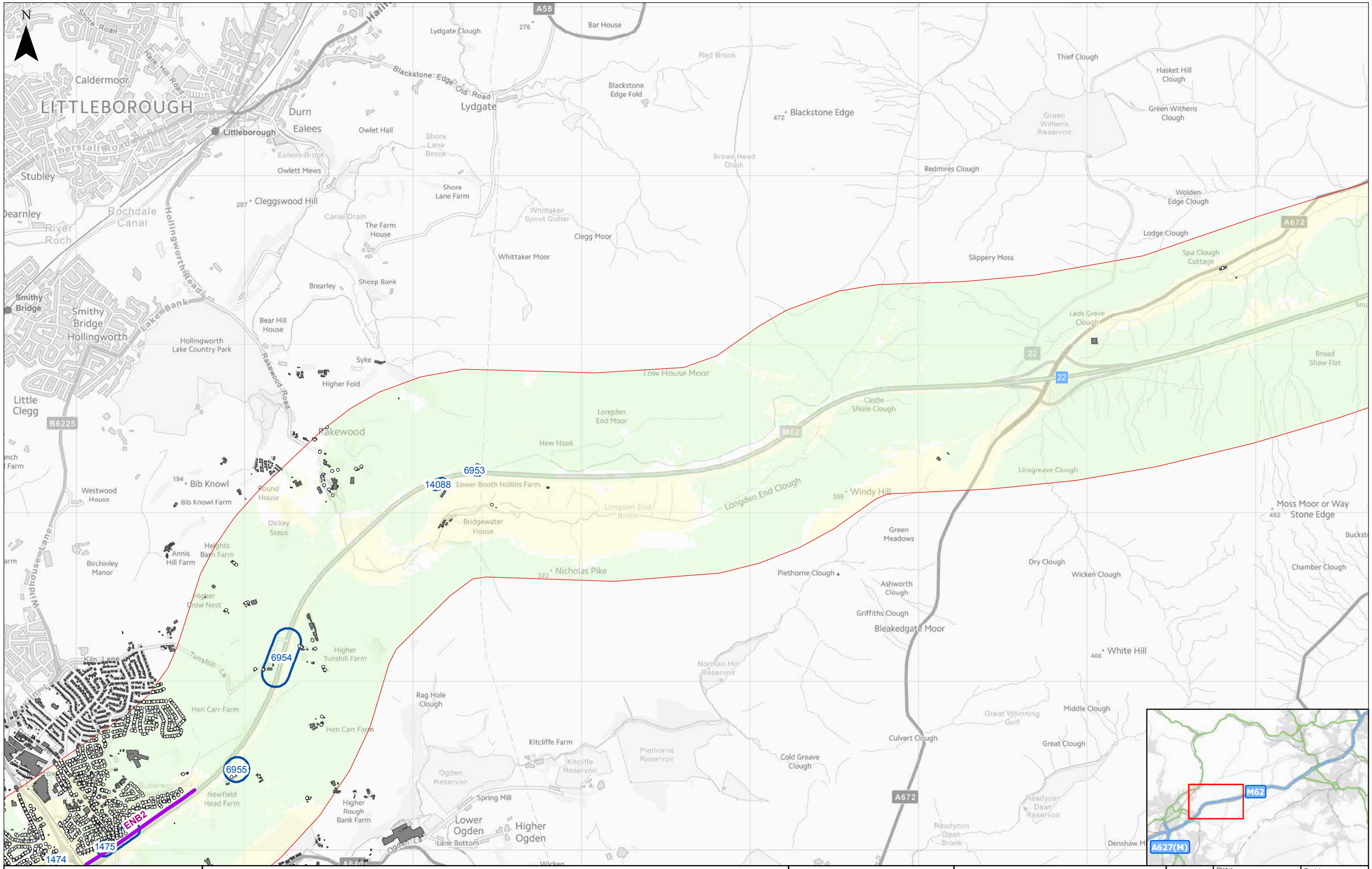

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Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.4 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 DAY-TIME MAP 2 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00017

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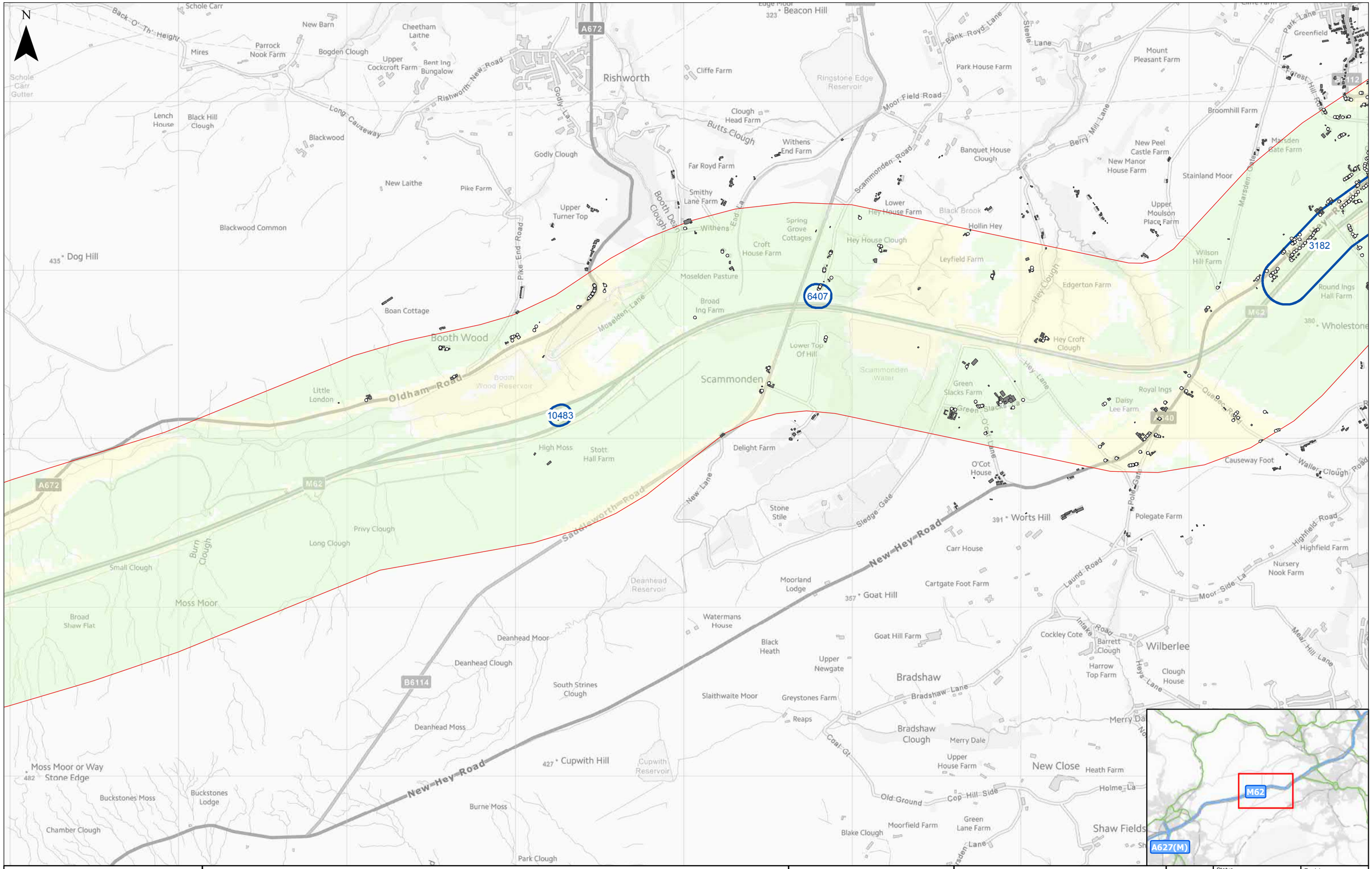

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Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.4 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 DAY-TIME MAP 3 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator	WSP
Original Size	A3		
Drawing number	HE551534	Volume EGN	Location SG
Type DR	Role LE	Number 00017	

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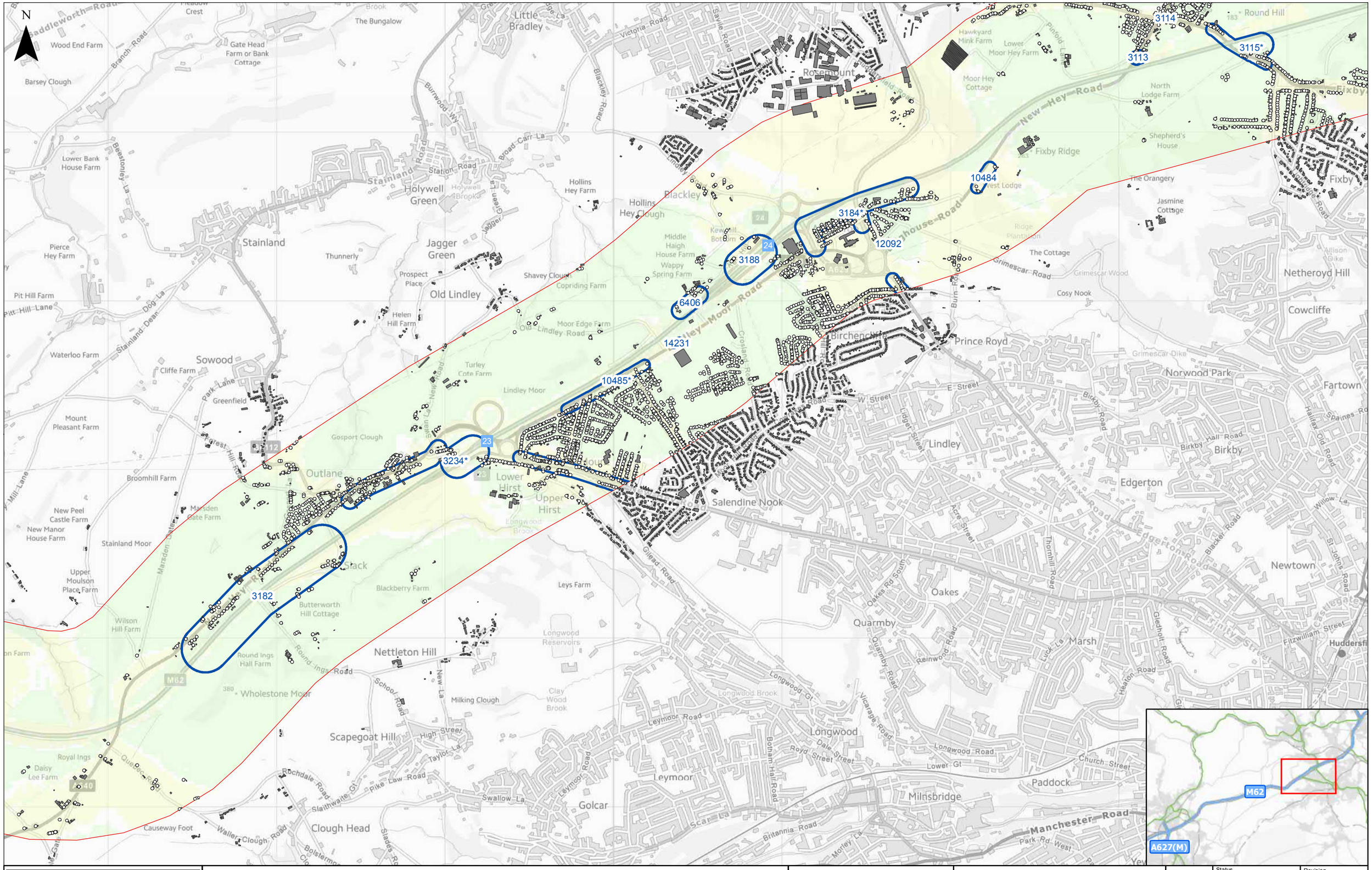

0 500 1,000
Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.4 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 DAY-TIME MAP 4 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator	WSP
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00017

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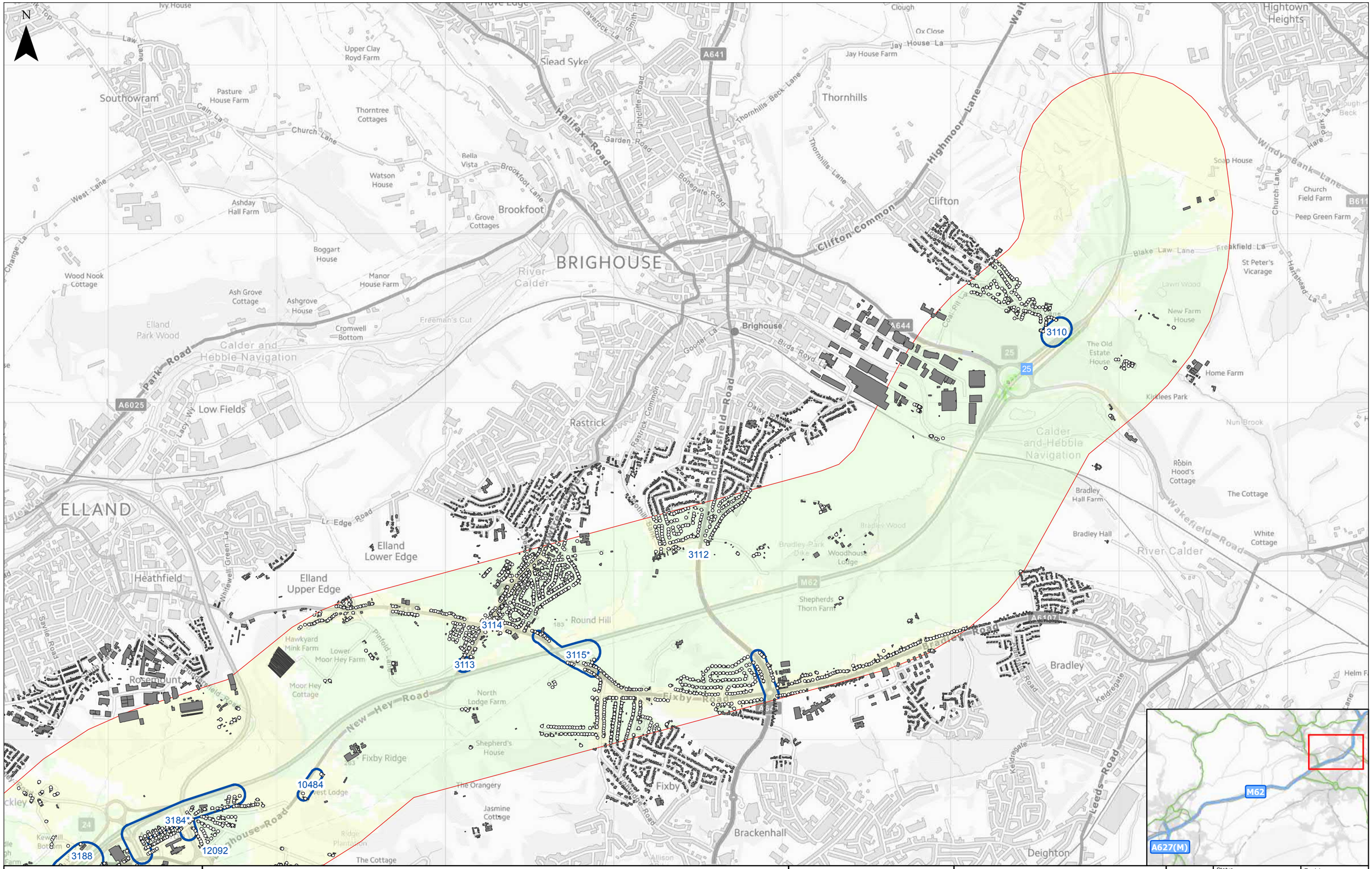

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Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.4 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 DAY-TIME MAP 5 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00017

Document Path: \\uk.wspgroup.com\central data\Projects\62241xxx\62241710 - CDF SMP Tranche 5\02 Discipline Inputs\GIS\Mxd\NOISE_62241710_20190814_M62_FIGURE_8_4_NCCP_DS2039_VS_DM2024_DAY.mxd

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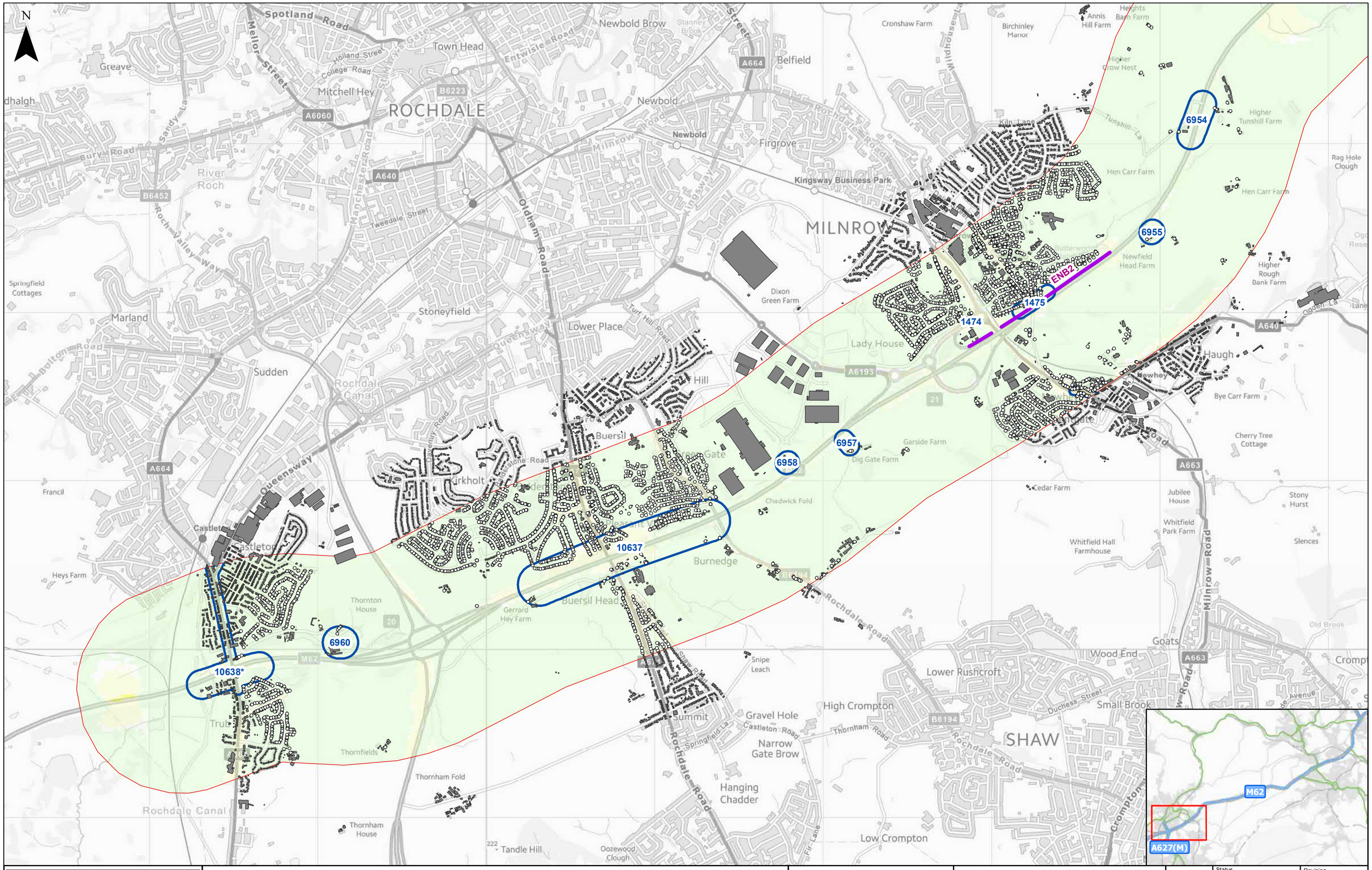

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.5 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 1 OF 5**

Status	Second Issue	Revision P02
Scale	1:20,000	Date 14/08/2019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00018

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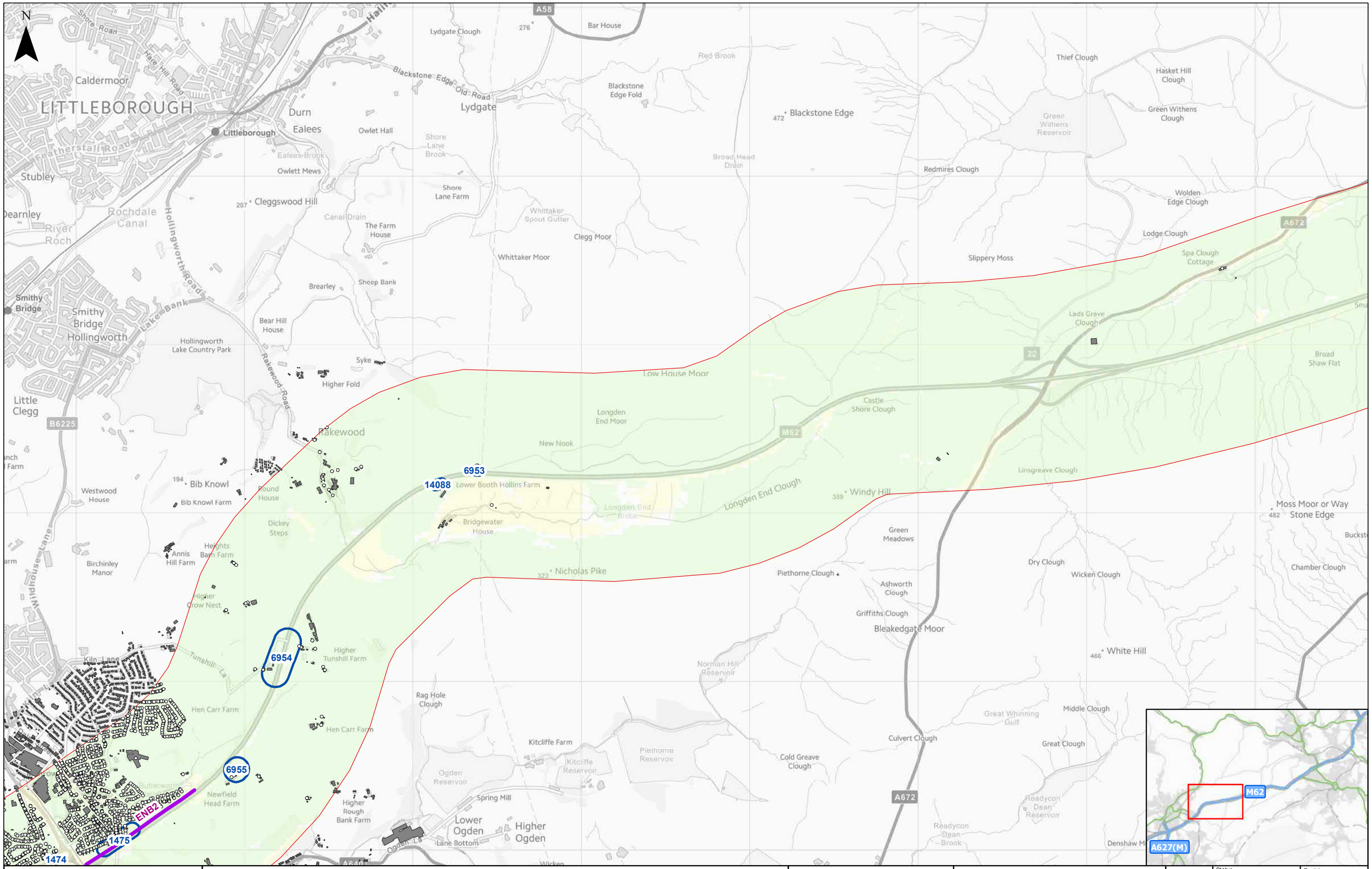

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.5 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 2 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		
Drawing number	HE551534	Volume EGN	Location SG
Type DR	Role LE	Number 00018	

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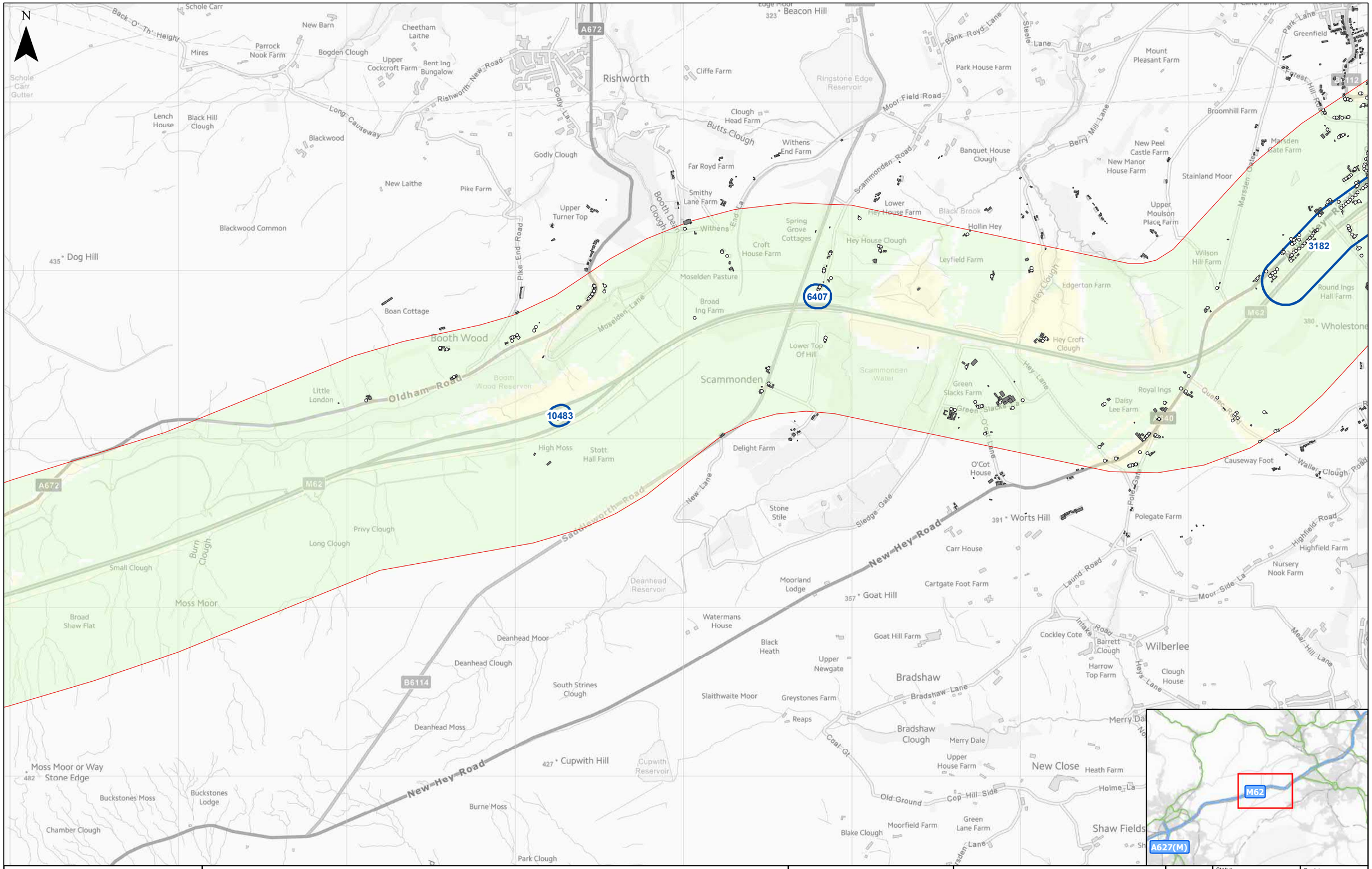

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Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.5 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 3 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00018

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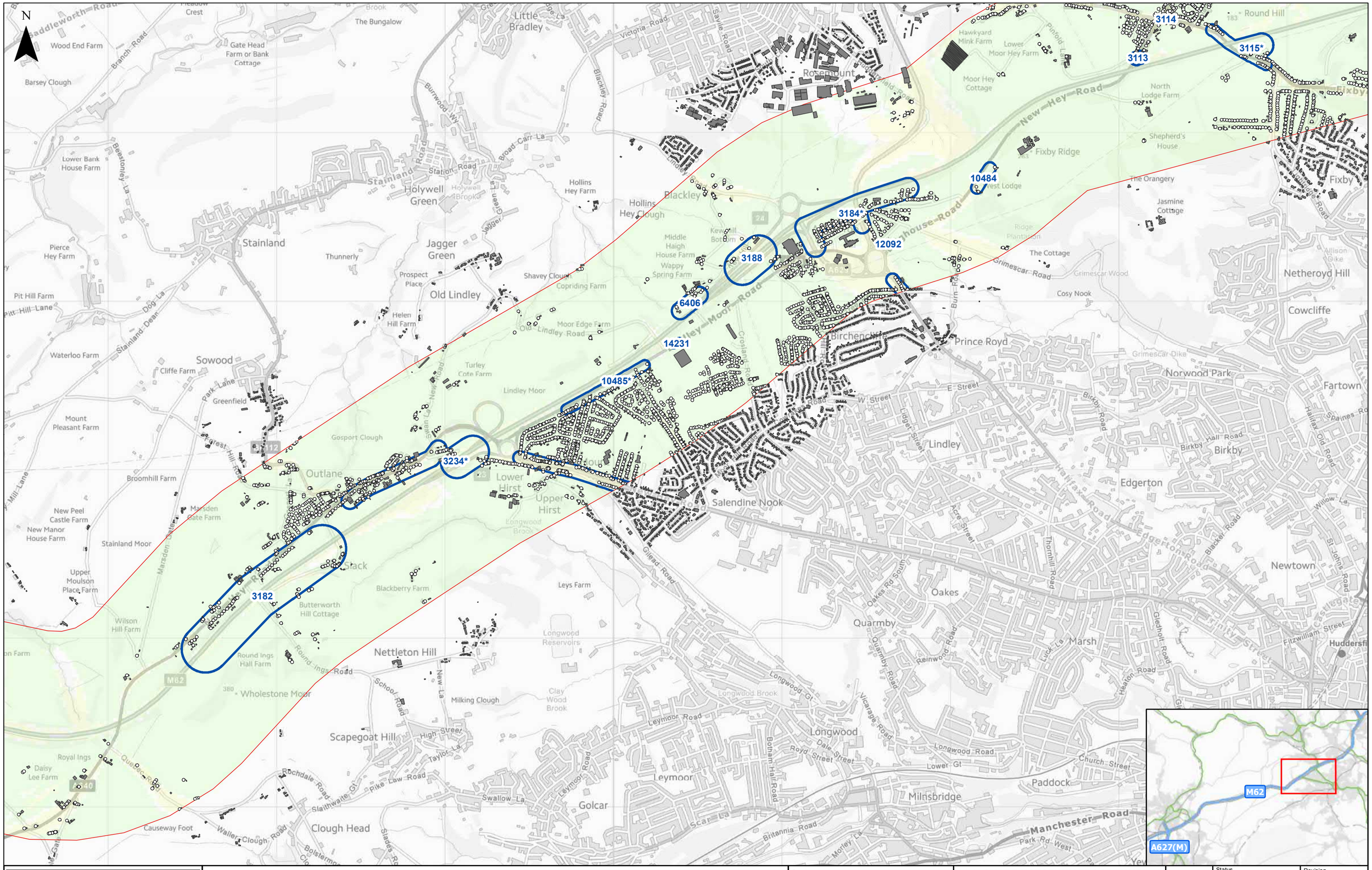

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Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
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DS2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.5 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 4 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00018

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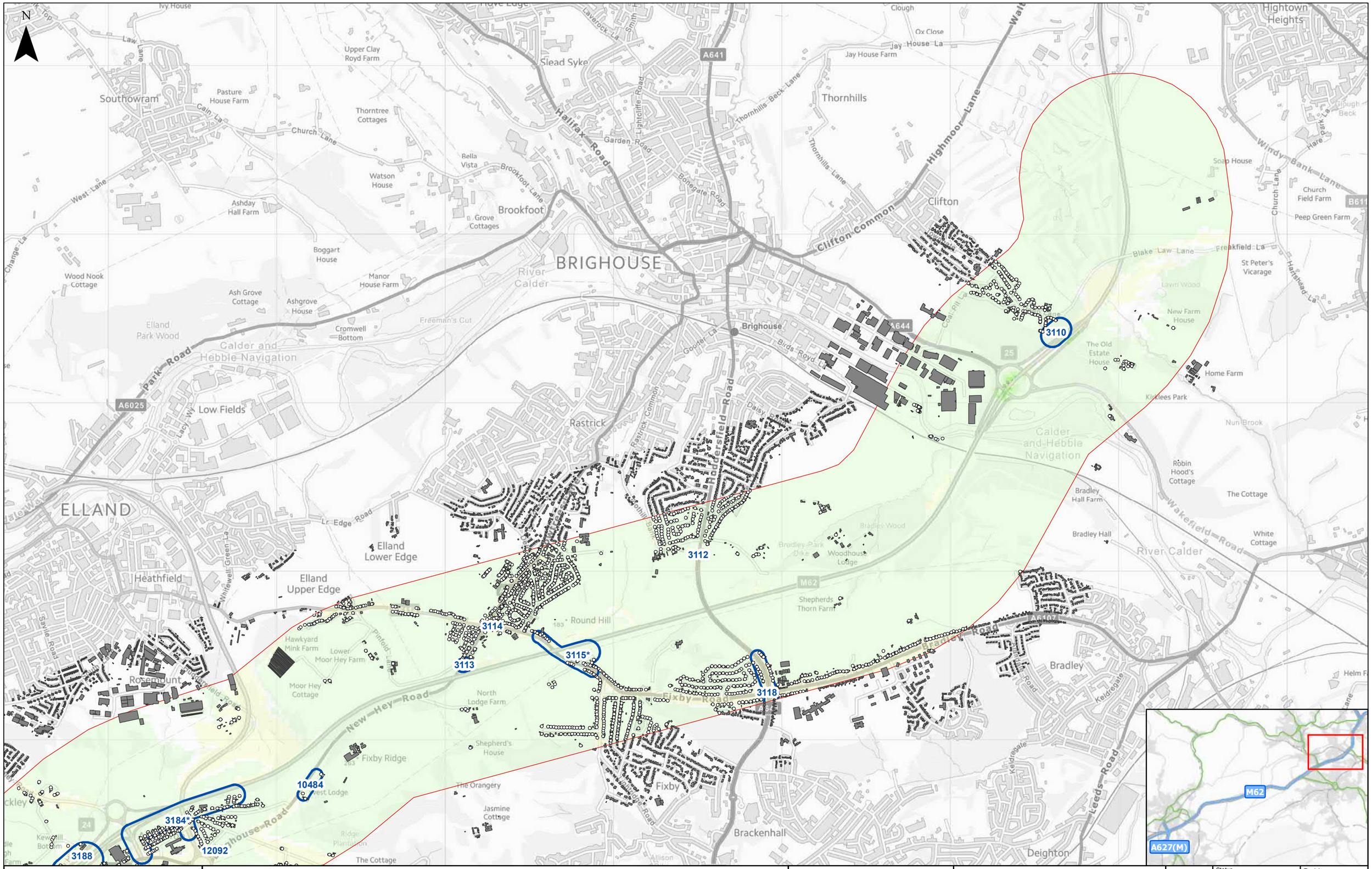

0 500 1,000
Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DS2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.5 NOISE CHANGE CONTOUR PLOTS DO SOMETHING 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 5 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00018

Document Path: \\uk.wspgroup.com\central data\Projects\62241xxx\62241710 - CDF SMP Tranche 5\02 Discipline Inputs\GIS\Mxd\NOISE_62241710_20190814_M62_FIGURE_8_5_NCCP_DS2039_VS_DM2024_NIGHT.mxd

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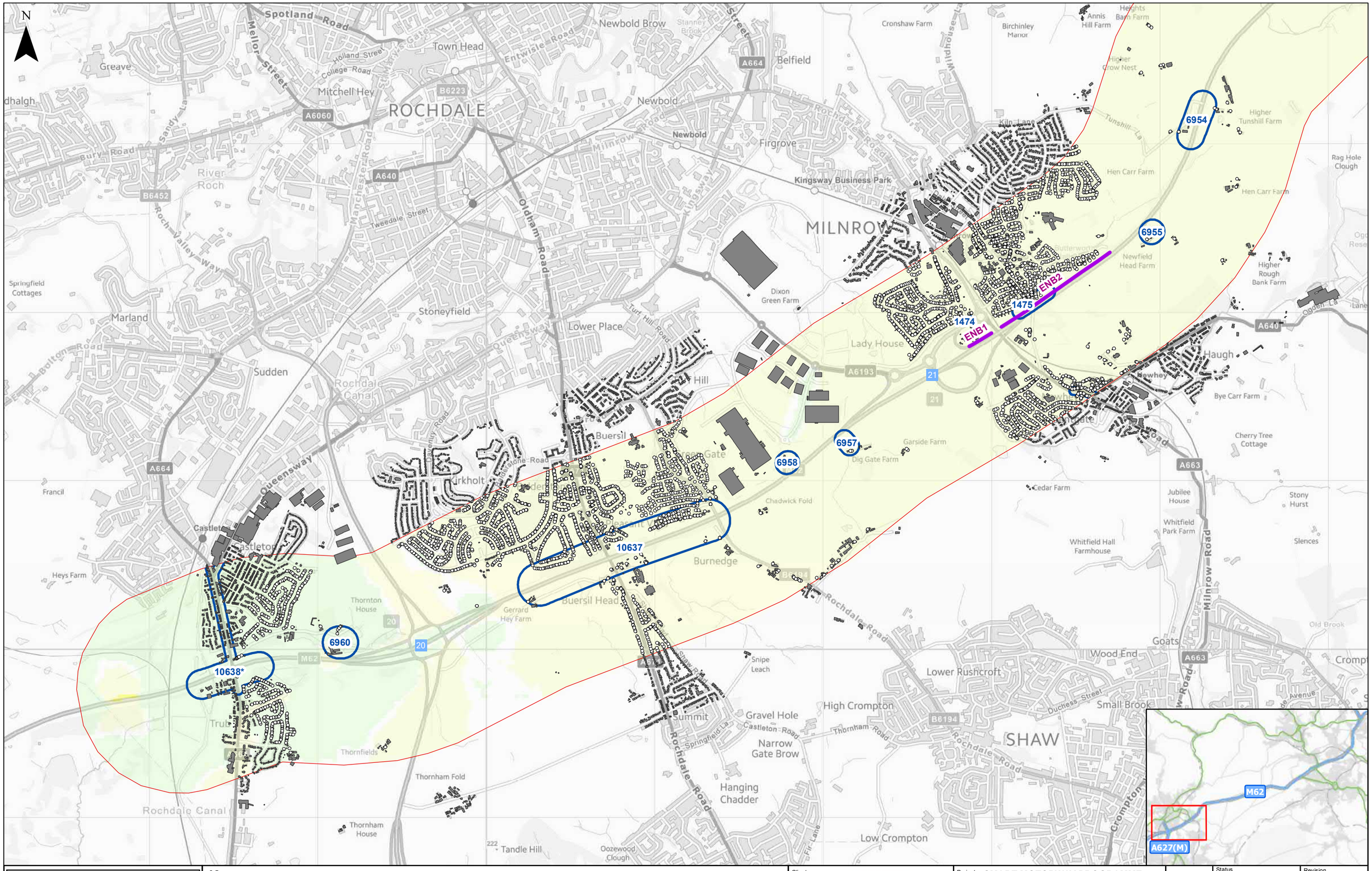

0 500 1,000
Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DM2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.6 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 DAY-TIME MAP 1 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator	WSP
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00019

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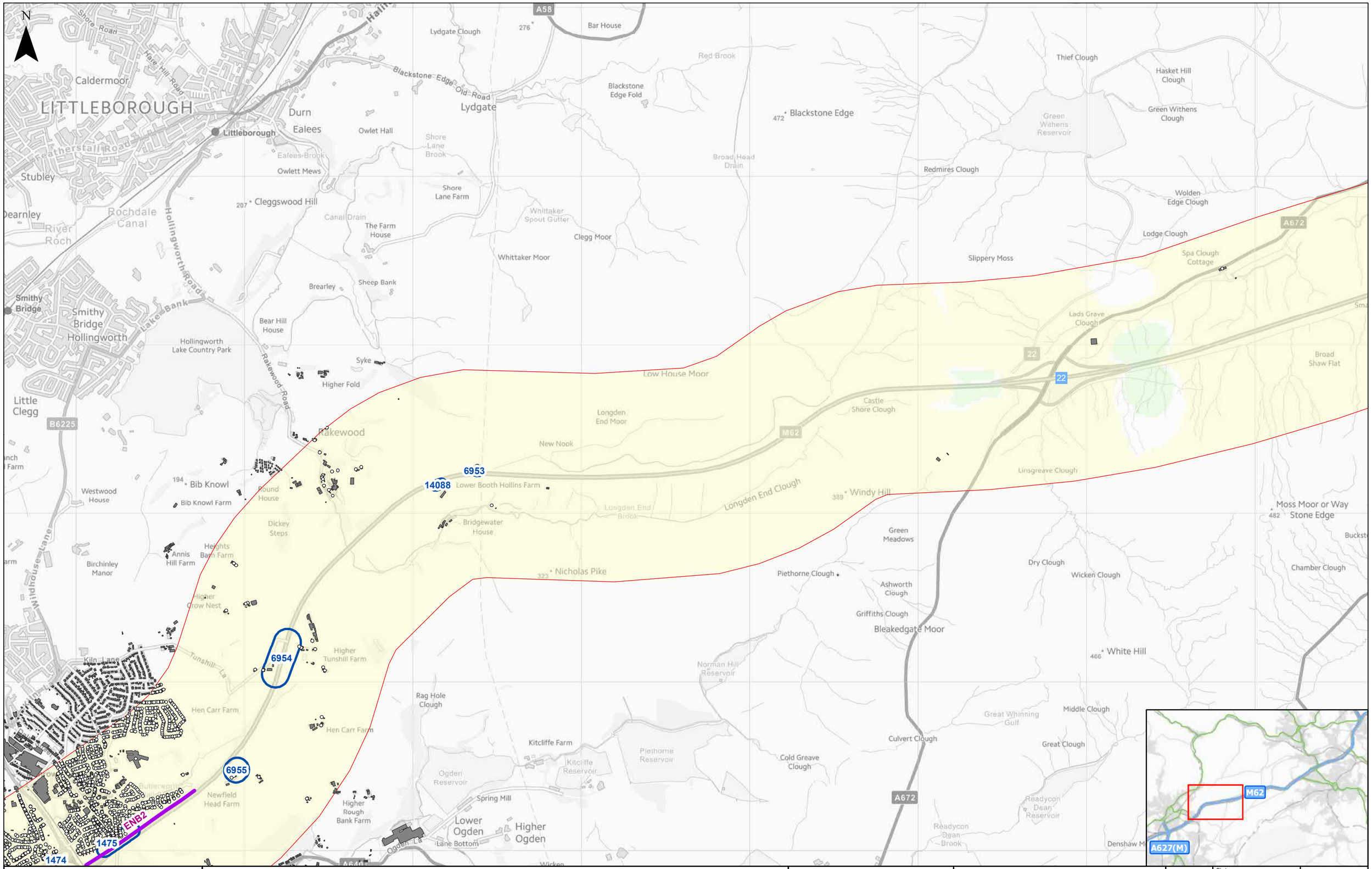

0 500 1,000
Metres

P02	WIP	14/08/2019	For issue	TS	JA	SW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DM2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.6 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 DAY-TIME MAP 2 OF 5**

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00019

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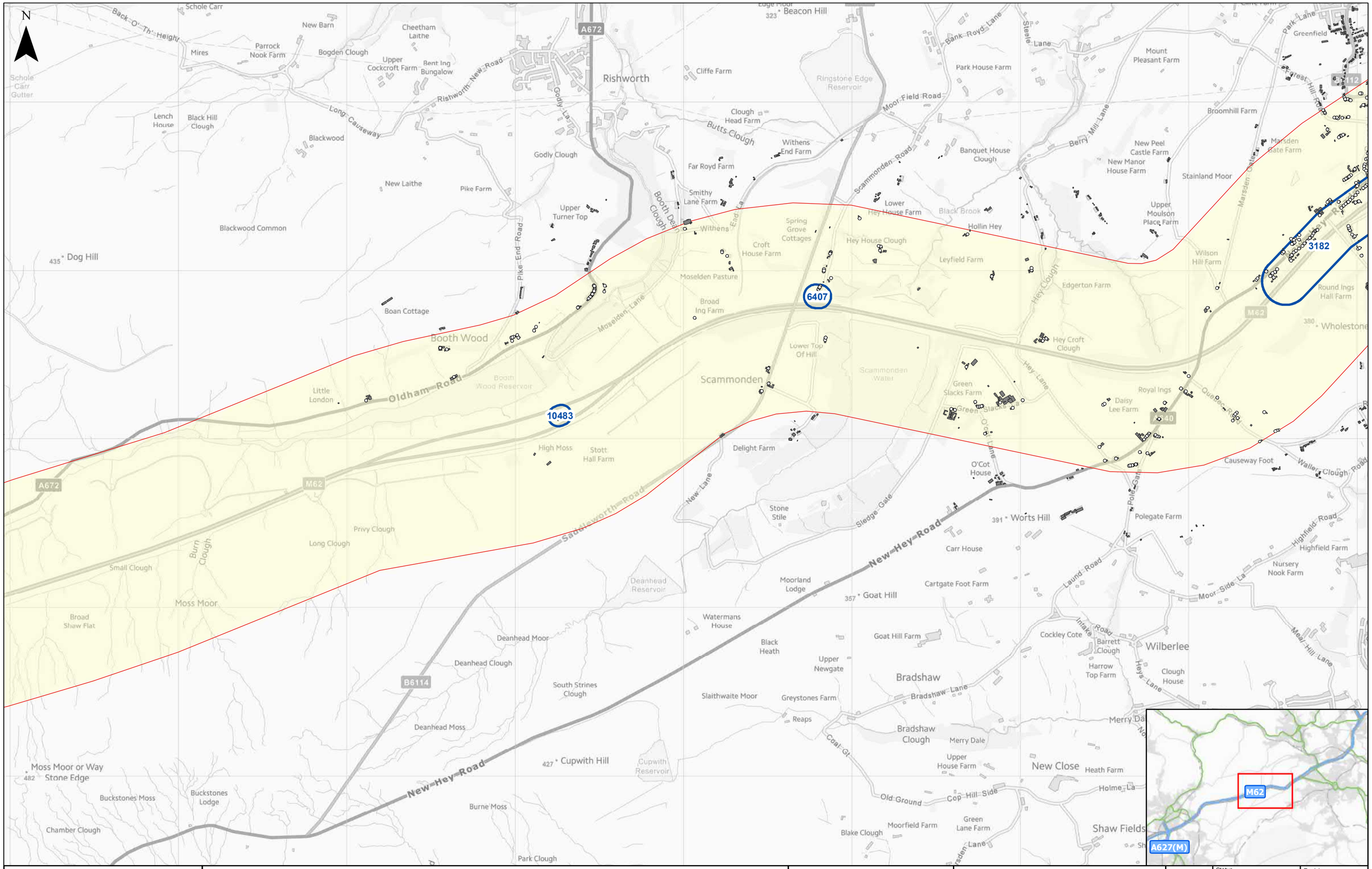

0 500 1,000
Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DM2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.6 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 DAY-TIME MAP 3 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3
Drawing number: HE551534	Volume: EGN / Location: SG	Type: DR / Role: LE / Number: 00019

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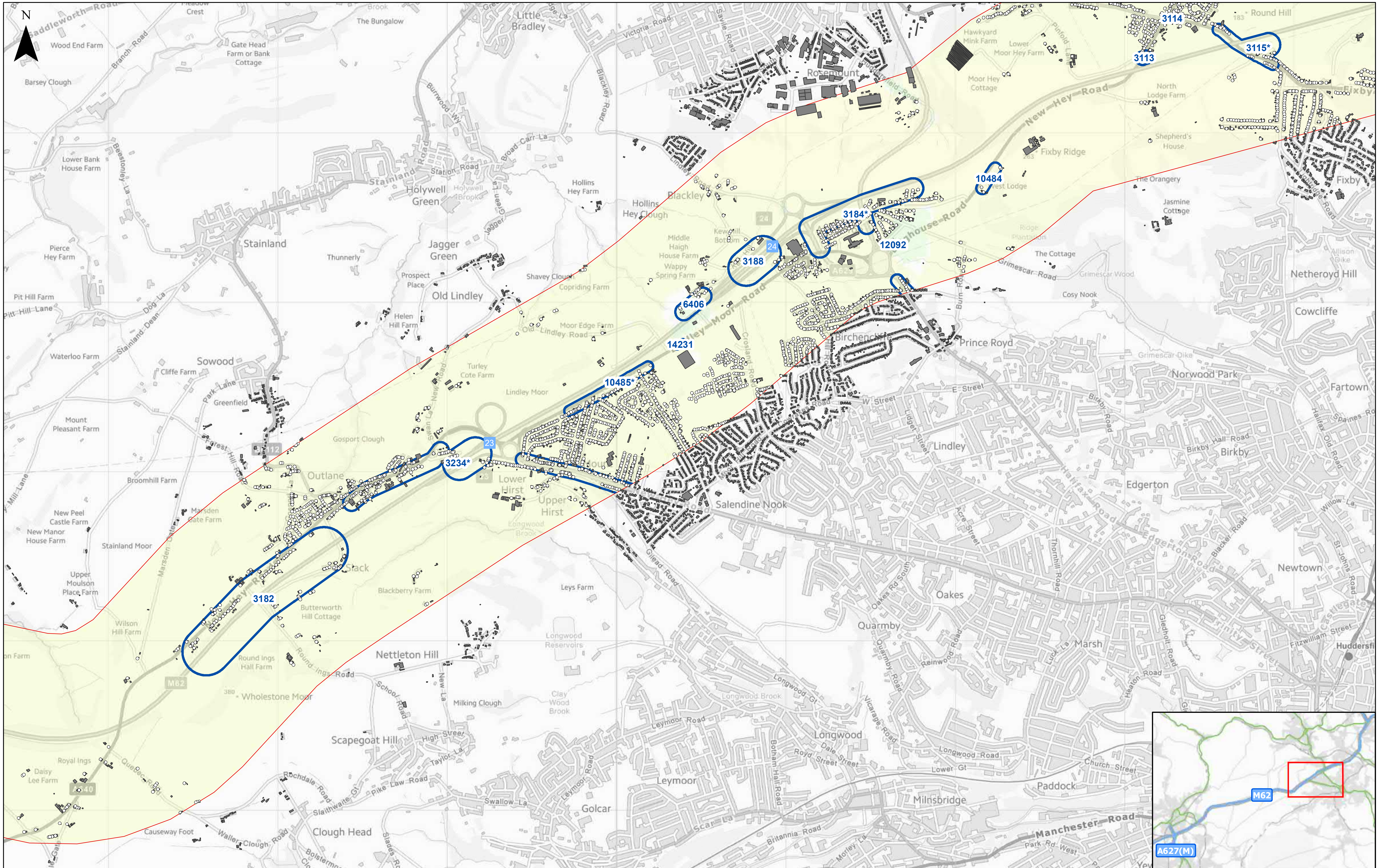

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DM2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

0 500 1,000
Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.6 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 DAY-TIME MAP 4 OF 5**

Status	Second Issue	Revision P02
Scale	1:20,000	Date 14/08/2019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00019

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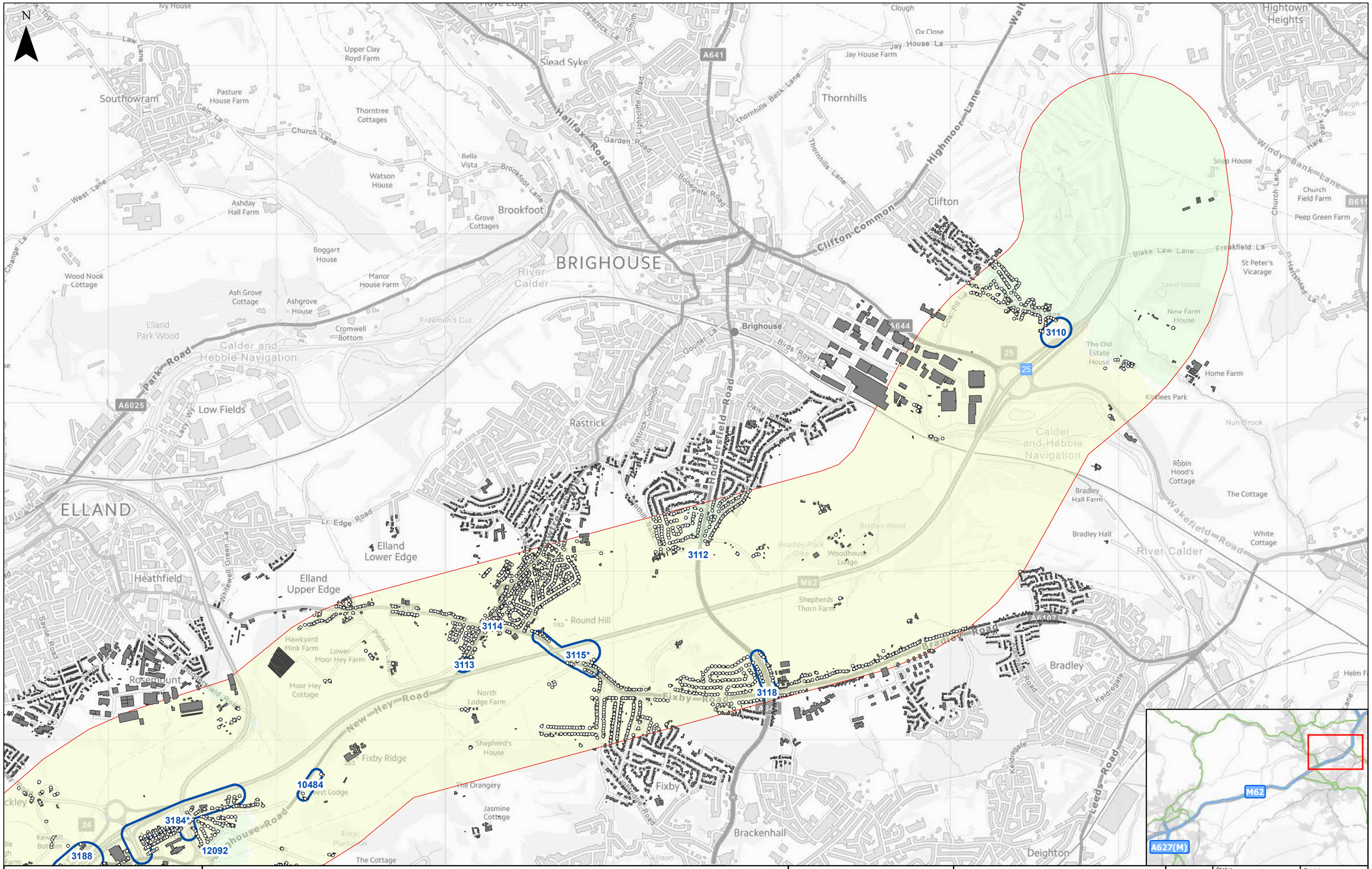

0 500 1,000
Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- NIAs
- Noise Calculation Area

DM2039 vs DM2024 Daytime Long-term Change, dB $L_{A10,18h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.6 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 DAY-TIME MAP 5 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00019

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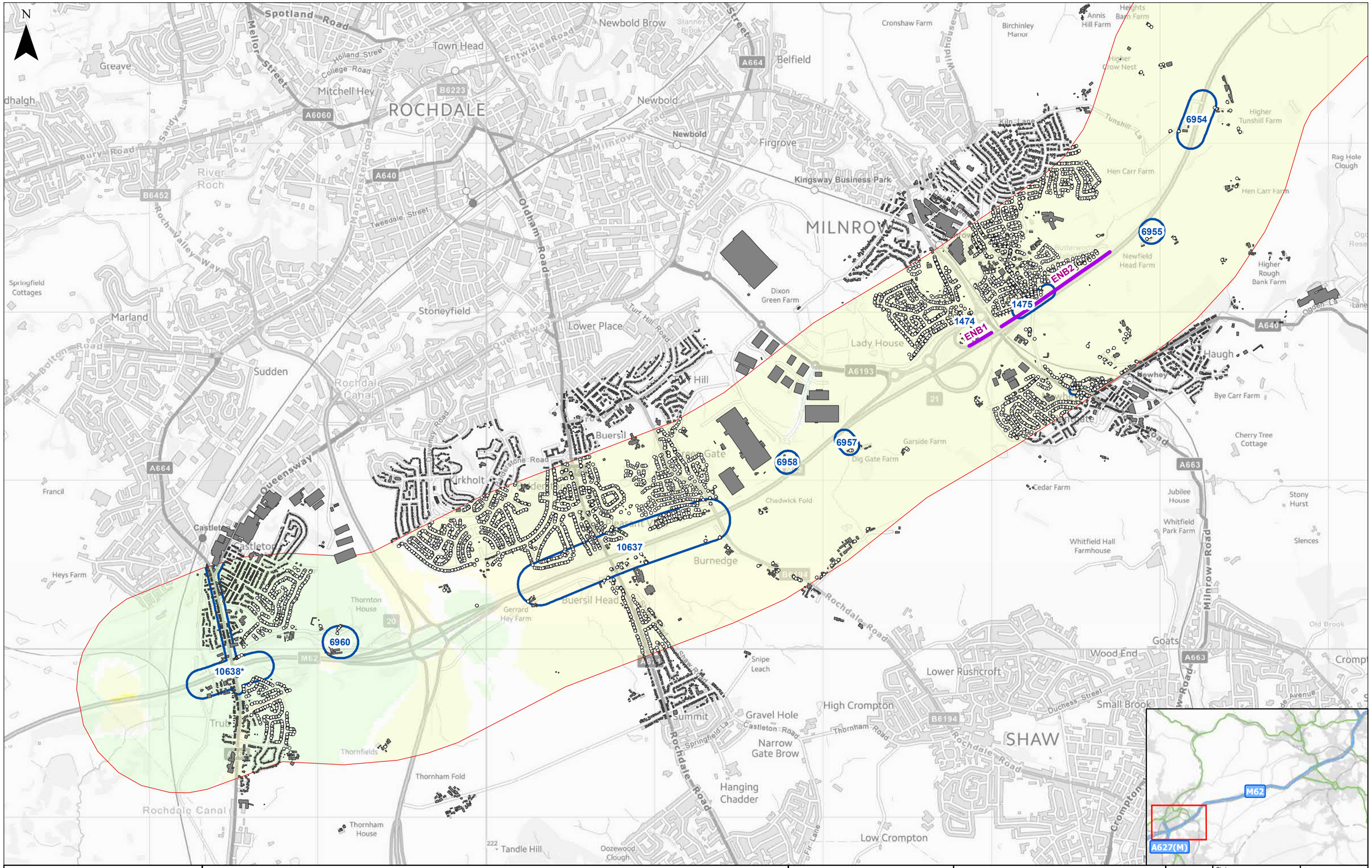

0 500 1,000
Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DM2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title: **FIGURE 8.7**
NOISE CHANGE CONTOUR PLOTS
DO MINIMUM 2039 VS
DO MINIMUM 2024 NIGHT-TIME
MAP 1 OF 5

Status: Second Issue	Revision: P02	
Scale: 1:20,000	Date: 14/08/2019	
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00020

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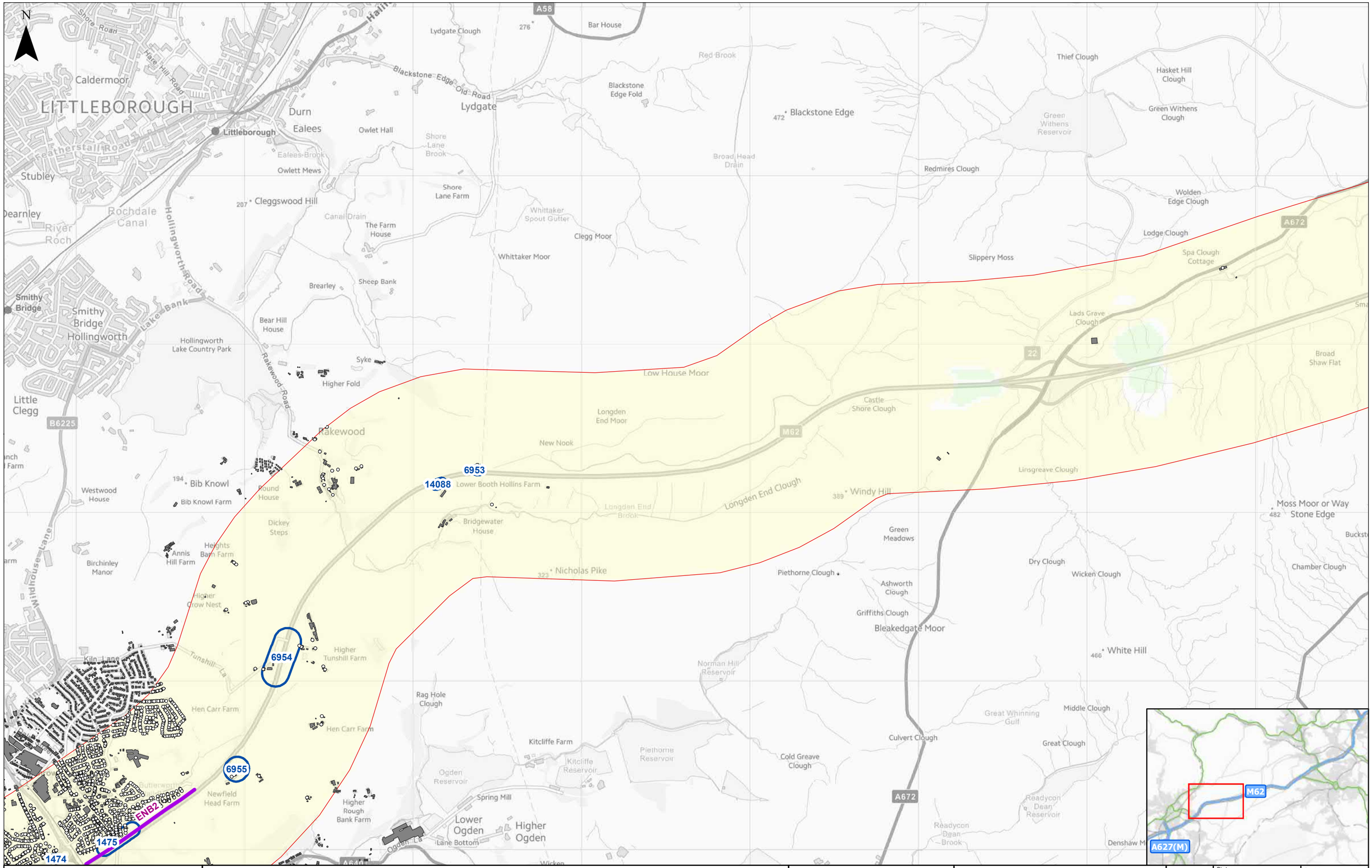

0 500 1,000
Metres

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DM2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME**
M62 Junctions 20 - 25

Drawing Title:
FIGURE 8.7
NOISE CHANGE CONTOUR PLOTS
DO MINIMUM 2039 VS
DO MINIMUM 2024 NIGHT-TIME
MAP 2 OF 5

Status	Second Issue	Revision	P02
Scale	1:20,000	Date	14/08/2019
Drawn By	TS		
Checked By	JA		
Approved By	SW		
Project No.	HE551534	Originator WSP	
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00020

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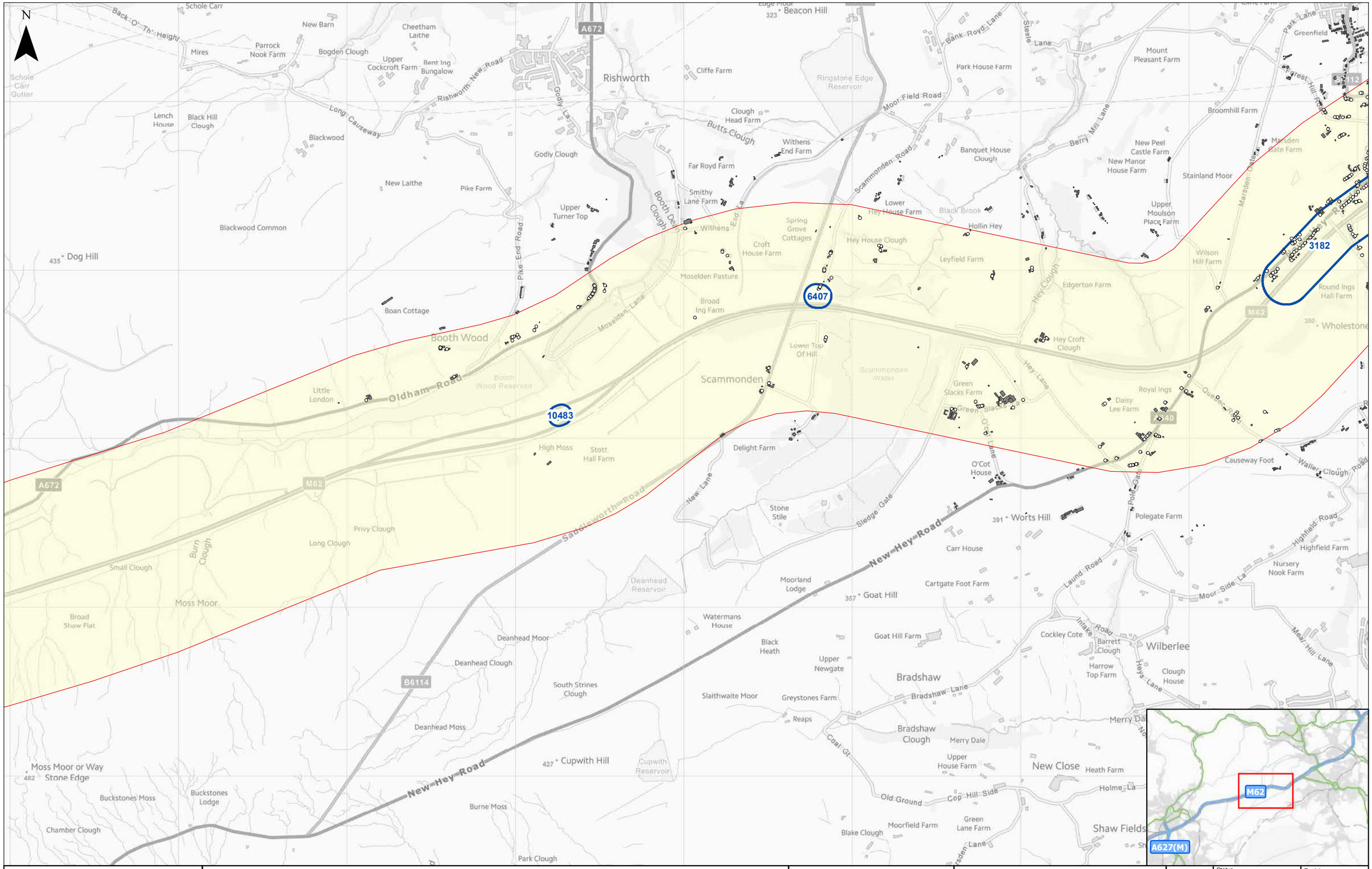

0 500 1,000
Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DM2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.7 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 3 OF 5**

Status	Second Issue	Revision P02
Scale	1:20,000	Date 14/08/2019
Drawn By	TS	
Checked By	JA	
Approved By	SW	
Project No. HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN / Location SG	Type DR / Role LE / Number 00020

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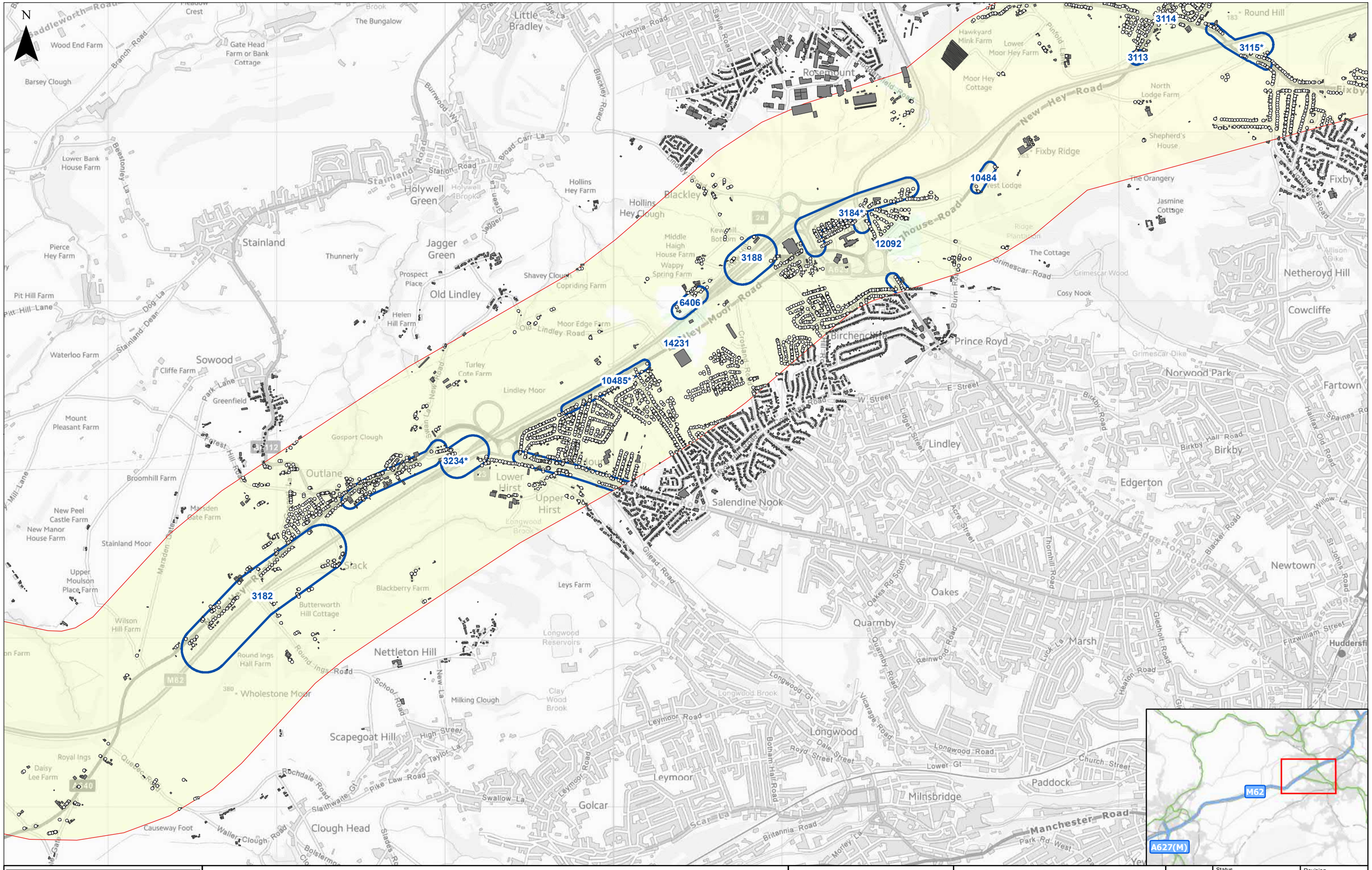

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Metres		

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DM2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.7 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 4 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00020

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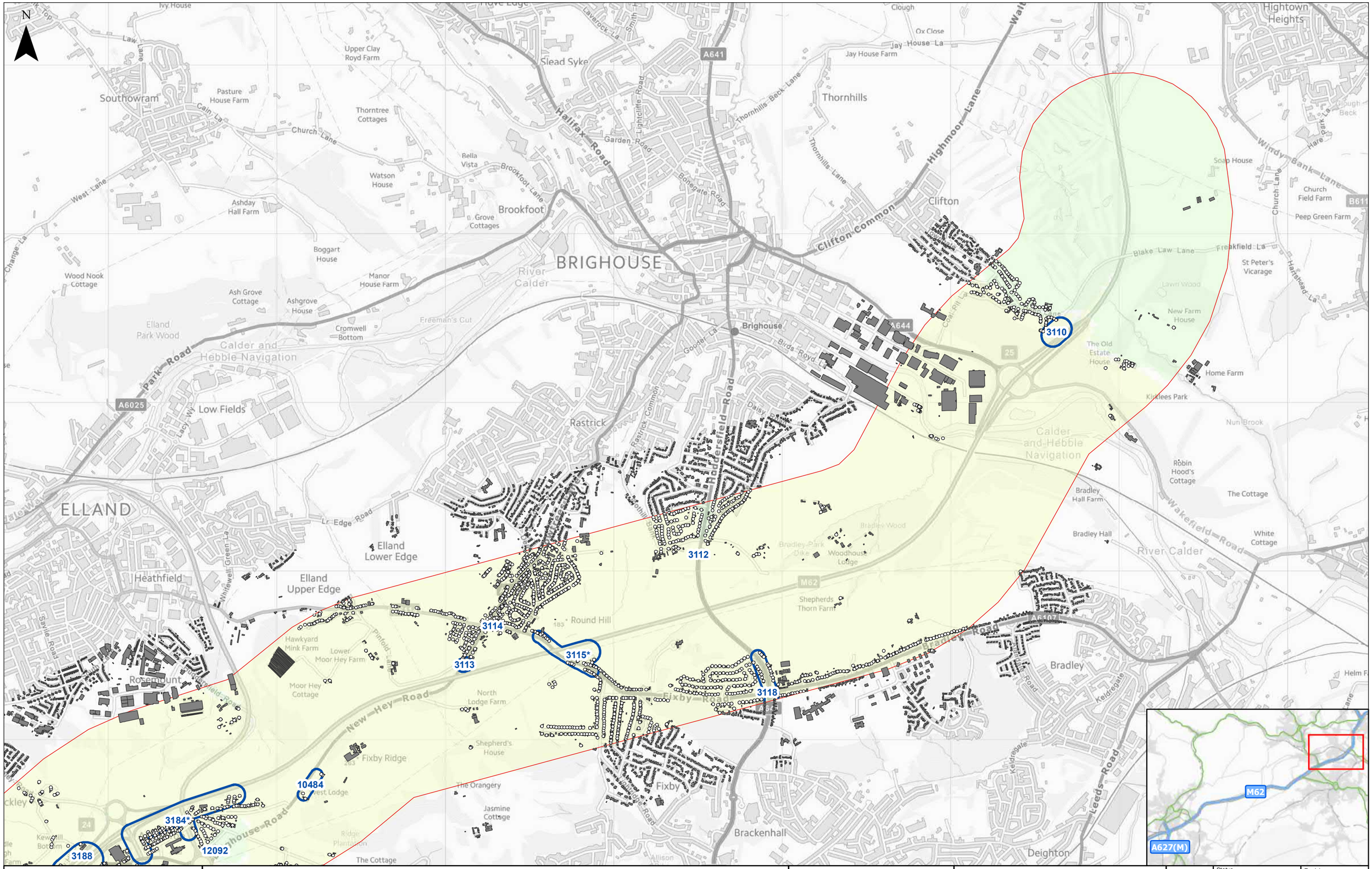

0 500 1,000
Metres

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P02	WIP	14/08/2019	For issue	TS	JA	SW

Key

- Noise Sensitive Receptor
- Existing Noise Barrier
- Buildings
- Noise Calculation Area

DM2039 vs DM2024 Night-time Long-term Change, dB $L_{Aeq,8h}$

- <-10
- -5 - -9.9
- -3 - -4.9
- -0.1 - -2.9
- 0
- 0.1 - 2.9
- 3 - 5
- 5 - 10
- >10

Client: highways england

wsp

Project: **SMART MOTORWAY PROGRAMME M62 Junctions 20 - 25**

Drawing Title: **FIGURE 8.7 NOISE CHANGE CONTOUR PLOTS DO MINIMUM 2039 VS DO MINIMUM 2024 NIGHT-TIME MAP 5 OF 5**

Status: Second Issue		Revision: P02
Scale: 1:20,000		Date: 14/08/2019
Drawn By: TS		
Checked By: JA		
Approved By: SW		
Project No. HE551534	Originator: WSP	Original Size: A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00020

Document Path: \\uk.wspgroup.com\central data\Projects\62241xxx\62241710 - CDF SMP Tranche 5\02 Discipline Inputs\GIS\Mxd\NOISE_62241710_20190814_M62_FIGURE_8_7_NCCP_DM2039_VS_DM2024_NIGHT.mxd

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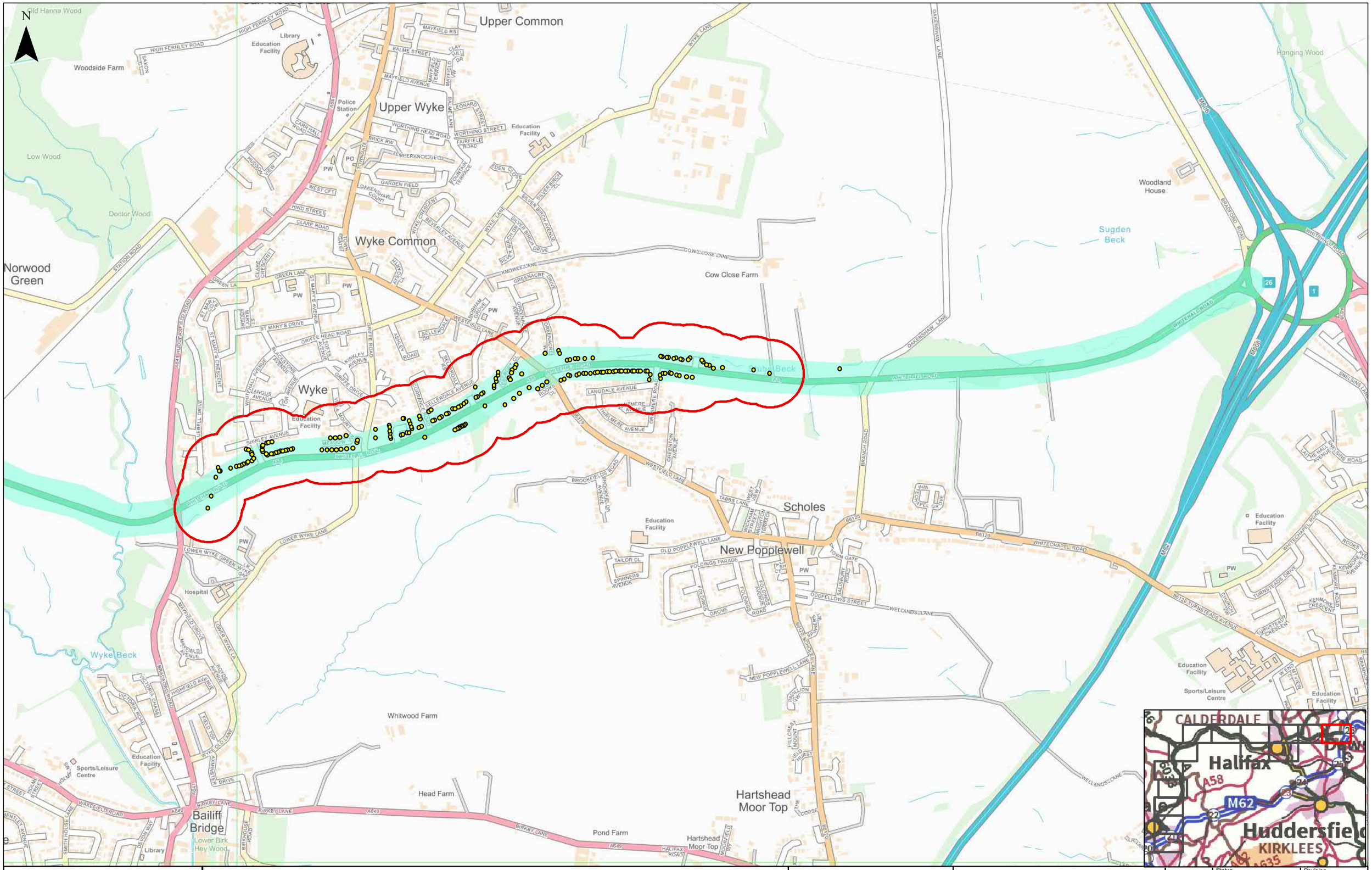

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 1 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number HE551534 — Volume EGN | Location SG | Type DR | Role LE | Number 00036

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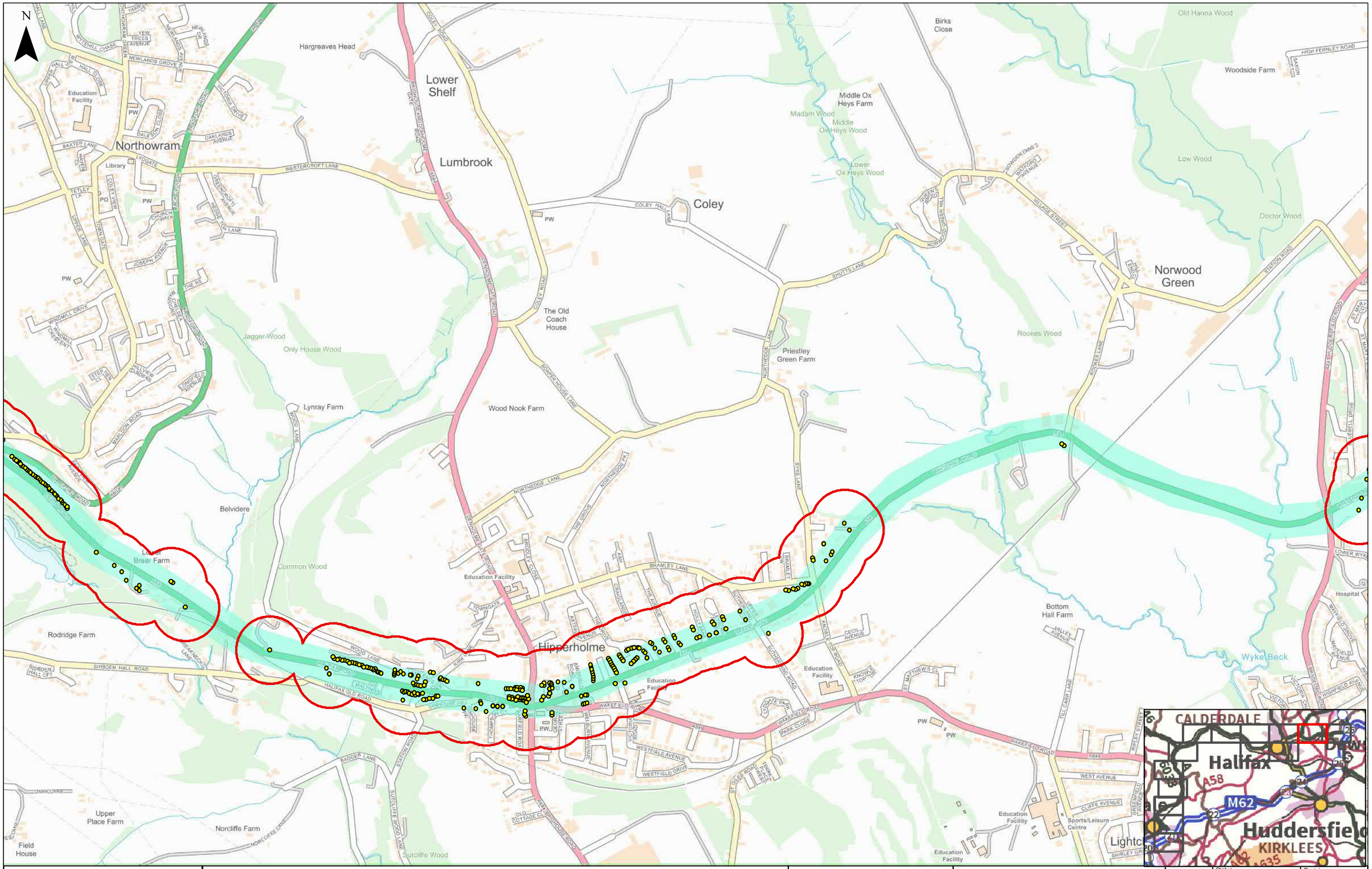

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 2 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00036

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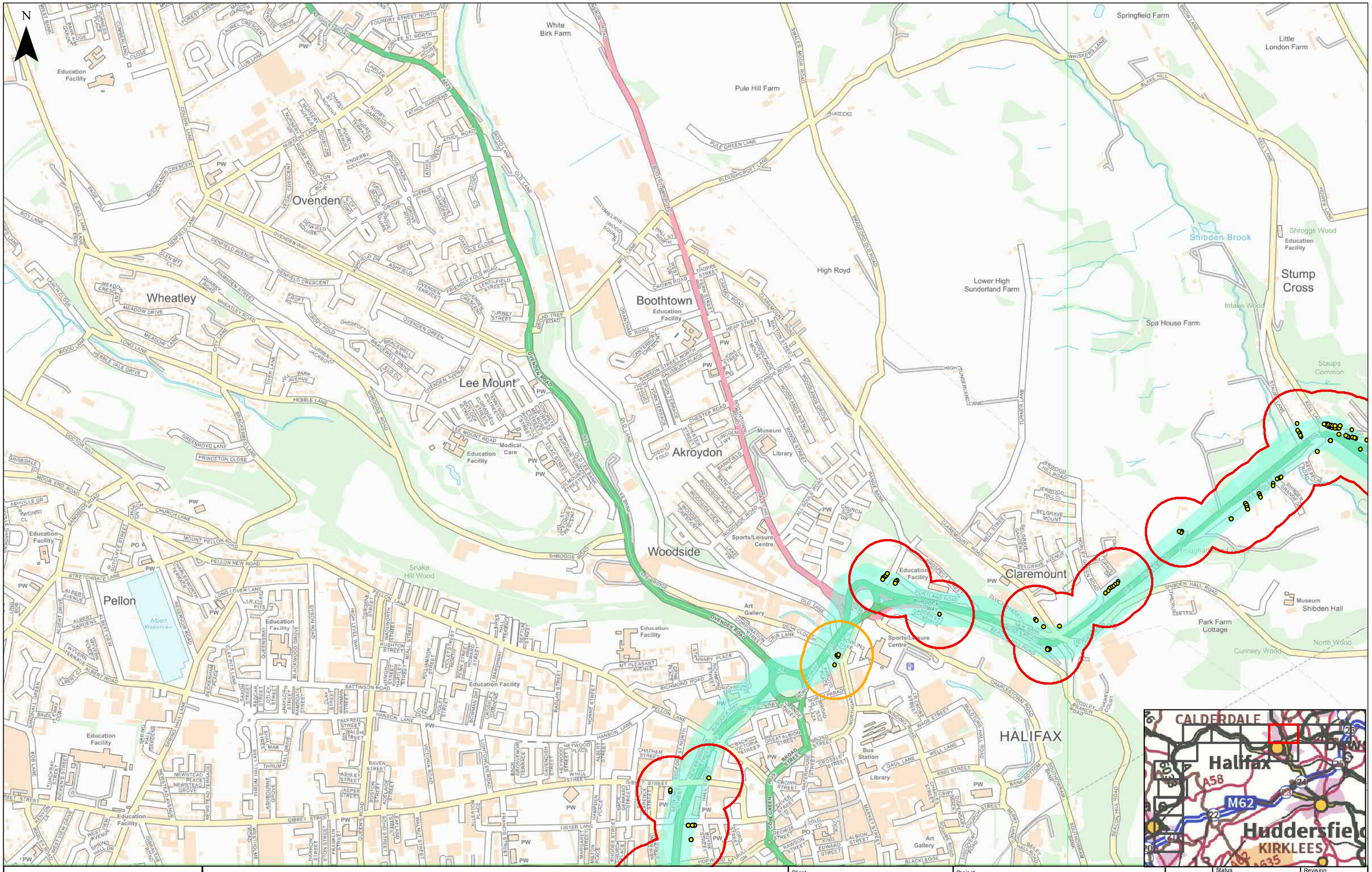

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 3 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00036

Document Path: \\uk.wspgroup.com\central data\Projects\62241xxx\62241710 - CDF SMP Tranche 5\02 Discipline Inputs\GIS\Mxd\190829_Diversion_Routes_Buffers.mxd

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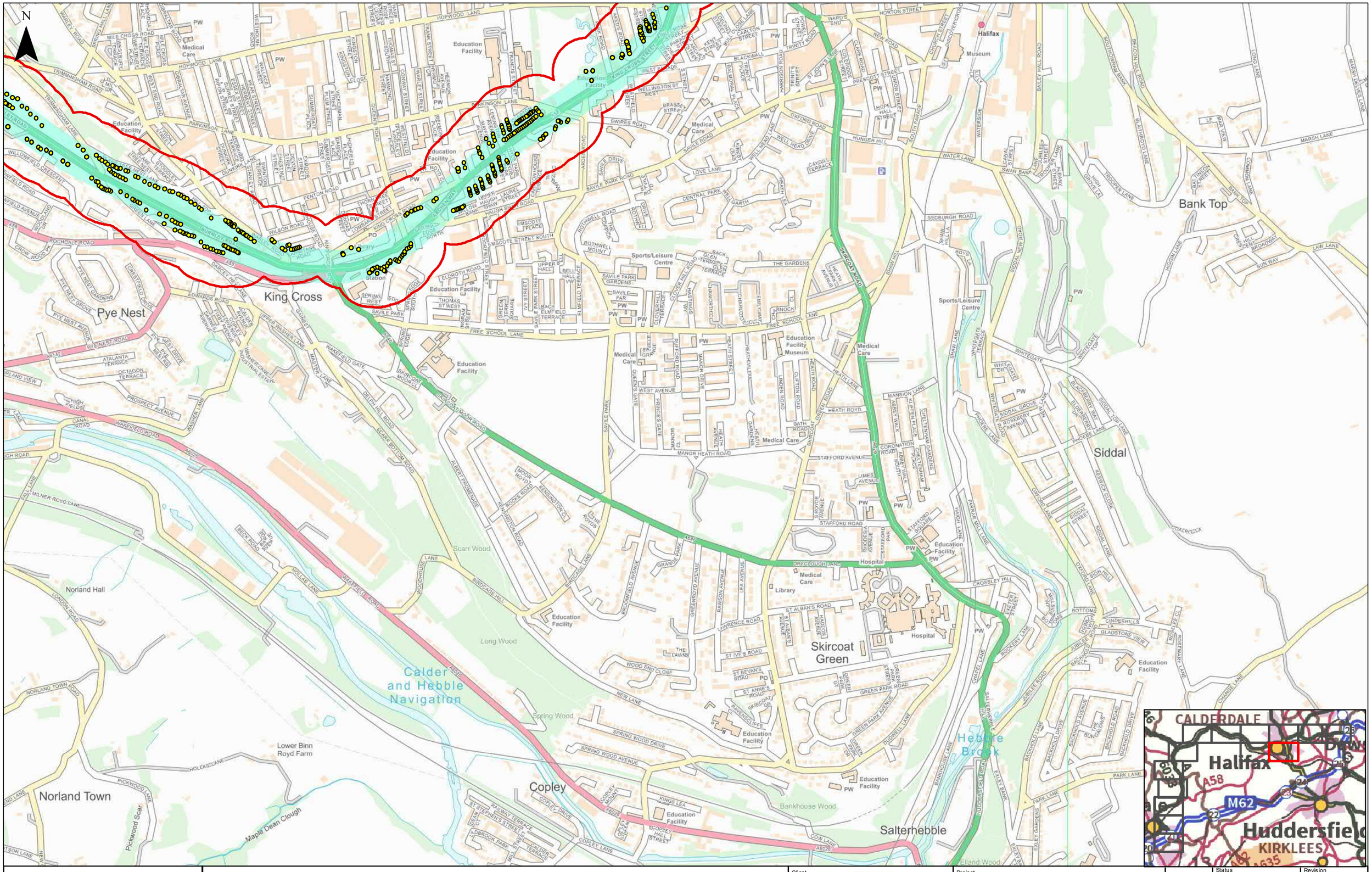

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 4 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00036

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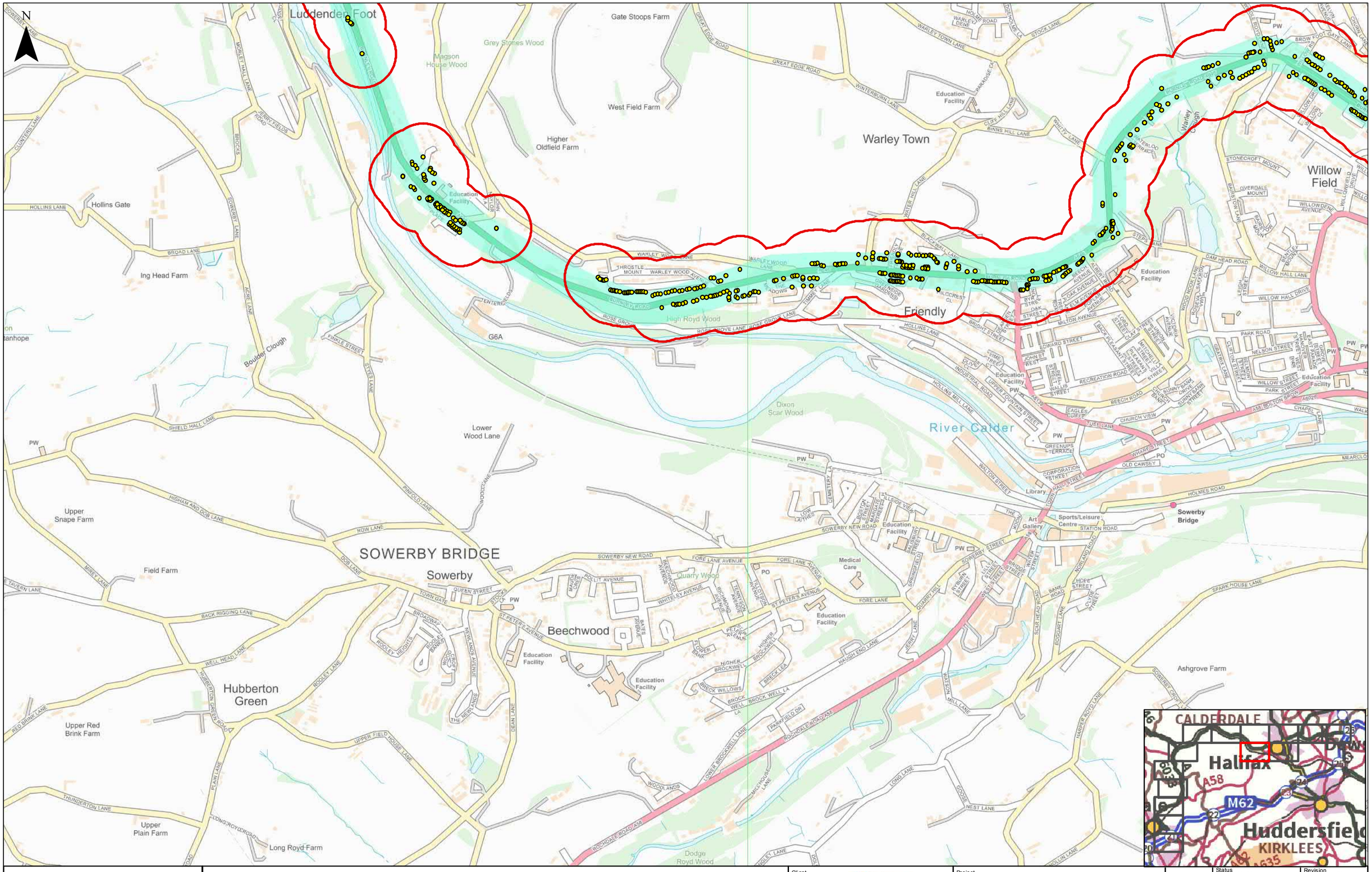

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 5 OF 14**

Status: First Issue		Revision: P01
Scale: 1:10,000		Date: 05/09/2019
Drawn By: CS		
Checked By: MM		
Approved By: DH		
Project No.: HE551534	Originator: WSP	Original Size: A3
Drawing number: HE551534	Volume: EGN / Location: SG	Type: DR / Role: LE / Number: 00036

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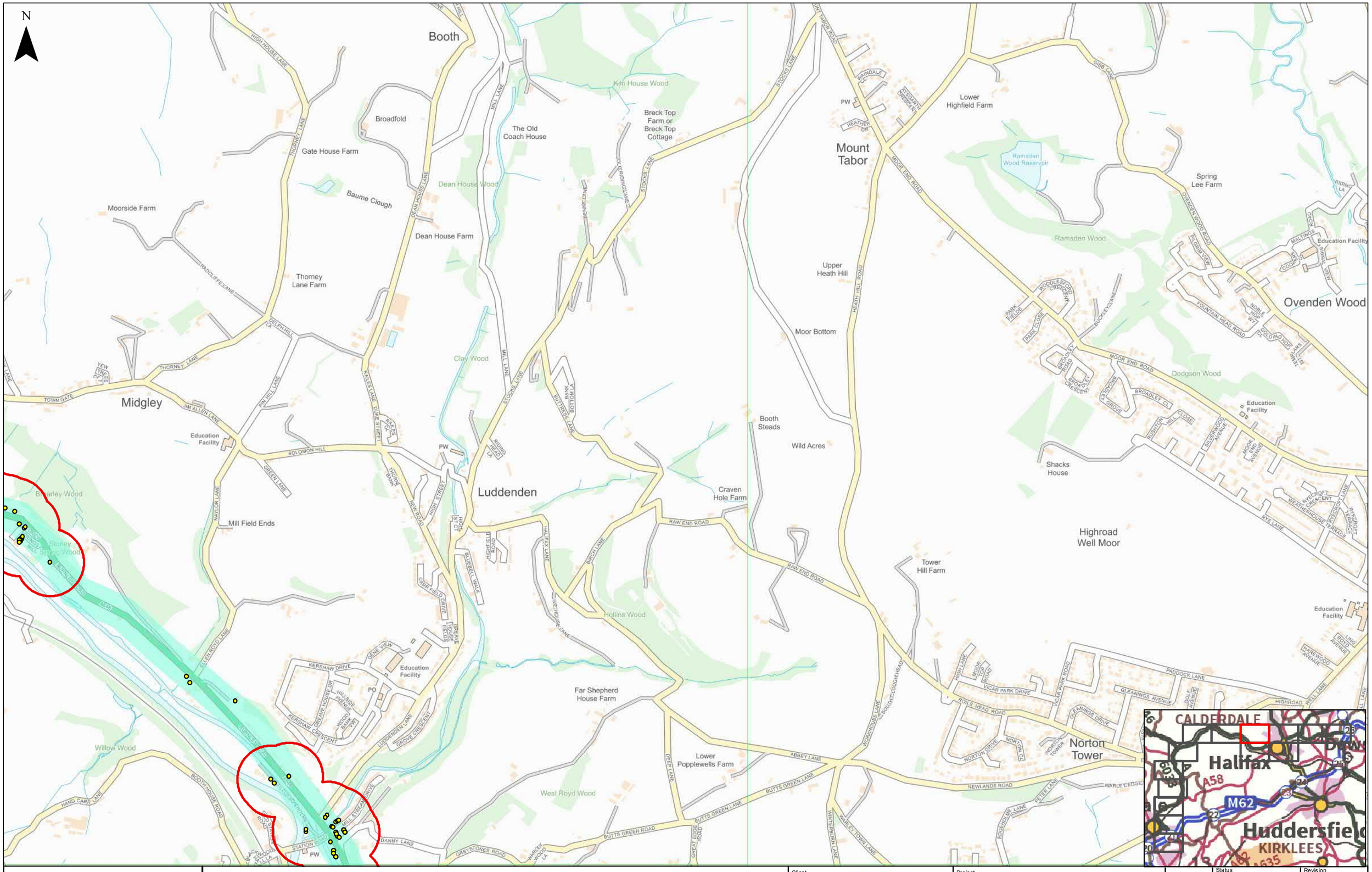

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 6 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	
Original Size	A3		
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00036

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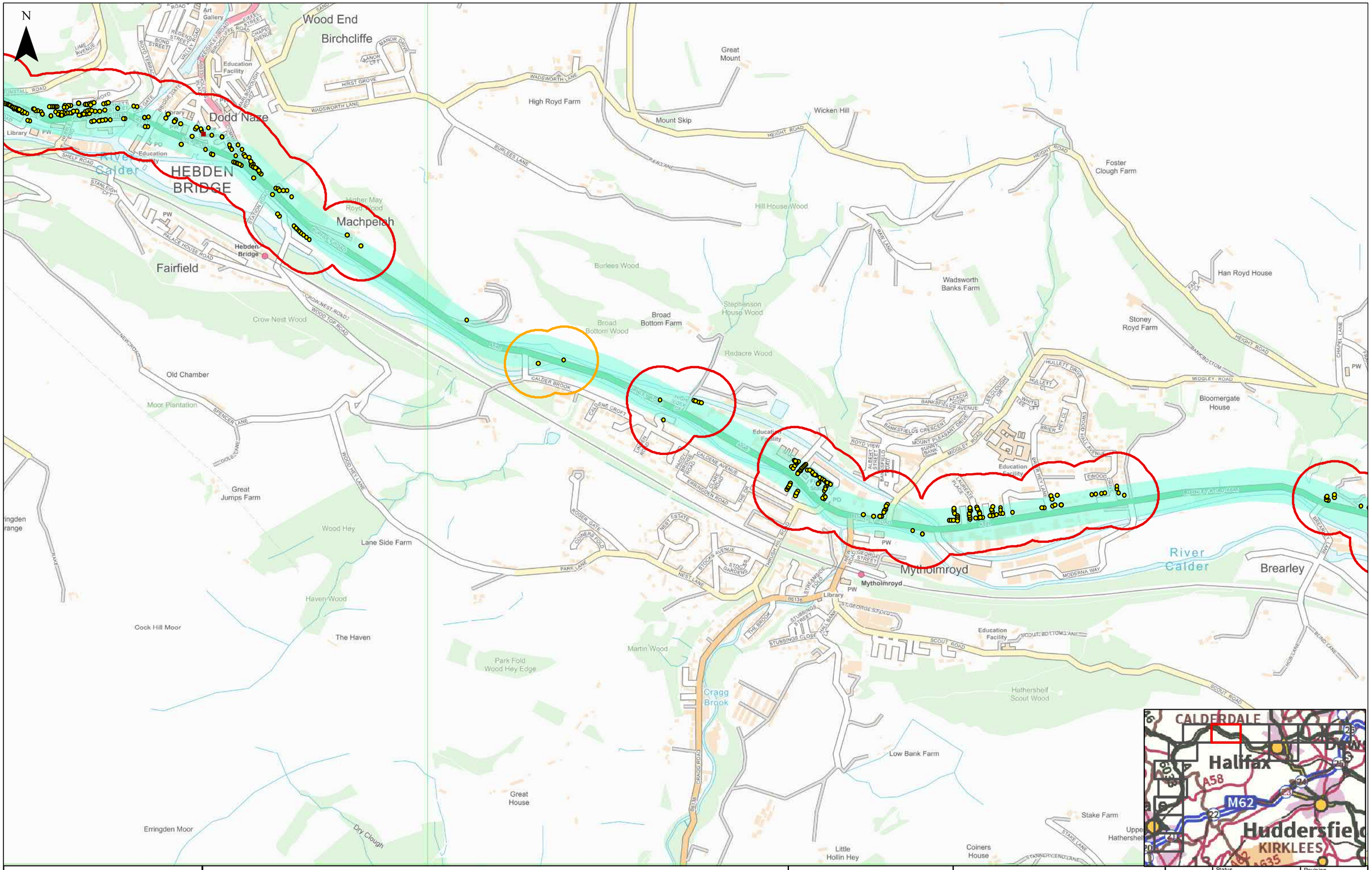

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 7 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00036

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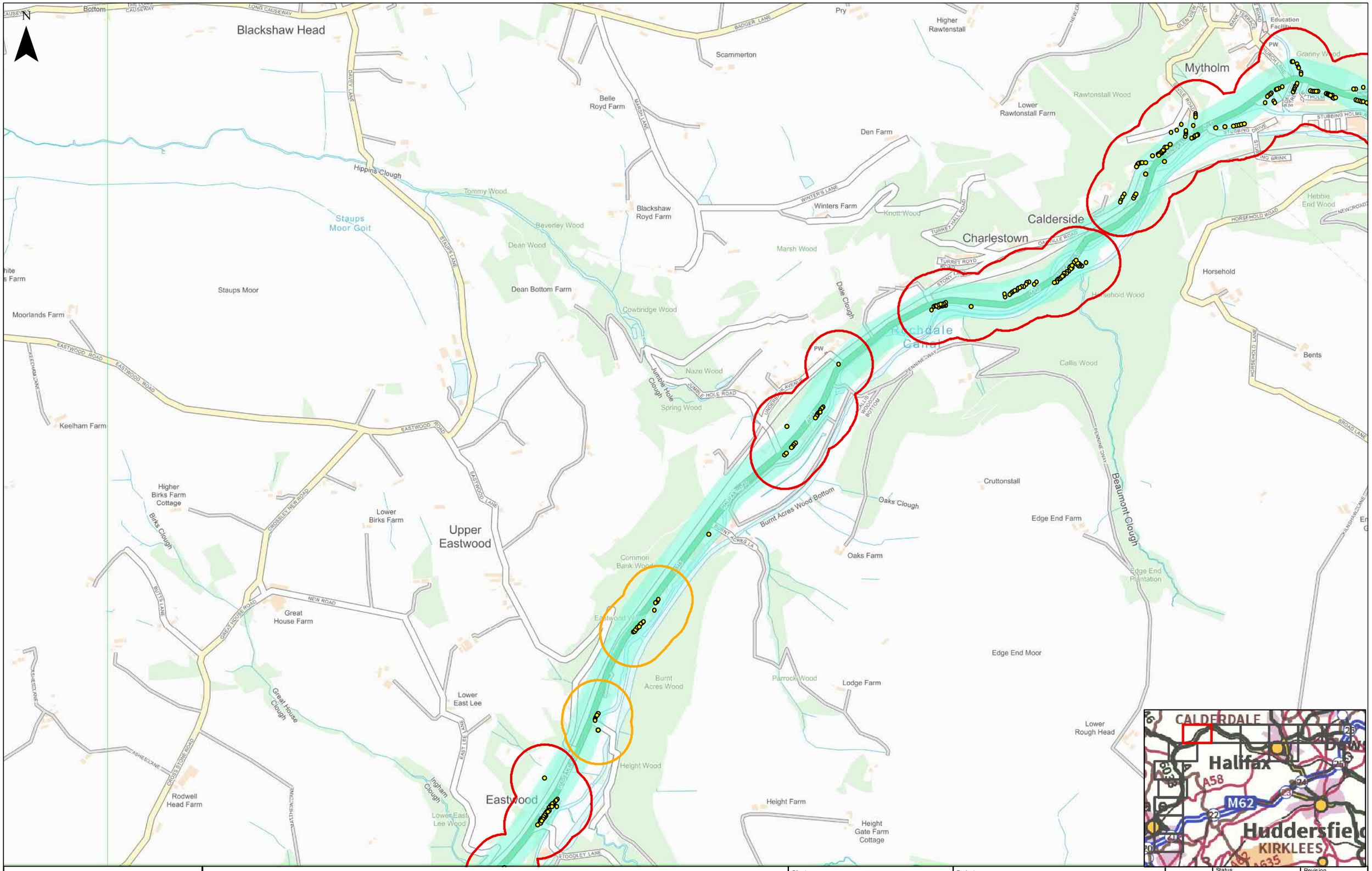

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 8 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No. HE551534	Originator WSP	Original Size	A3
Drawing number HE551534	Volume EGN / Location SG / Type DR / Role LE / Number 00036		

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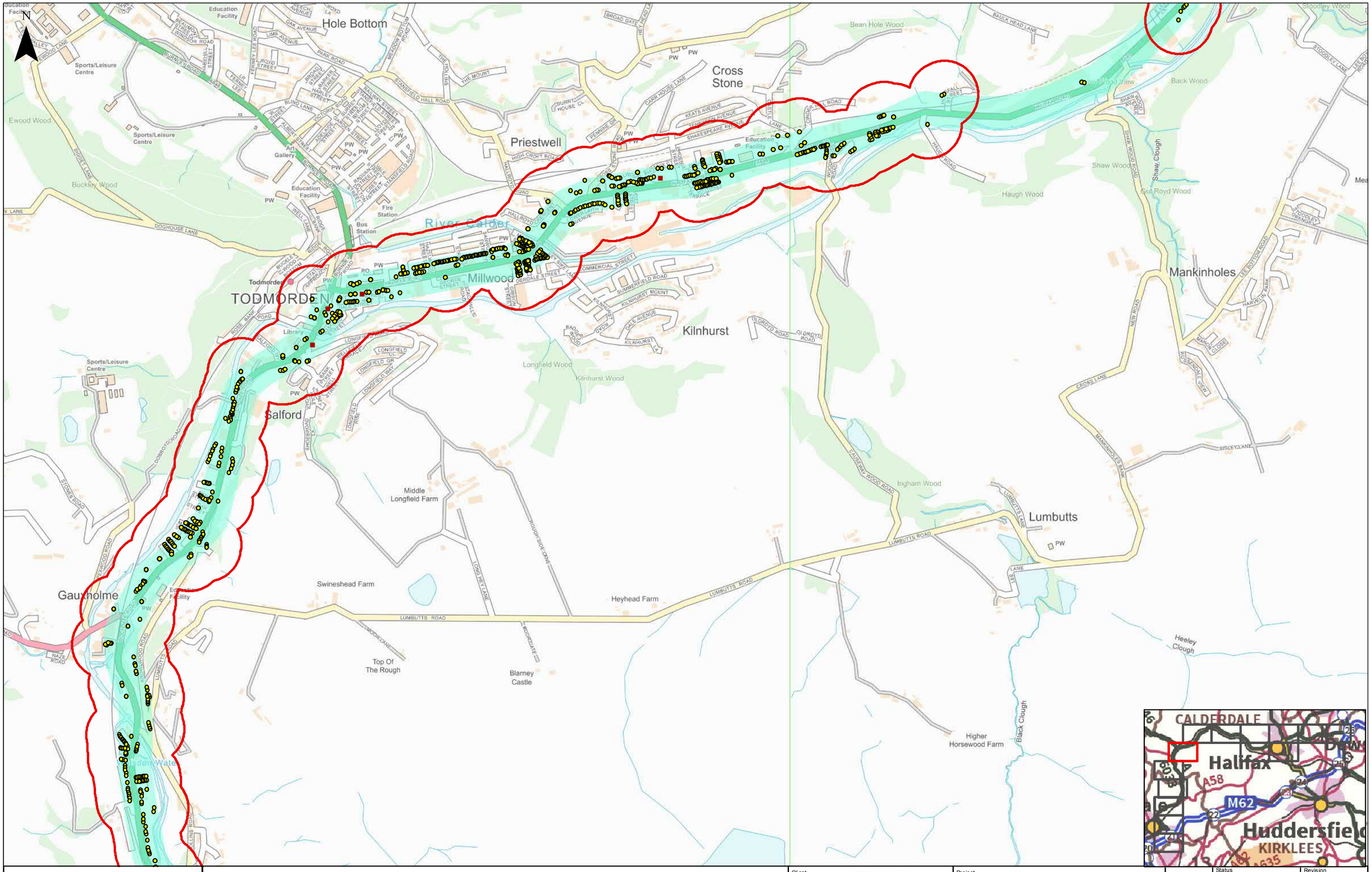

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 9 OF 14**

Status: First Issue		Revision: P01
Scale: 1:10,000		Date 05/09/2019
Drawn By: CS		
Checked By: MM		
Approved By: DH		
Project No. HE551534	Originator WSP	Original Size: A3
Drawing number HE551534	Volume EGN / Location SG	Type DR / Role LE / Number 00036

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N

Inchfield Moor

eeholds Top

Pasture Side Wood

Pasture Side Farm

Walsden

Henshaw Wood

Spring Wood

Fir Wood

Heys Farm

Knowsley Wood

Walsden

Beggar's Wood

Birks Wood

Brown Road Farm

FOUL CLOUGH ROAD

INCHFIELD ROAD

Red Clough

Pot Oven

Stonely Barn Farm

Higher Ditches

Lower Ditches

Ramsden Clough

Ramsden Wood

Ragby Plantation

Bank Wood

Plantation Barn

Ramsden Clough Reservoir

Strines Wood

RAMSDEN WOOD ROAD

Ramsden Farm

White Slack Clough

Jack Wood

Bottomley

Sun Wood

Clumber Wood

Moorhey Wood

Higher Allescholes Cottage

Cranberry Dam

Friezland

Bankhey Wood

Rough Hill

Moor Hey Farm

Noon Hill

Moorhey Clough

Moorhey Flat

Far Ends

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 10 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00036

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N

Shore Moor
Brick Holes Clough
Crook Hill
Crook Moor
TRANSDENE ROAD
Turn Slack Clough
Blue Pot Brook
Hills Clough
Dearden's Pasture
Far Hey Head
Near Hey Head Farm
Long Clough
HEYHEAD LANE
CALDERBROOK ROAD
Hill Top Farm
Higher Shore Wood
Heights Farm
PW
High Lea
Reddyshore
BOULGATE
Stanor Bottom Farm
Owler Clough
Light Hazzles Farm
Pasture House
HIGHER CALDERBROOK
MOOR ROAD
STANSFIELD HILL
MILL LANE
Summit
TIMBERCLIFFE
Timbercliffe
FROBISHER ROAD
DRAKE ROAD
BARNS MEADOWS
Education Facility
Calderbrook
Sladen Fold
CALDERDALE
Halifax
A58
M62
Huddersfield
KIRKLEES

0 125 250 375 500
Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: M62 J20-25 SMART MOTORWAY

Drawing Title: FIGURE 8.8 AREA 12 ROUTECARD PAGE 11 OF 14

	Status: First Issue	Revision: P01	
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No. HE551534	Originator WSP	Original Size	A3
Drawing number HE551534	Volume EGN / Location SG / Type DR / Role LE / Number 00036		

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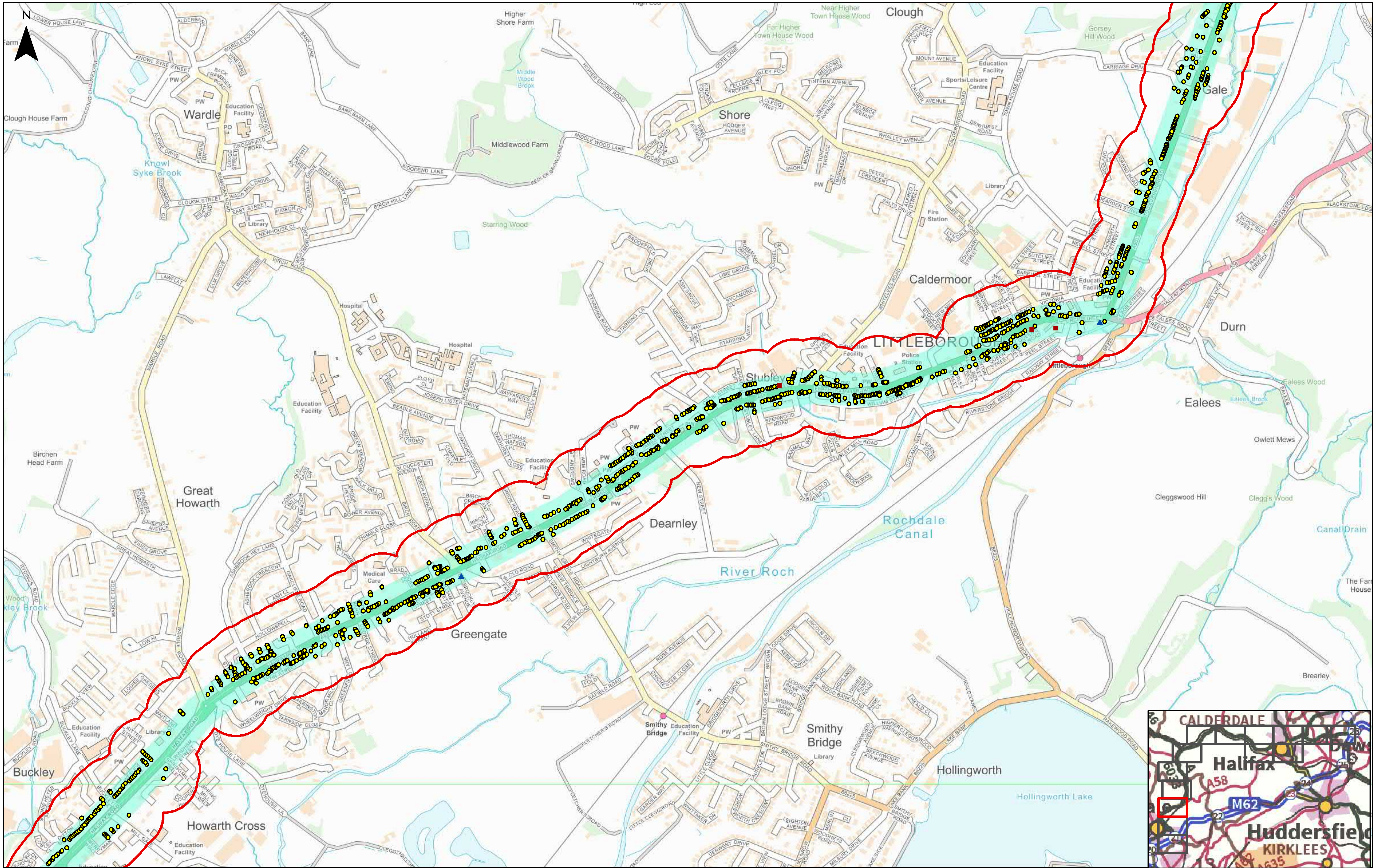

		05/09/2019				
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

0 125 250 375 500

Meters

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title:
FIGURE 8.8
AREA 12 ROUTECARD
PAGE 12 OF 14

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume / Location	Type / Role	Number
HE551534	EGN / SG	DR / LE	00036

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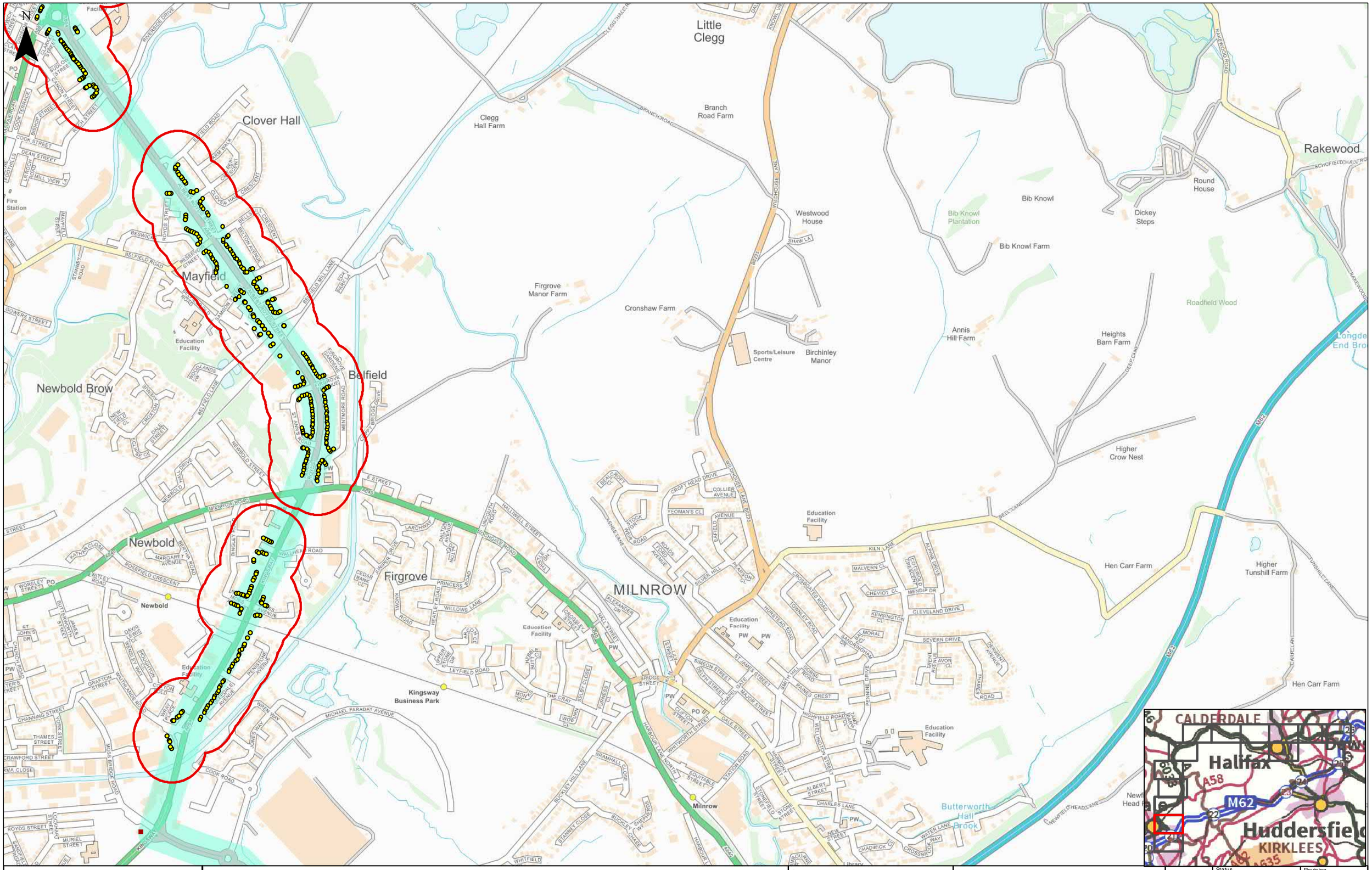

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: M62 J20-25 SMART MOTORWAY

Drawing Title: FIGURE 8.8 AREA 12 ROUTECARD PAGE 13 OF 14

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
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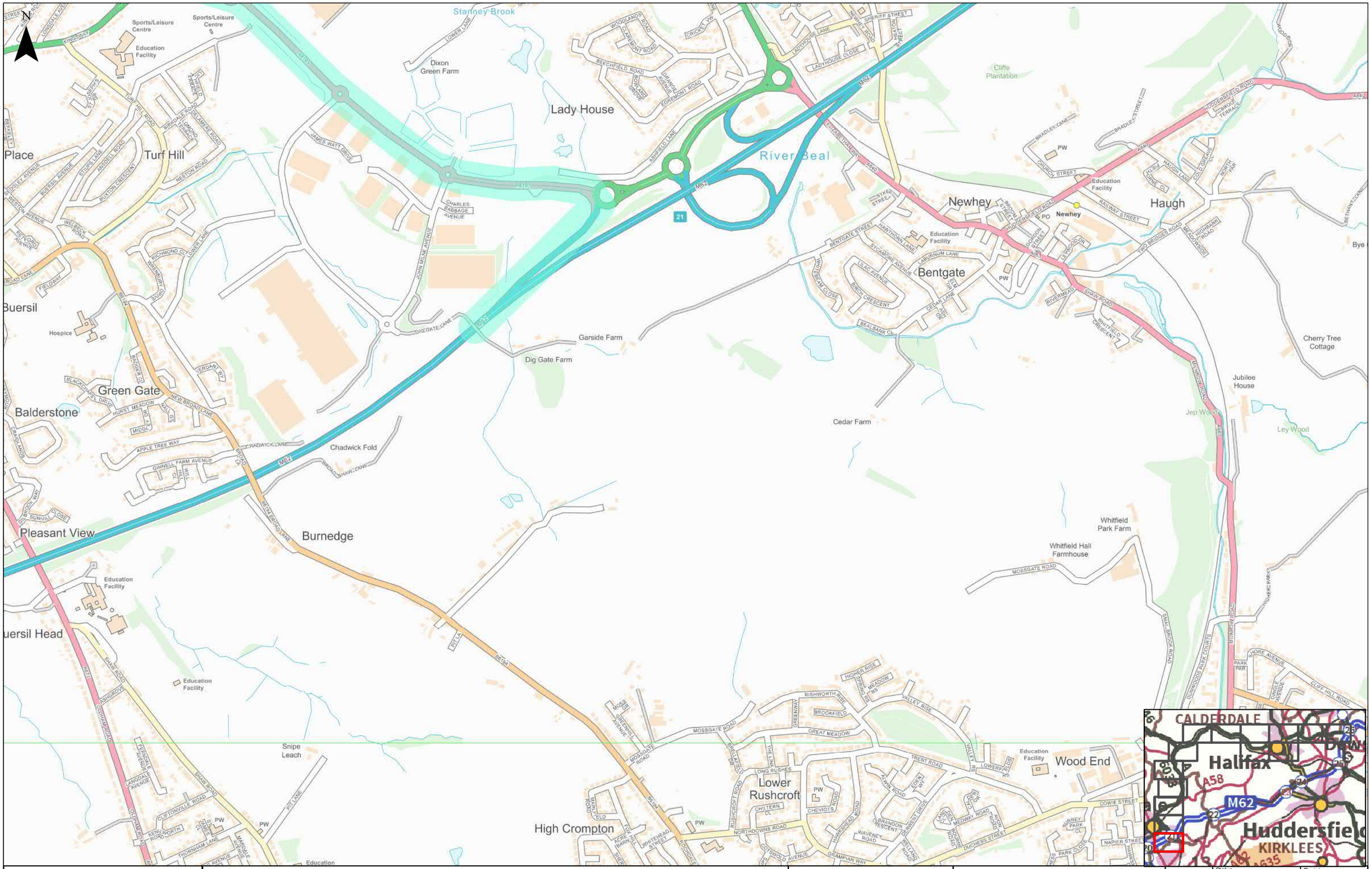

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Diversion
- Area 12 Routecard

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.8 AREA 12 ROUTECARD PAGE 14 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00036

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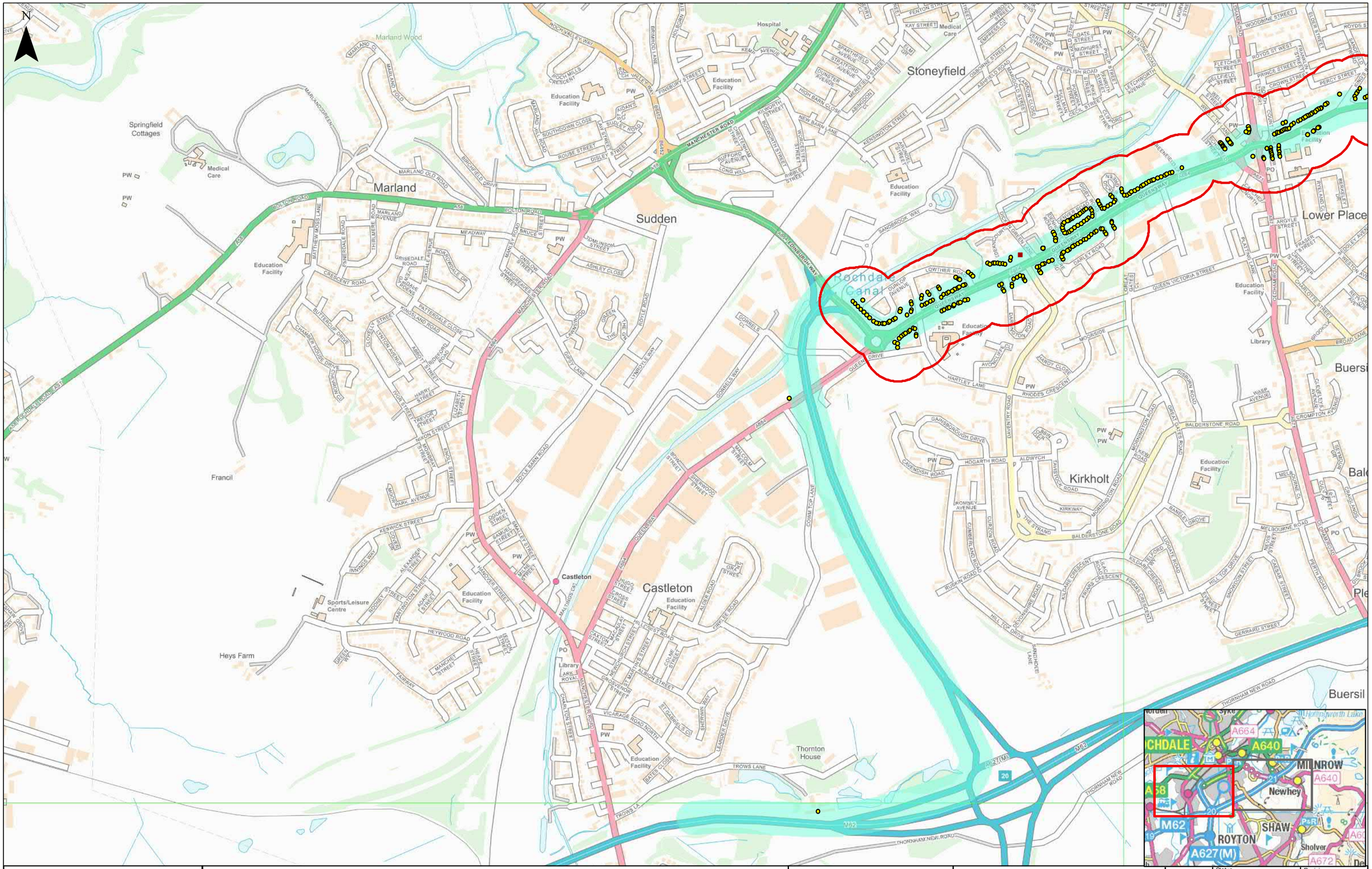

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J20 21 E

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.9 DIVERSION J20 21 E PAGE 1 OF 2**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00037

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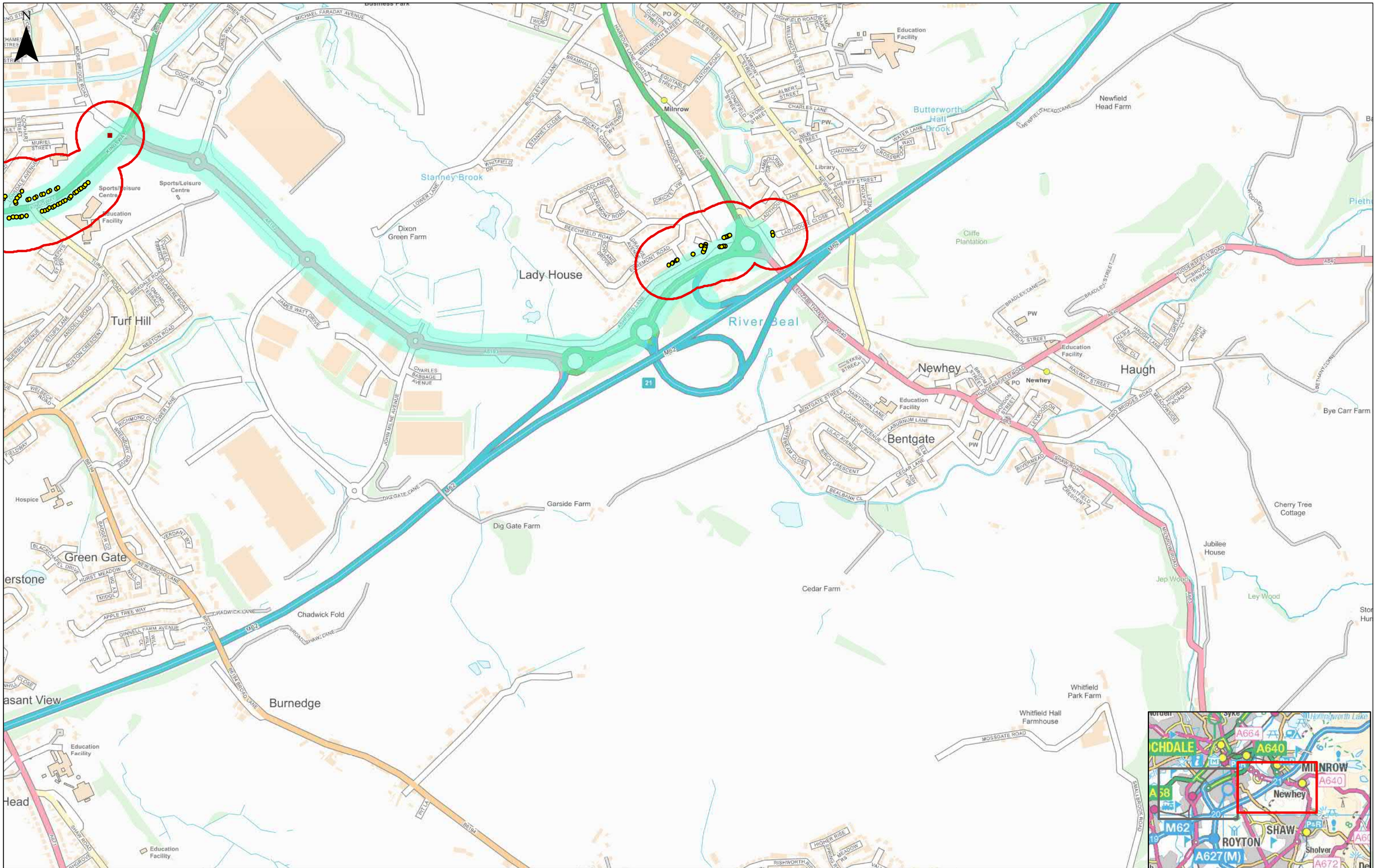

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J20 21 E

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.9 DIVERSION J20 21 E PAGE 2 OF 2**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00037

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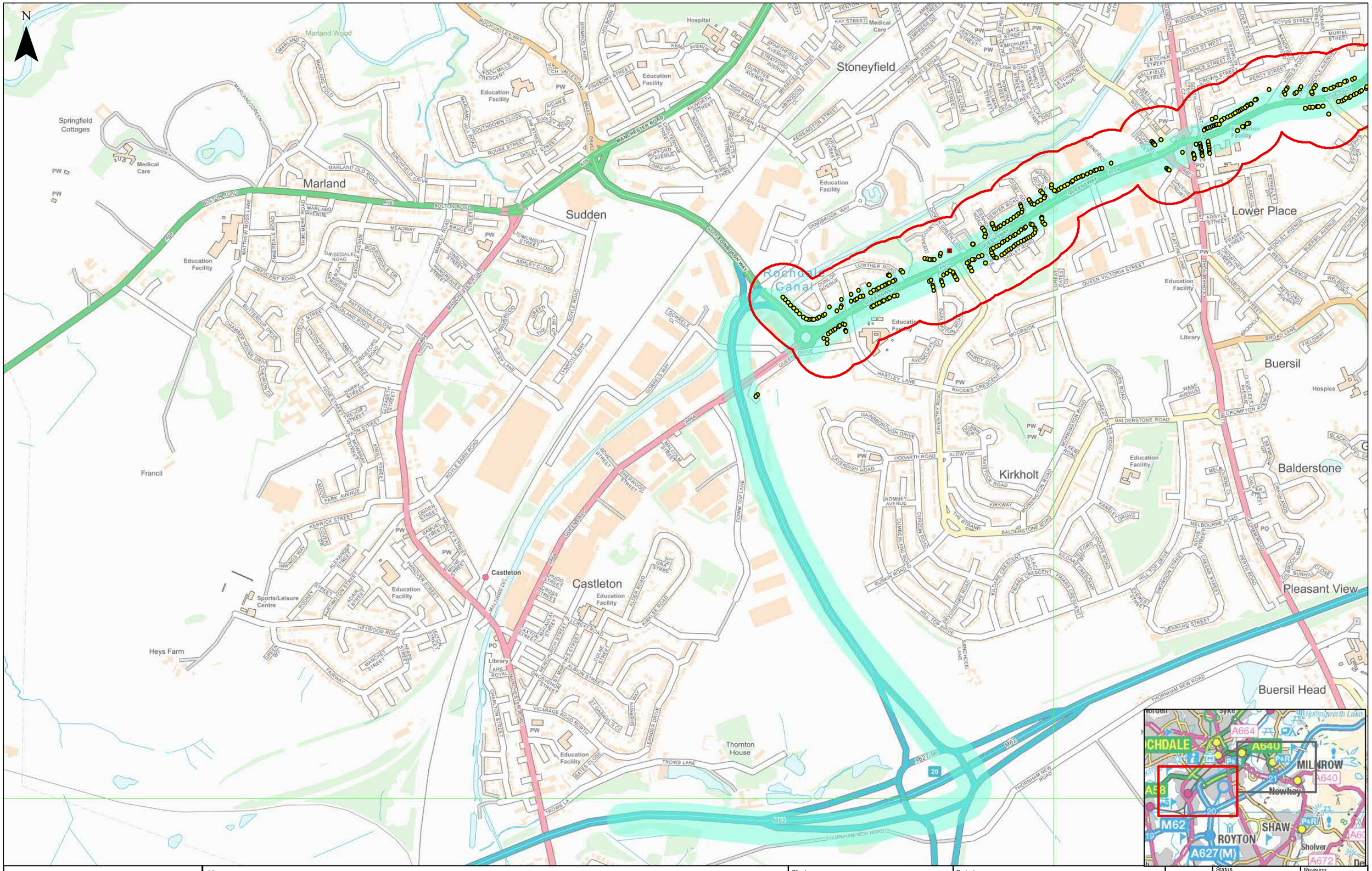

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J21 20 W

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.10 DIVERSION J21 20 W PAGE 1 OF 2**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00038

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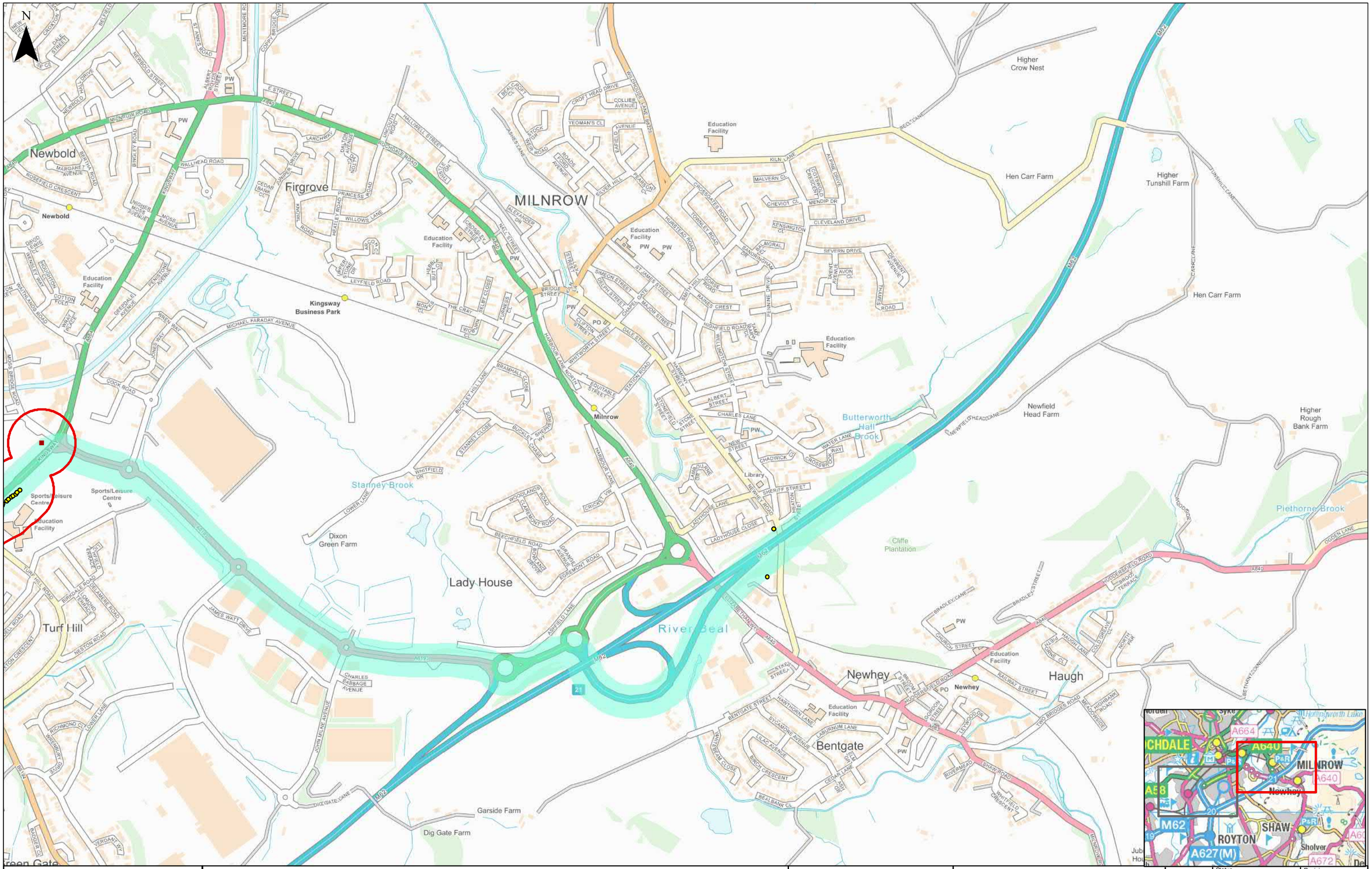

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J21 20 W

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.10 DIVERSION J21 20 W PAGE 2 OF 2**

Status	First Issue	Revision P01
Scale	1:10,000	Date 05/09/2019
Drawn By	CS	
Checked By	MM	
Approved By	DH	
Project No. HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN / Location SG	Type DR / Role LE / Number 00038

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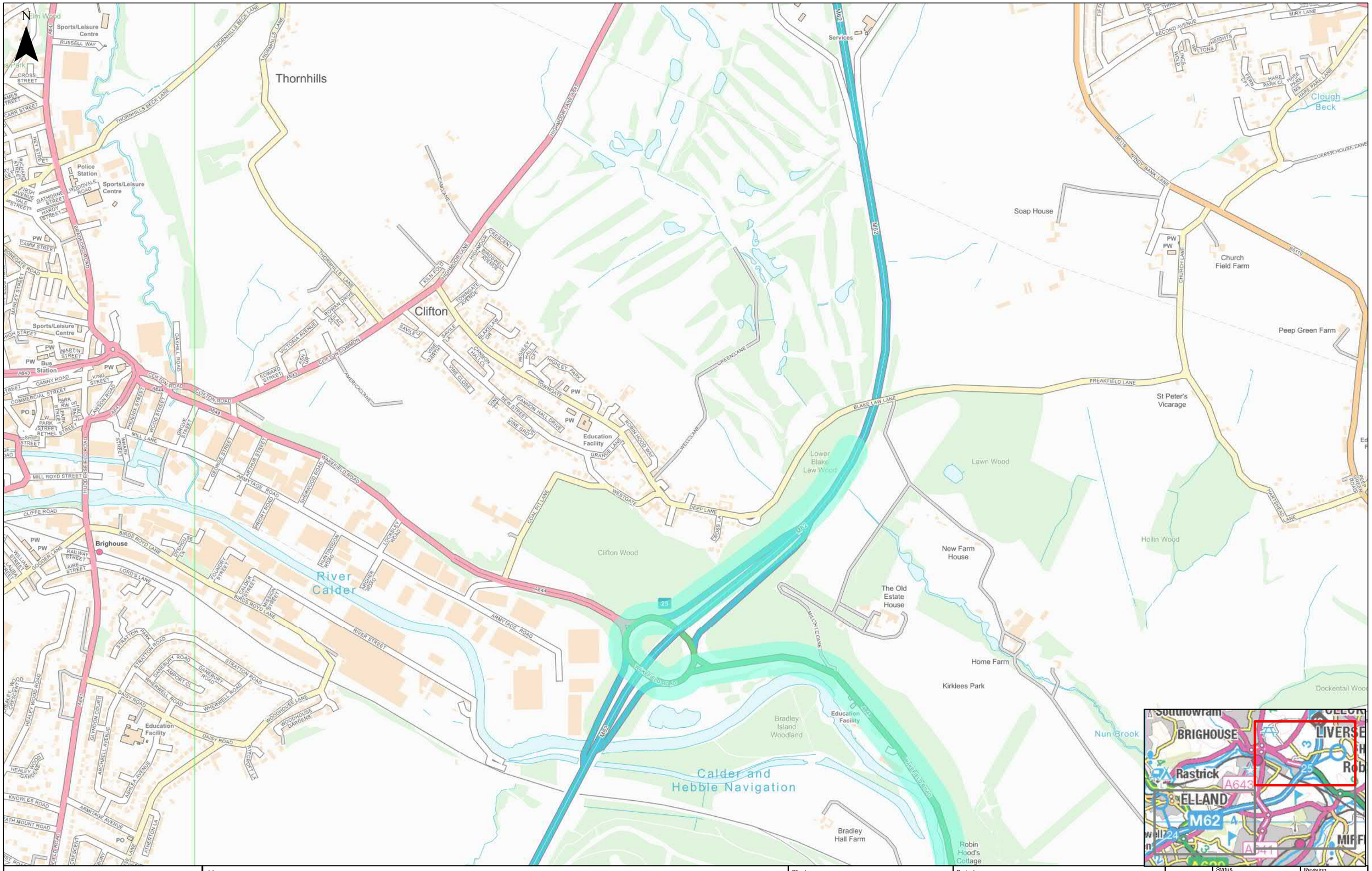

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Diversion
- Diversion J24 25 E

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.11 DIVERSION J24 25 E**

PAGE 1 OF 3

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No. HE551534	Originator WSP	Original Size	A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00039

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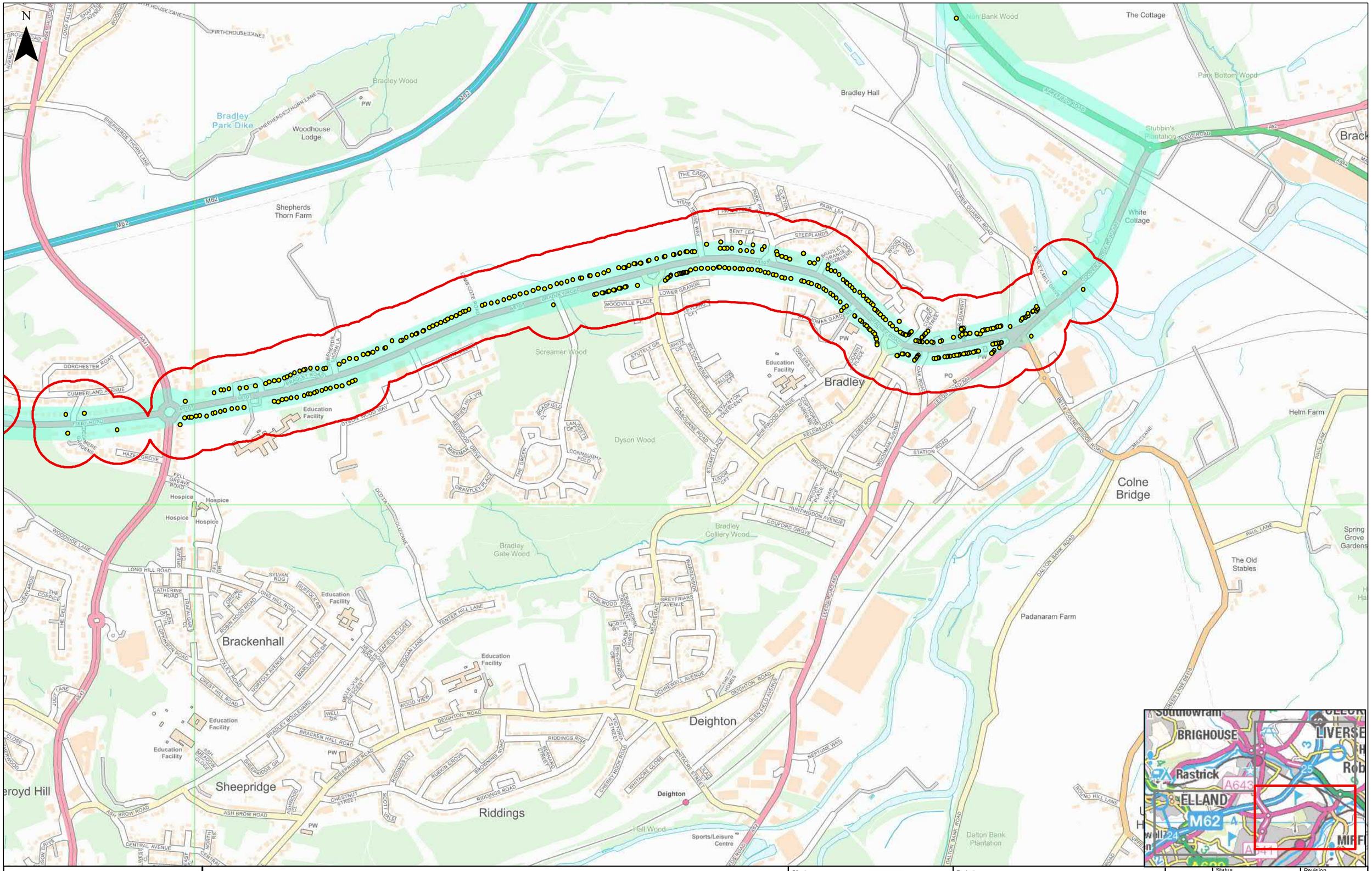

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J24 25 E

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.11 DIVERSION J24 25 E PAGE 2 OF 3**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume	Location	Type / Role / Number
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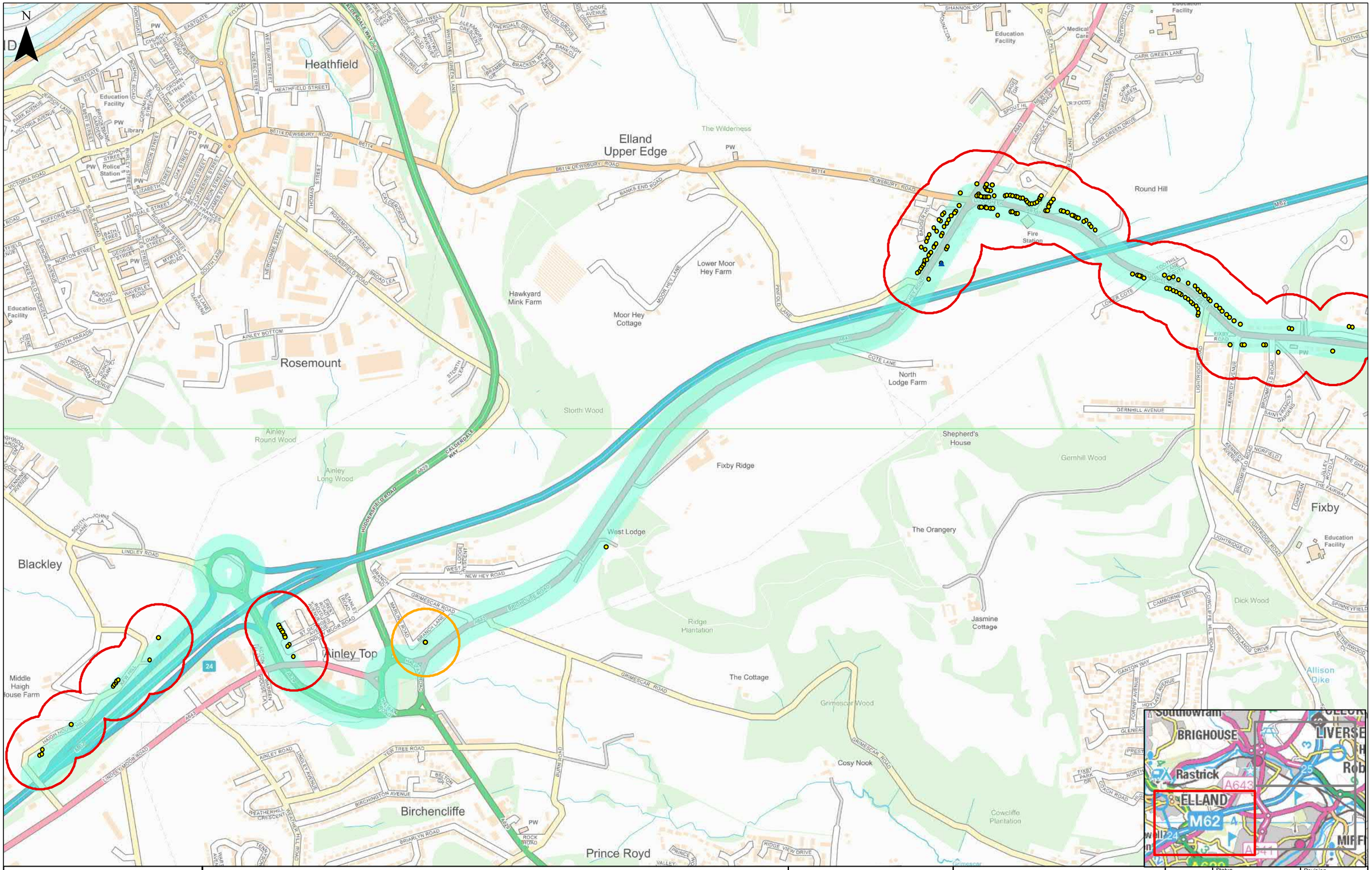

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Diversion J24 25 E

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.11 DIVERSION J24 25 E PAGE 3 OF 3**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00039
HE551534			

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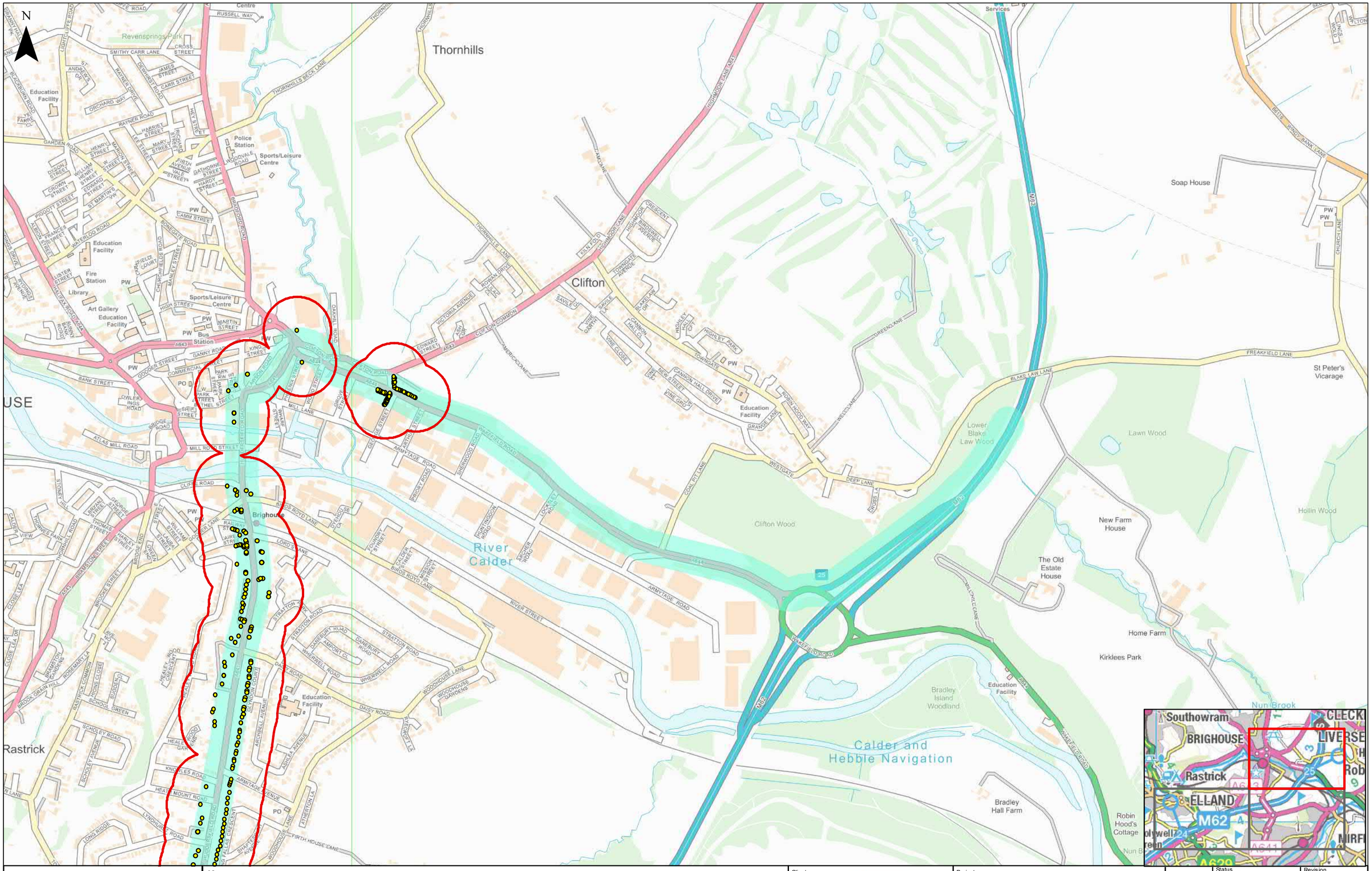

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J24 25 E HGV

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.12 DIVERSION J24 25 E HGV PAGE 1 OF 3**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00040

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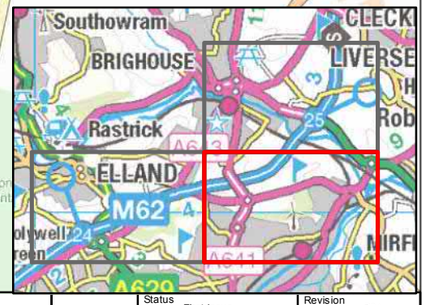
N

Bradley Wood
Bradley Park Dike
Woodhouse Lodge
Bradley Hall
Stubbin's Plantation
White Cottage
Shepherds Thorn Farm
Screamer Wood
Education Facility
Bradley
Dyson Wood
Colne Bridge
Bradley Colliery Wood
Bradley Gate Wood
Fixby
Brackenhall
Padanaram Farm
Dick Wood
Deighton
Heaton Hall Farm
Allison Dike
Netheroyd Hill
Sheepridge
Riddings
Cowcliffe
Hall Wood
Sports/Leisure Centre



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J24 25 E HGV

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.12 DIVERSION J24 25 E HGV PAGE 2 OF 3**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00040

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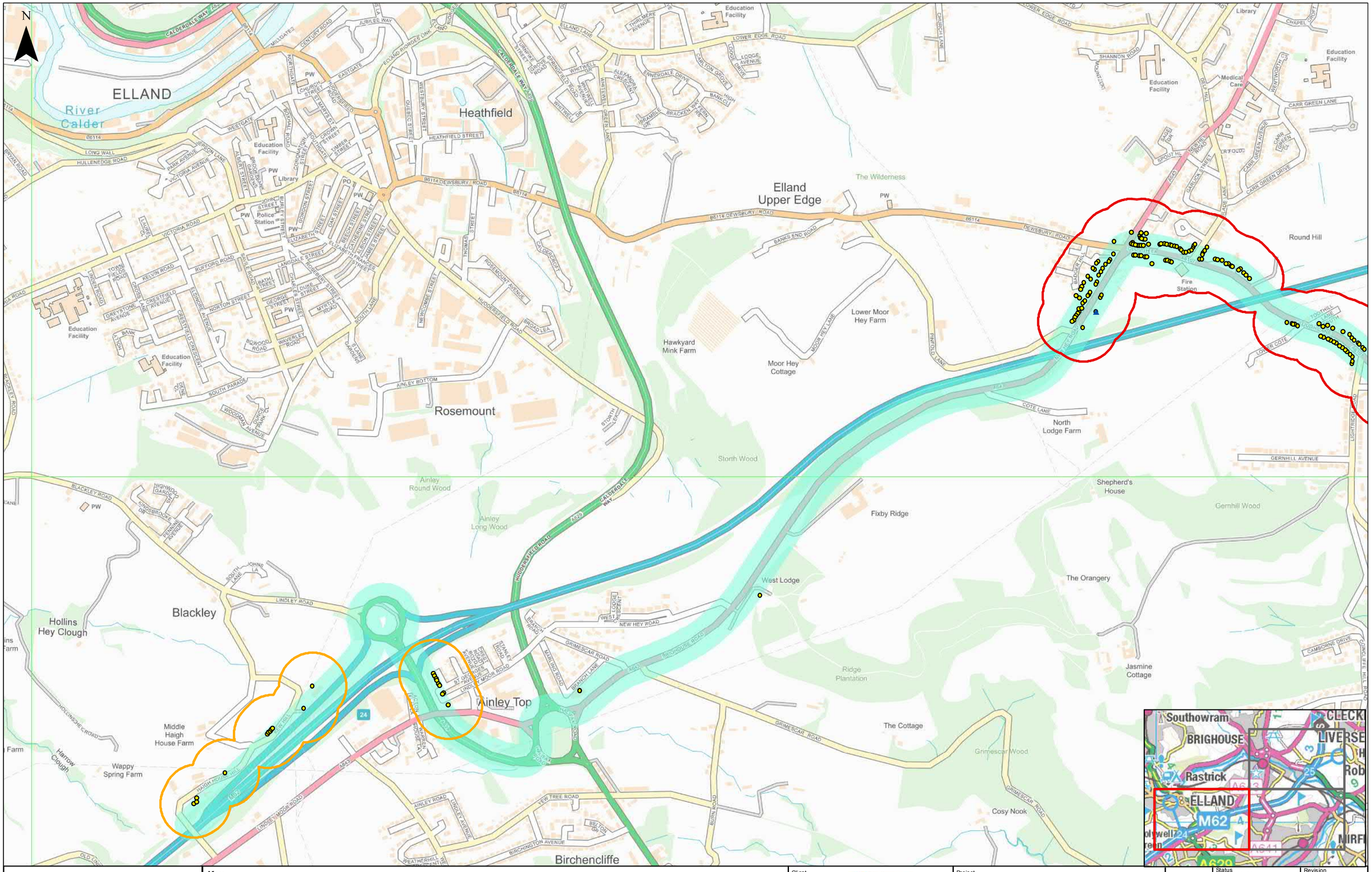

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Diversion J24 25 E HGV

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.12 DIVERSION J24 25 E HGV PAGE 3 OF 3**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00040
HE551534			

Document Path: \\uk.wspgroup.com\central data\Projects\62241xxx\62241710 - CDF SMP Tranche 5\02 Discipline Inputs\GIS\Mxd\190829_Diversion_Routes_Buffers.mxd

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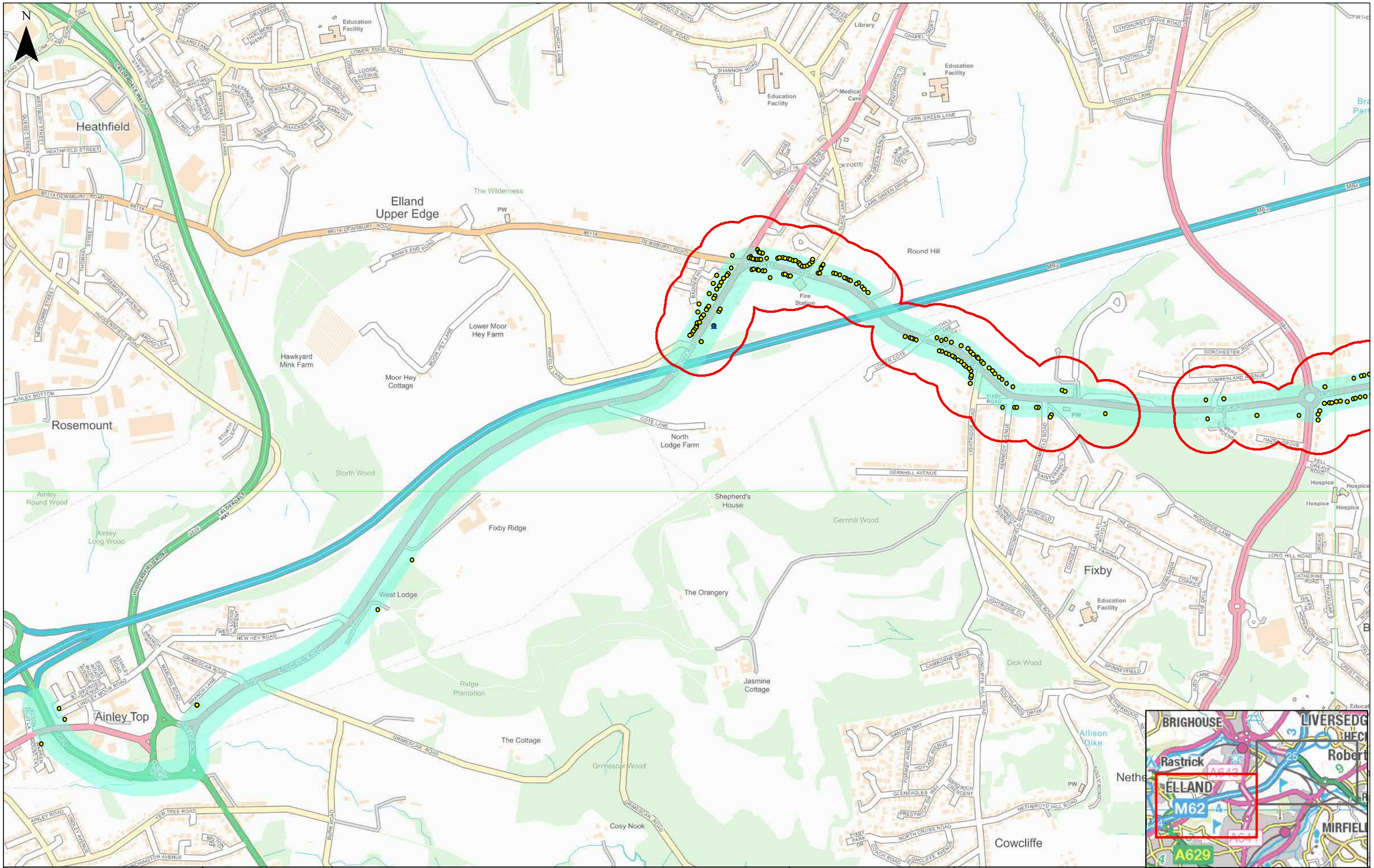

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J25 24 W

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.13 DIVERSION J25 24 W PAGE 1 OF 2**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator	WSP
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00041

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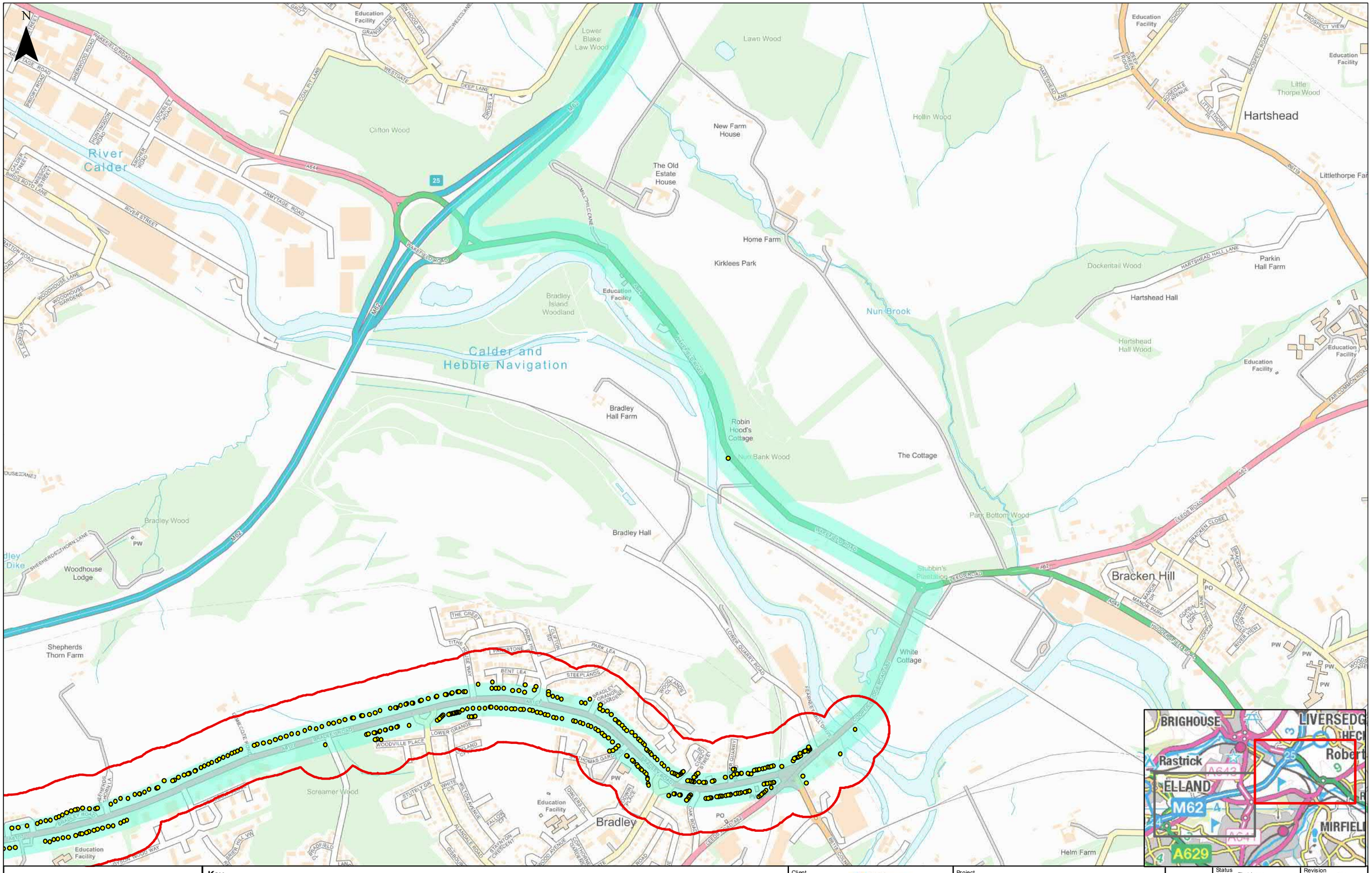

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J25 24 W

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.13 DIVERSION J25 24 W PAGE 2 OF 2**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00041

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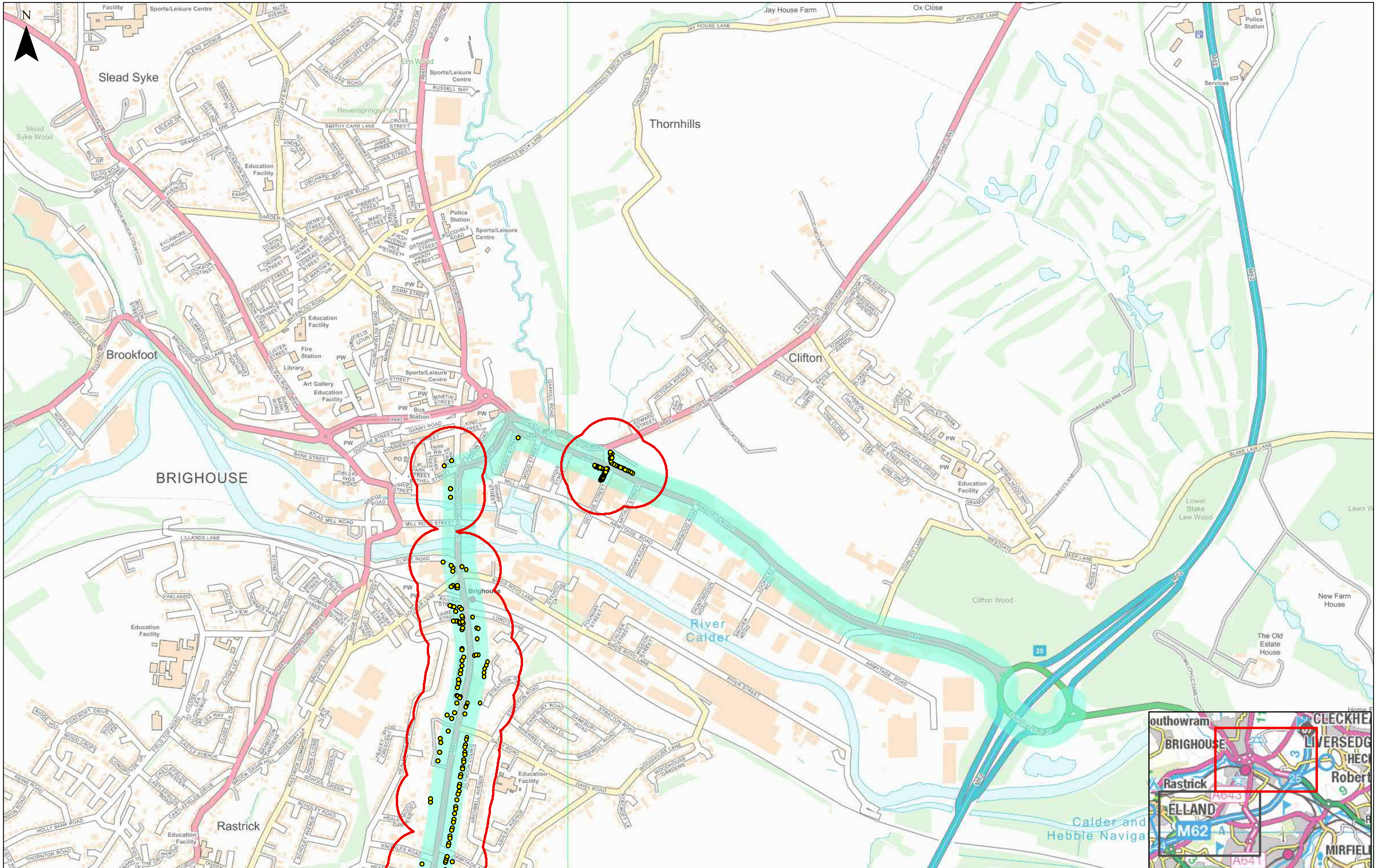

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J25 24 W HGV

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.14 DIVERSION J25 24 W HGV PAGE 1 OF 2**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator	WSP
Original Size	A3		

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00042

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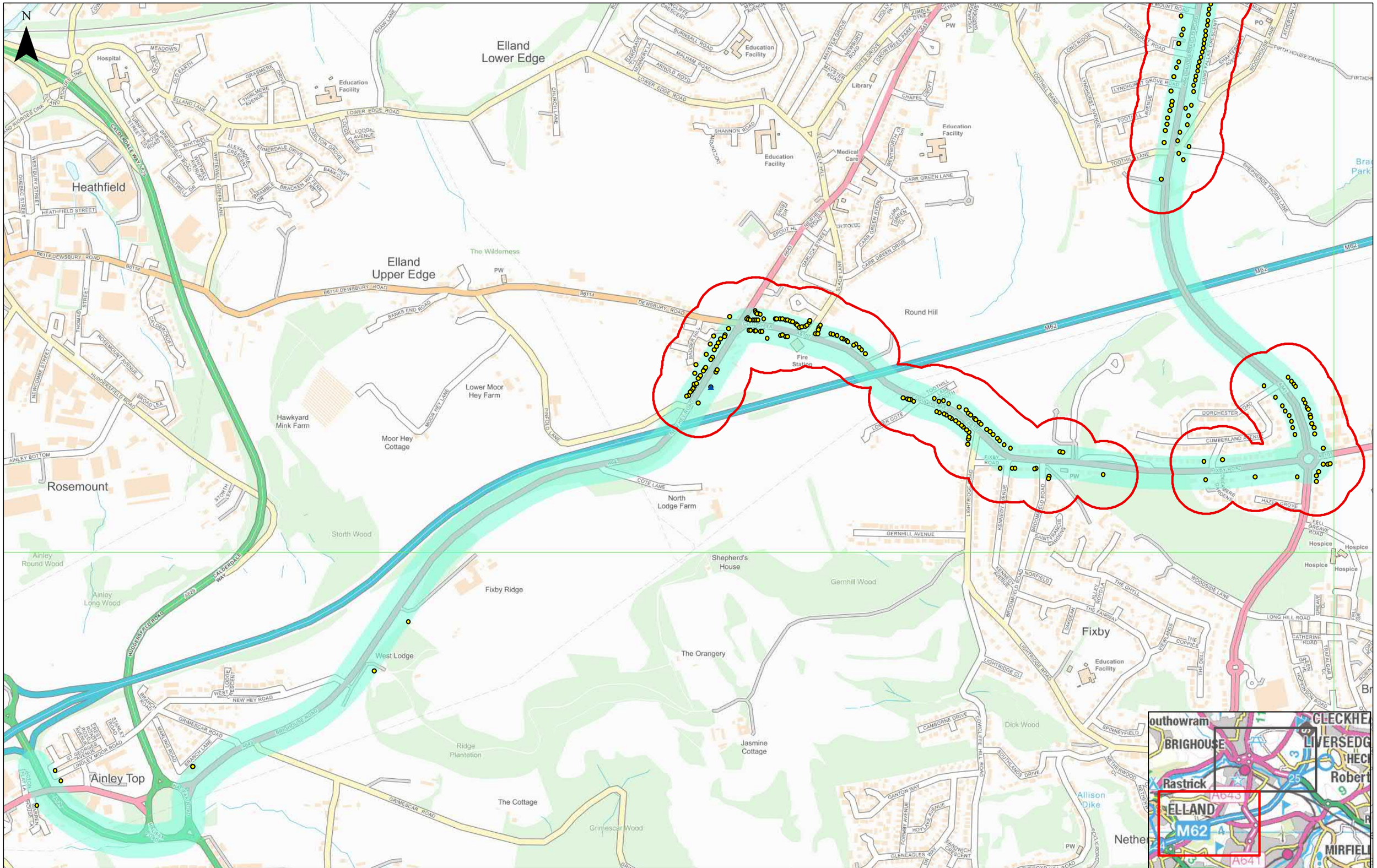

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Diversion J25 24 W HGV

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.14 DIVERSION J25 24 W HGV PAGE 2 OF 2**

Status	First Issue	Revision P01
Scale	1:10,000	Date 05/09/2019
Drawn By	CS	
Checked By	MM	
Approved By	DH	
Project No.	HE551534	Originator WSP
Original Size	A3	

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00042

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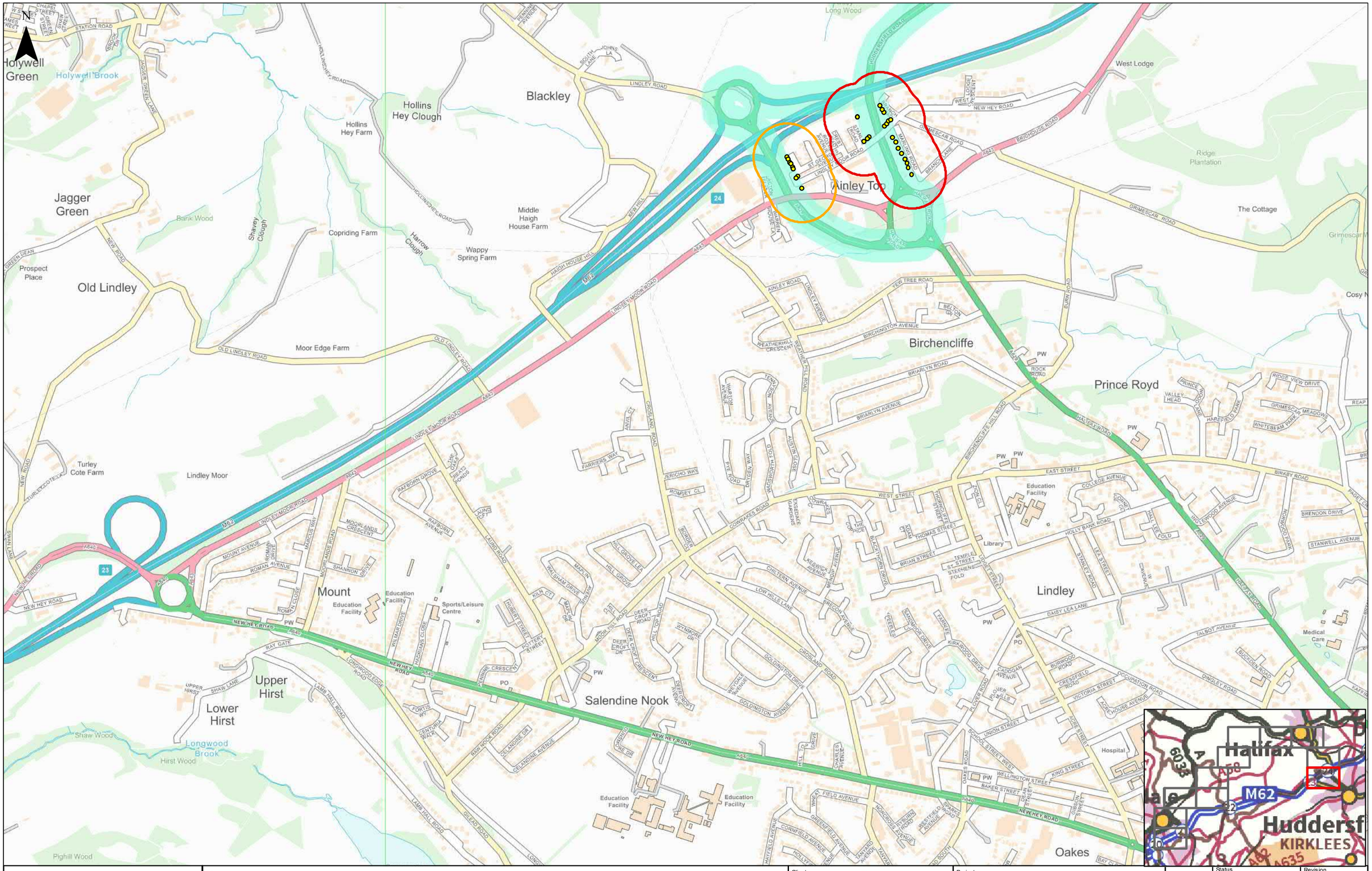

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 1 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No. HE551534	Originator WSP	Original Size	A3
Drawing number HE551534	Volume EGN / Location SG	Type DR / Role LE	Number 00043

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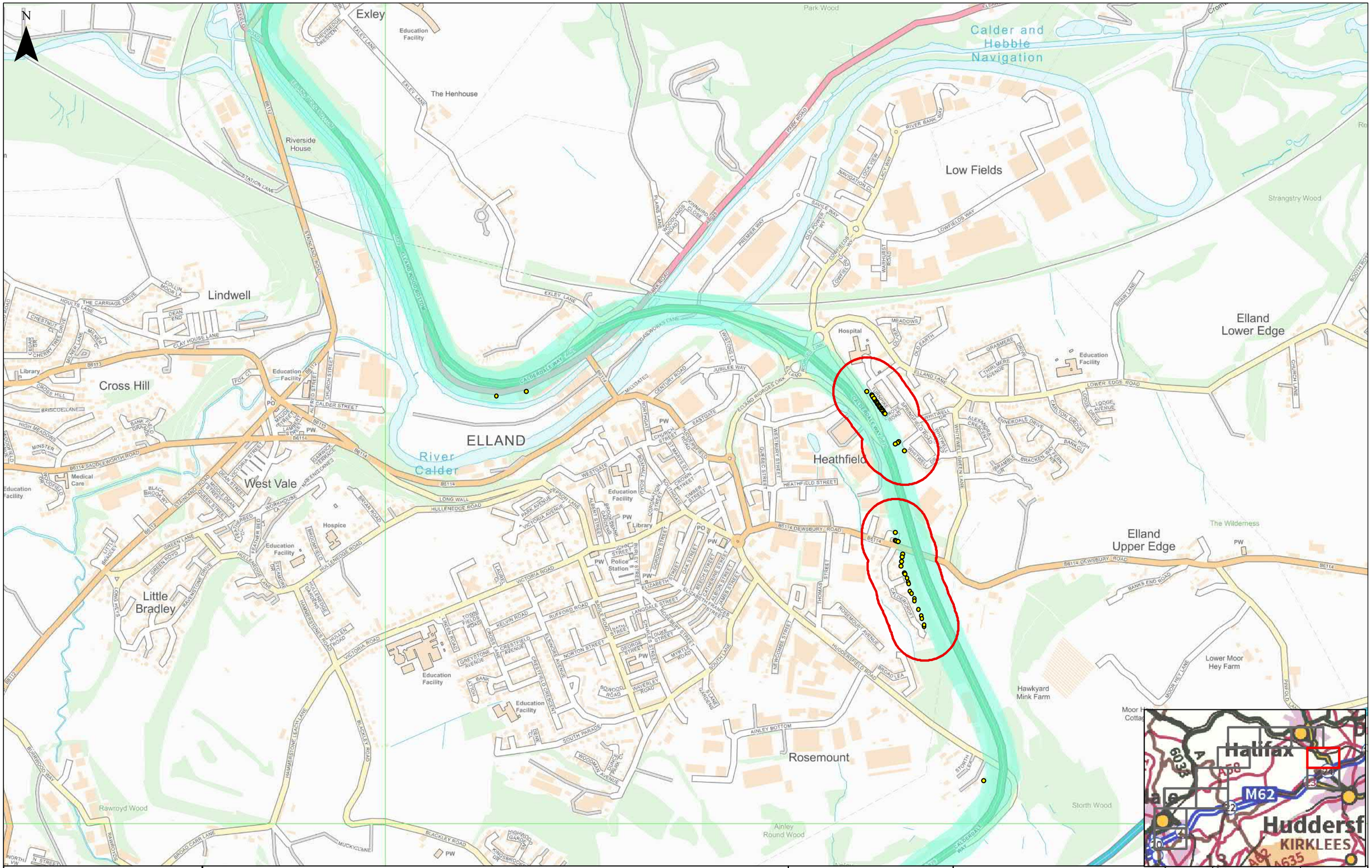

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 2 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	
Original Size	A3		
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00043

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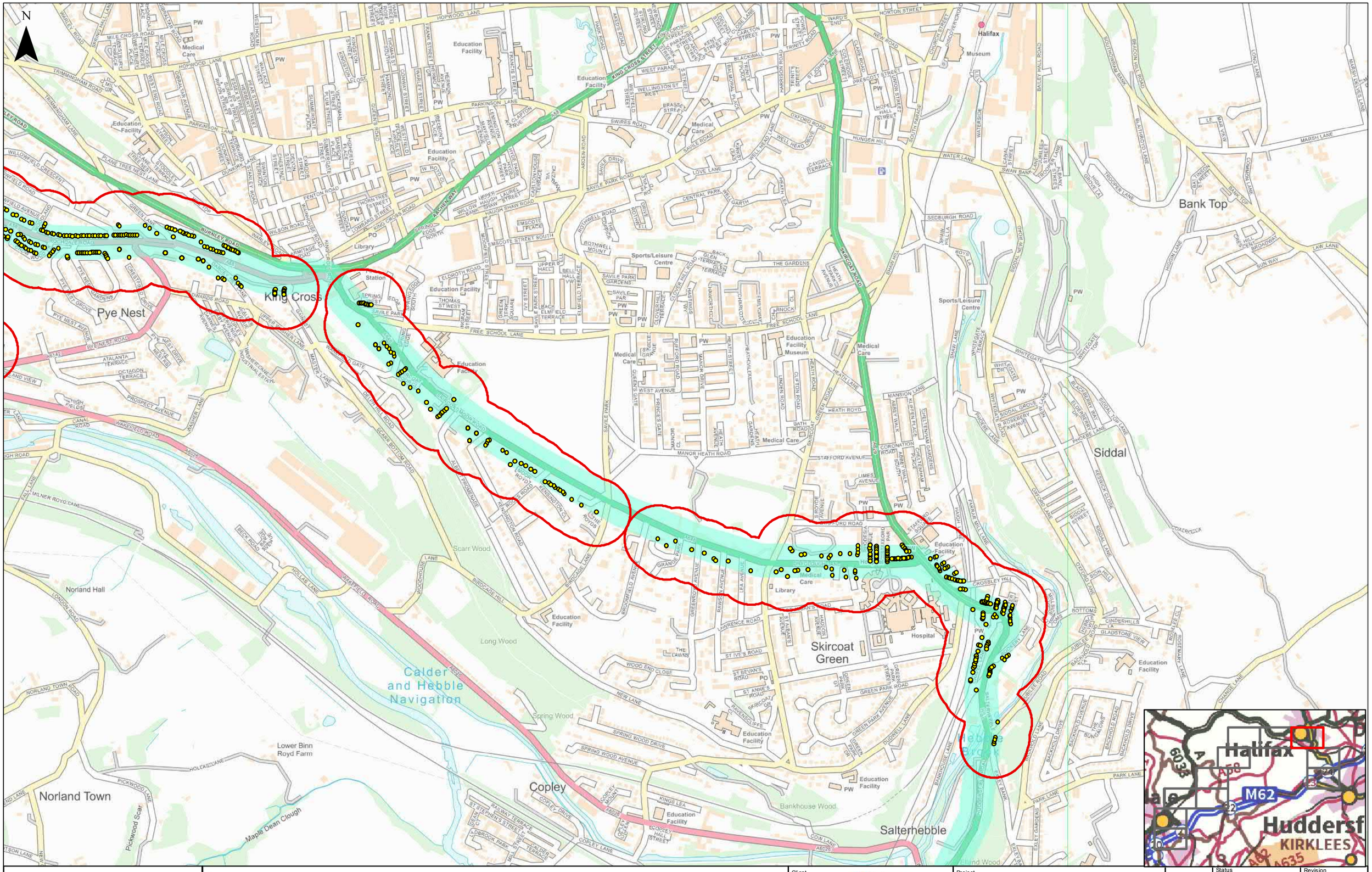

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 3 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	
Original Size	A3		
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00043

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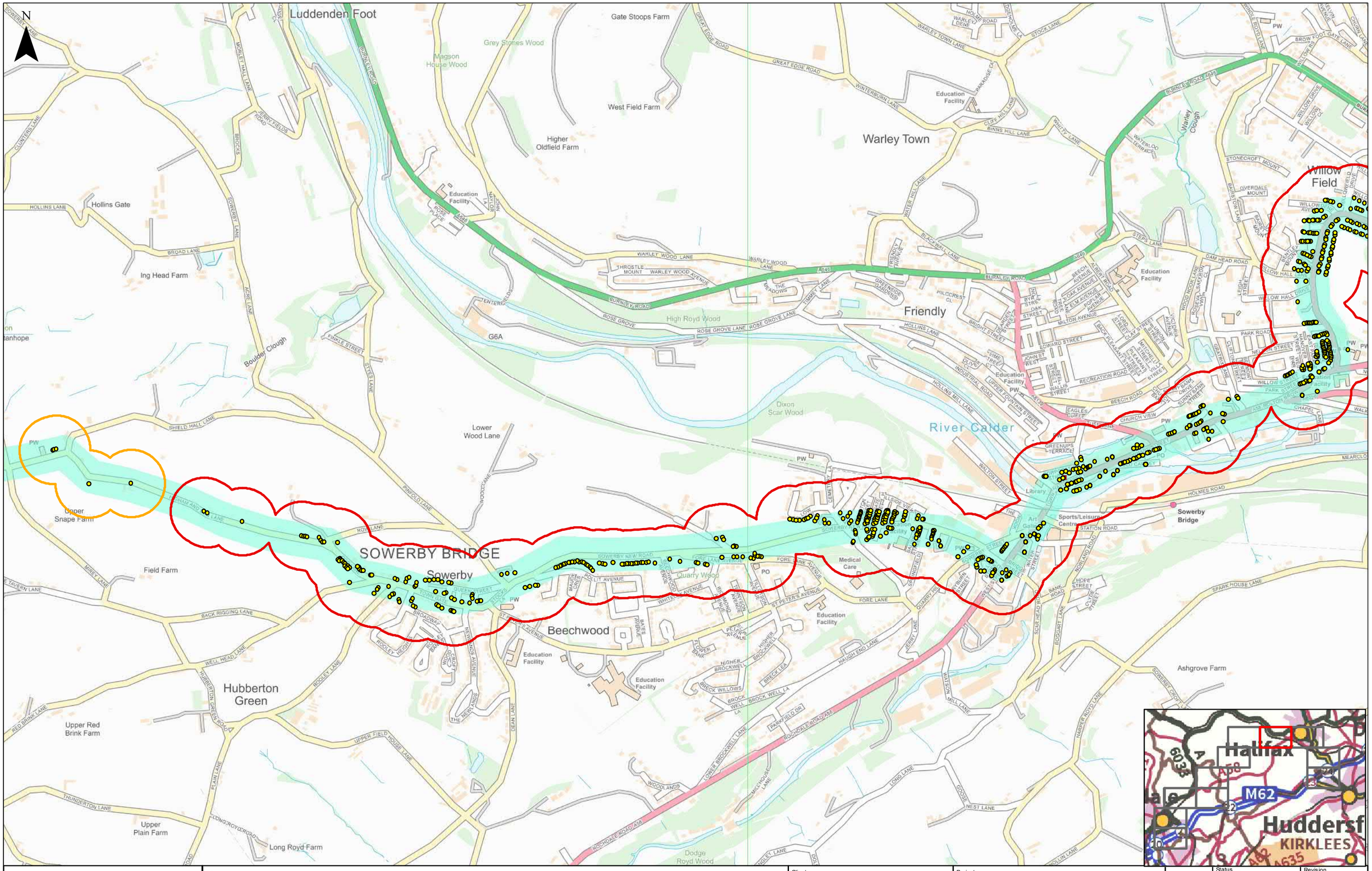

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 4 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00043

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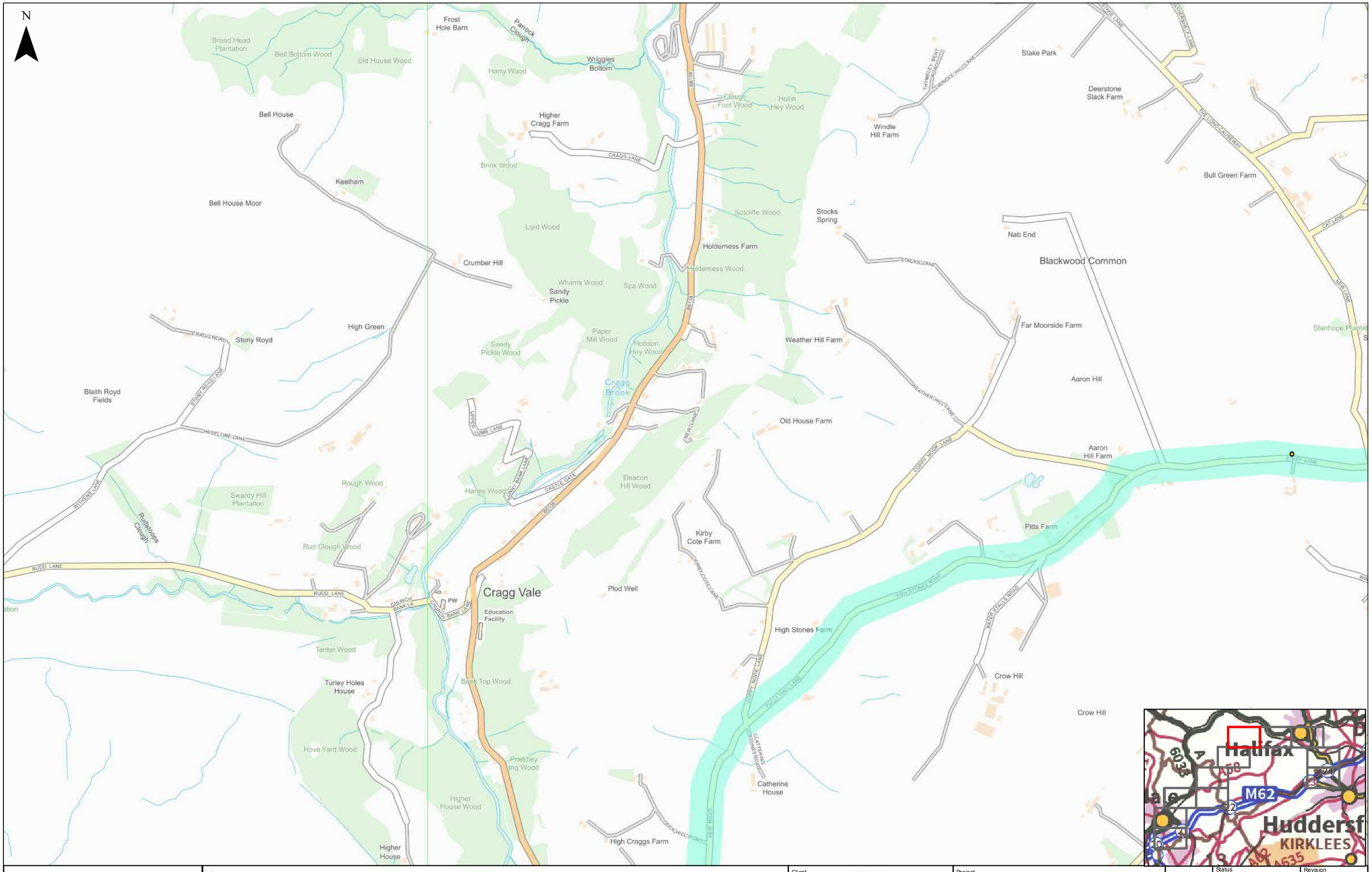

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 5 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00043
HE551534			

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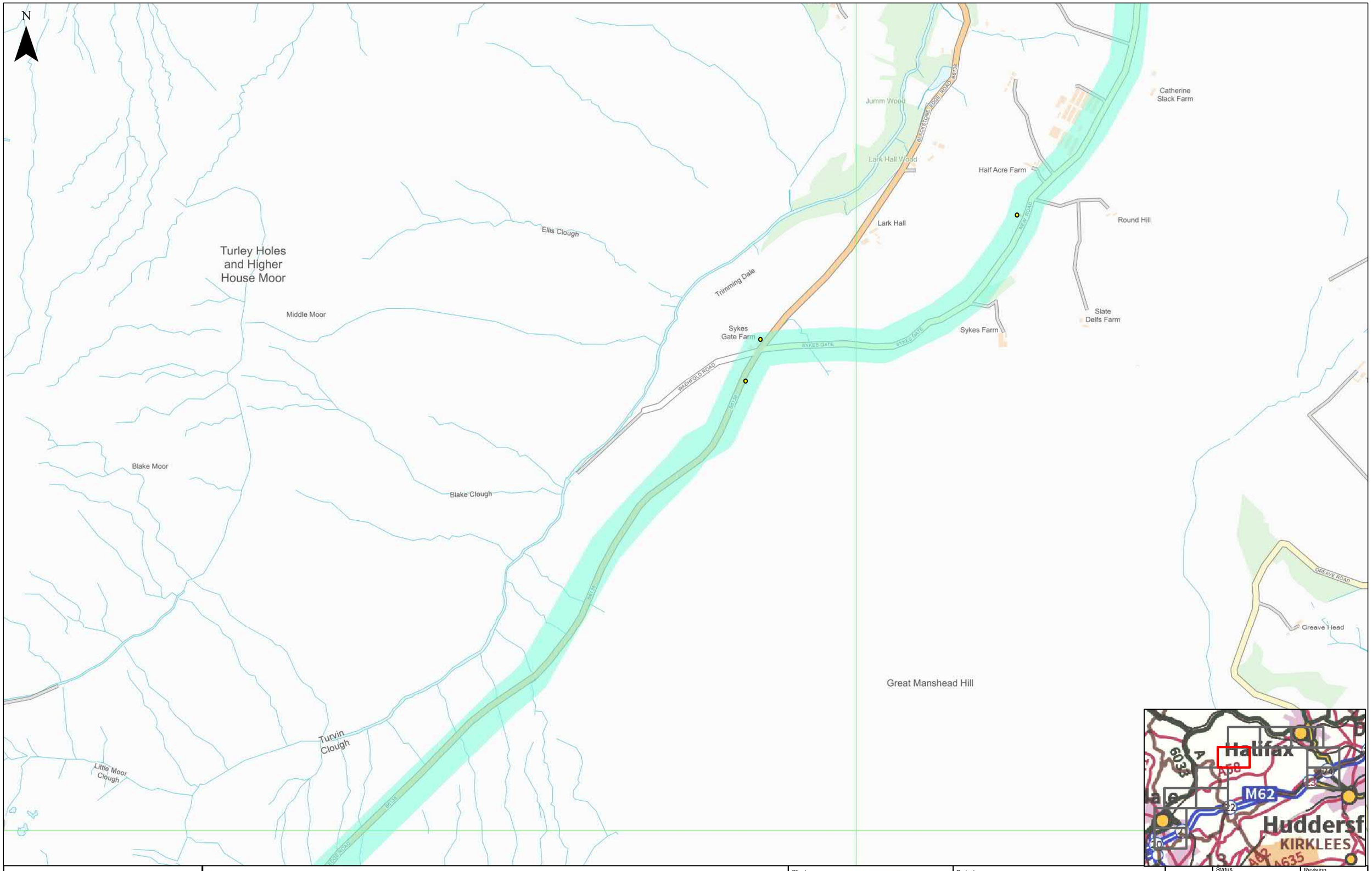

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 6 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00043

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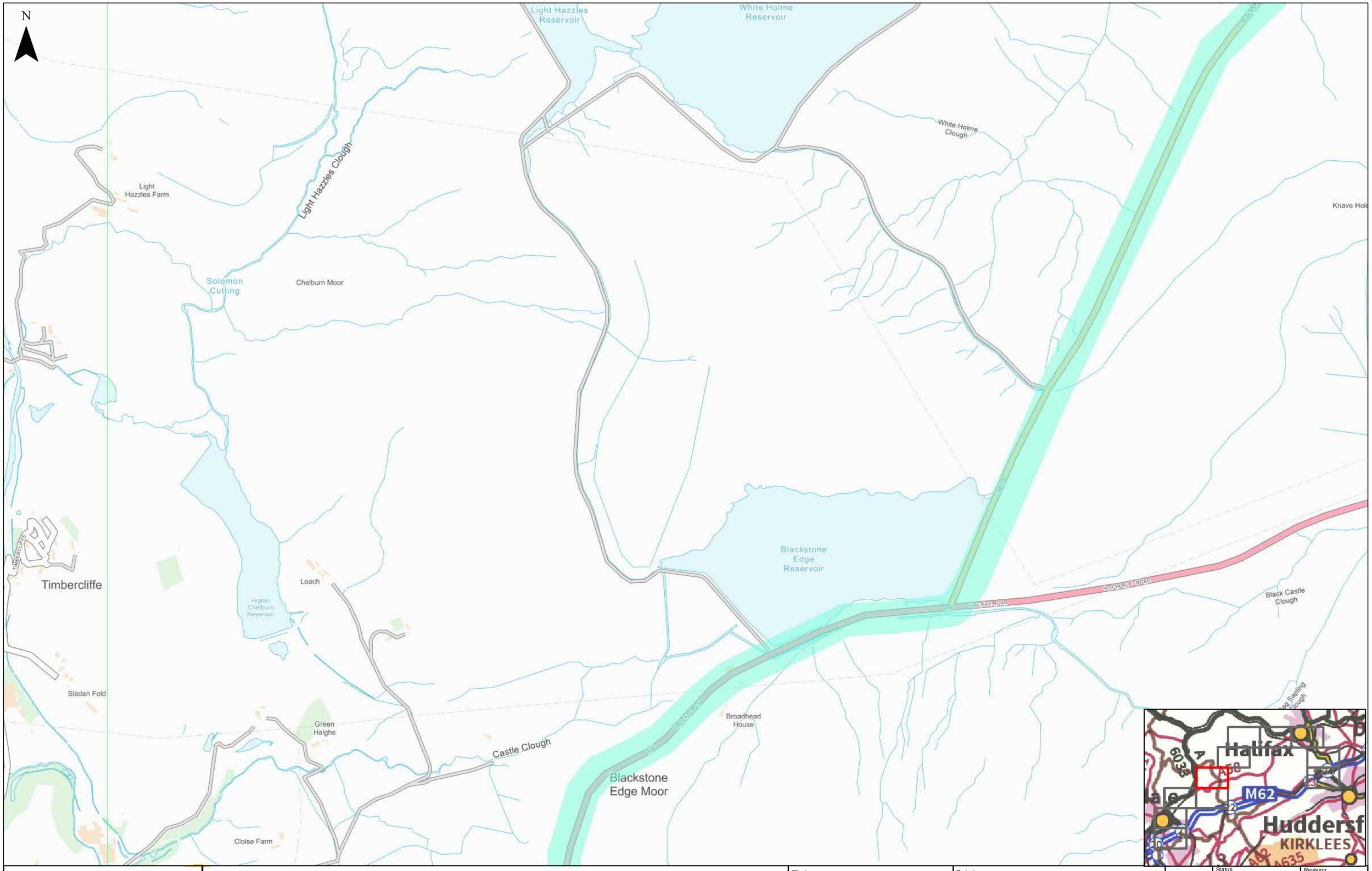

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 7 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00043
HE551534			

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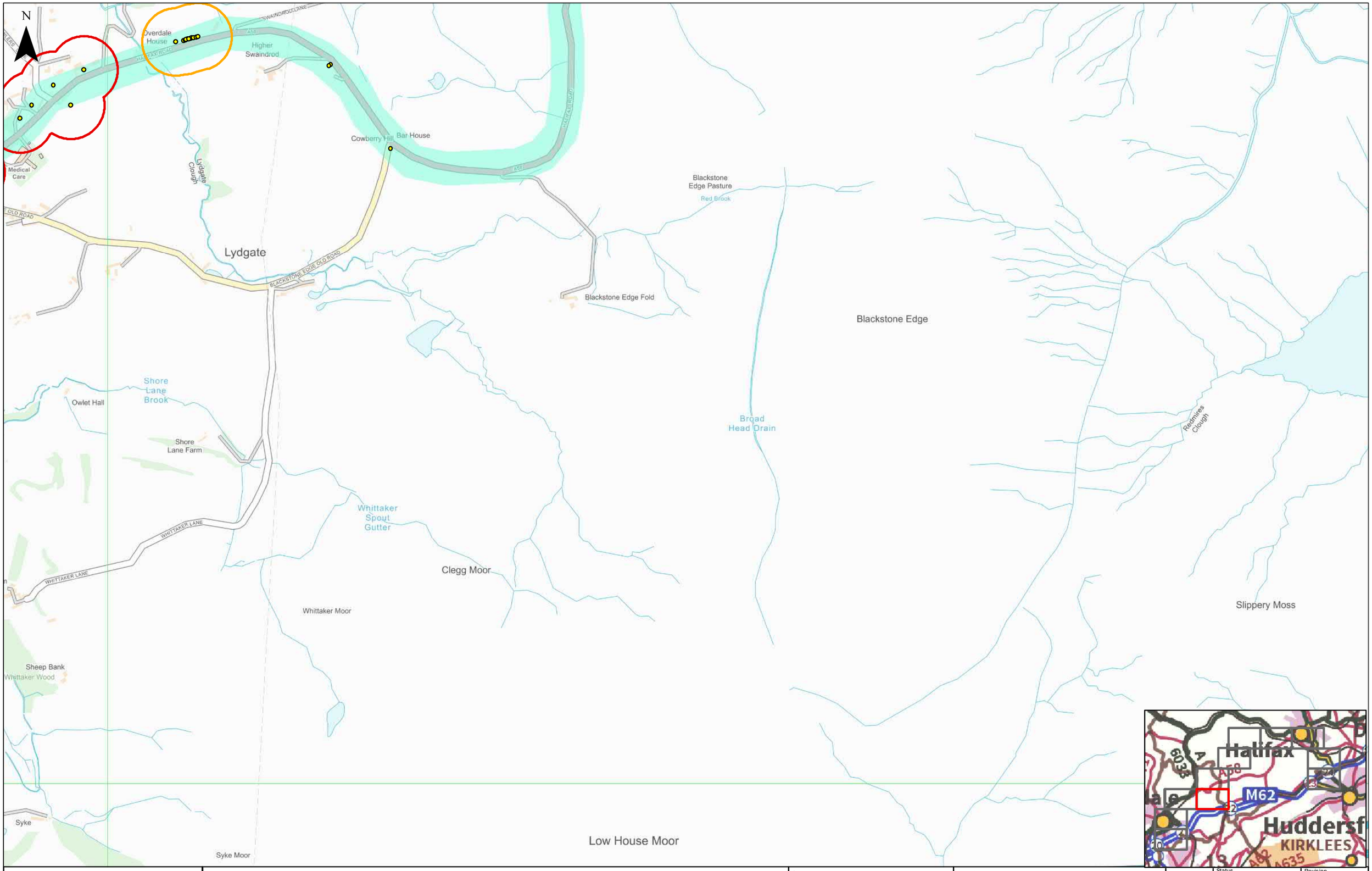

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 8 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00043
HE551534			

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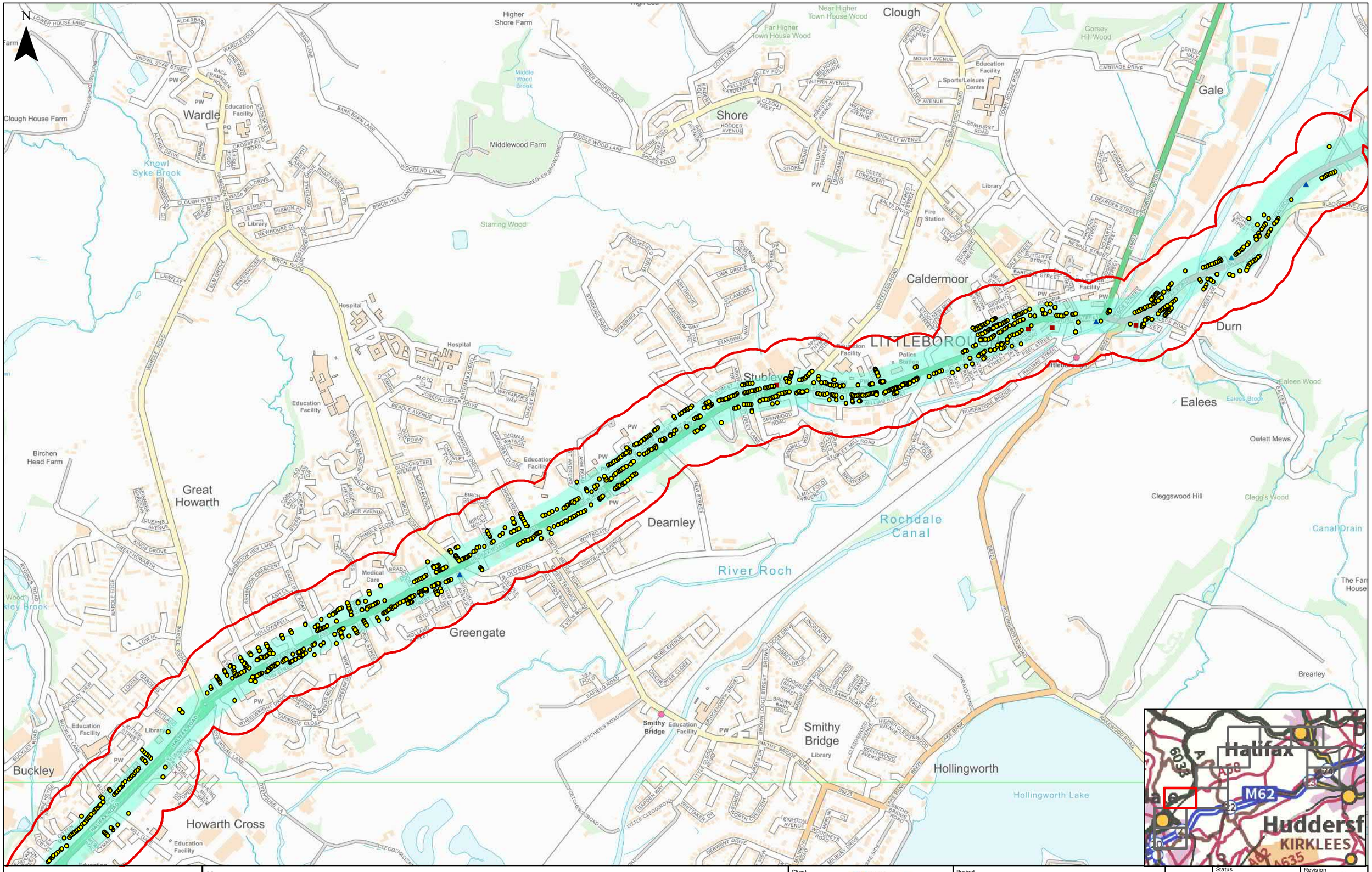

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 9 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00043

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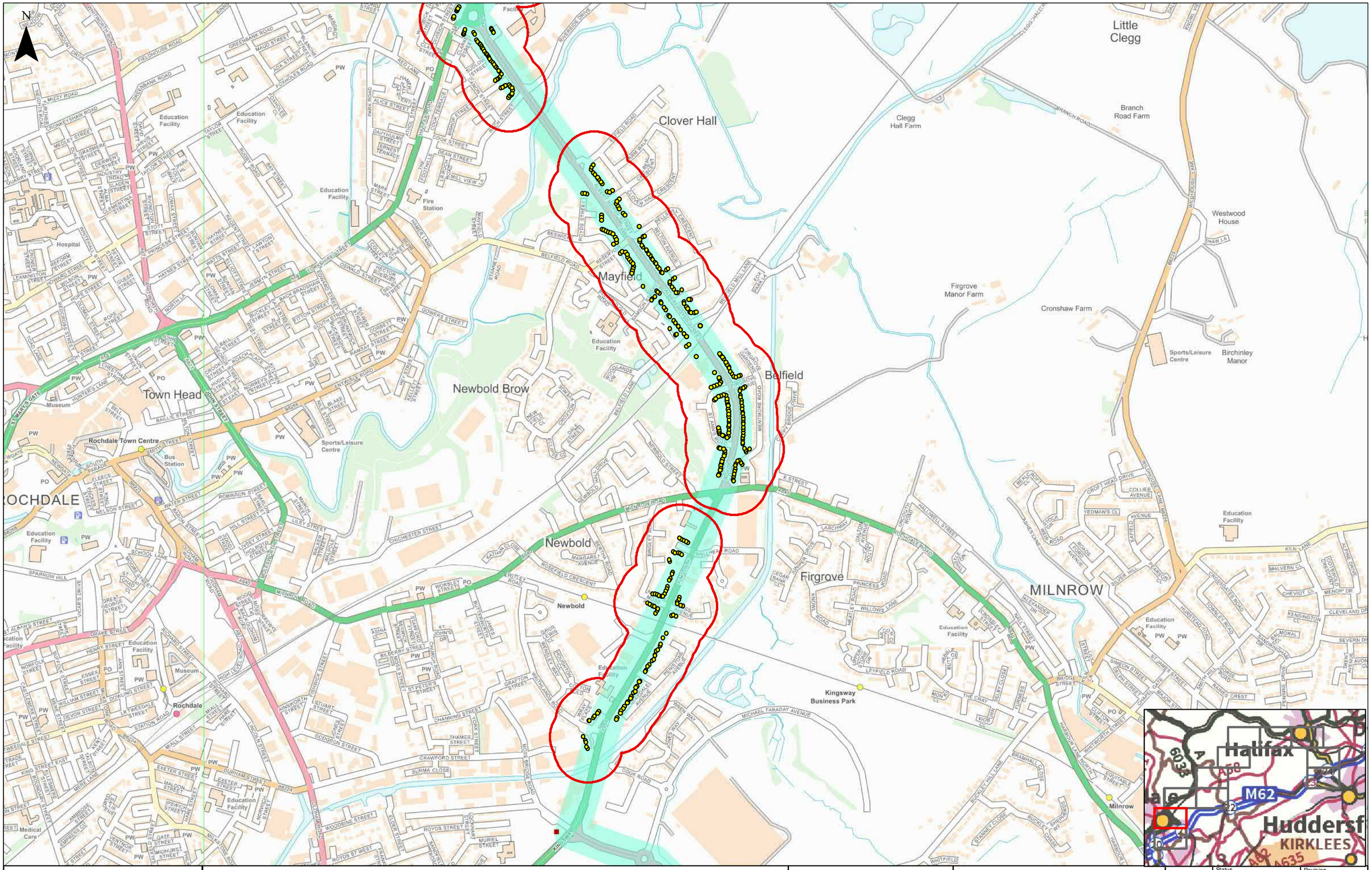

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 10 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00043

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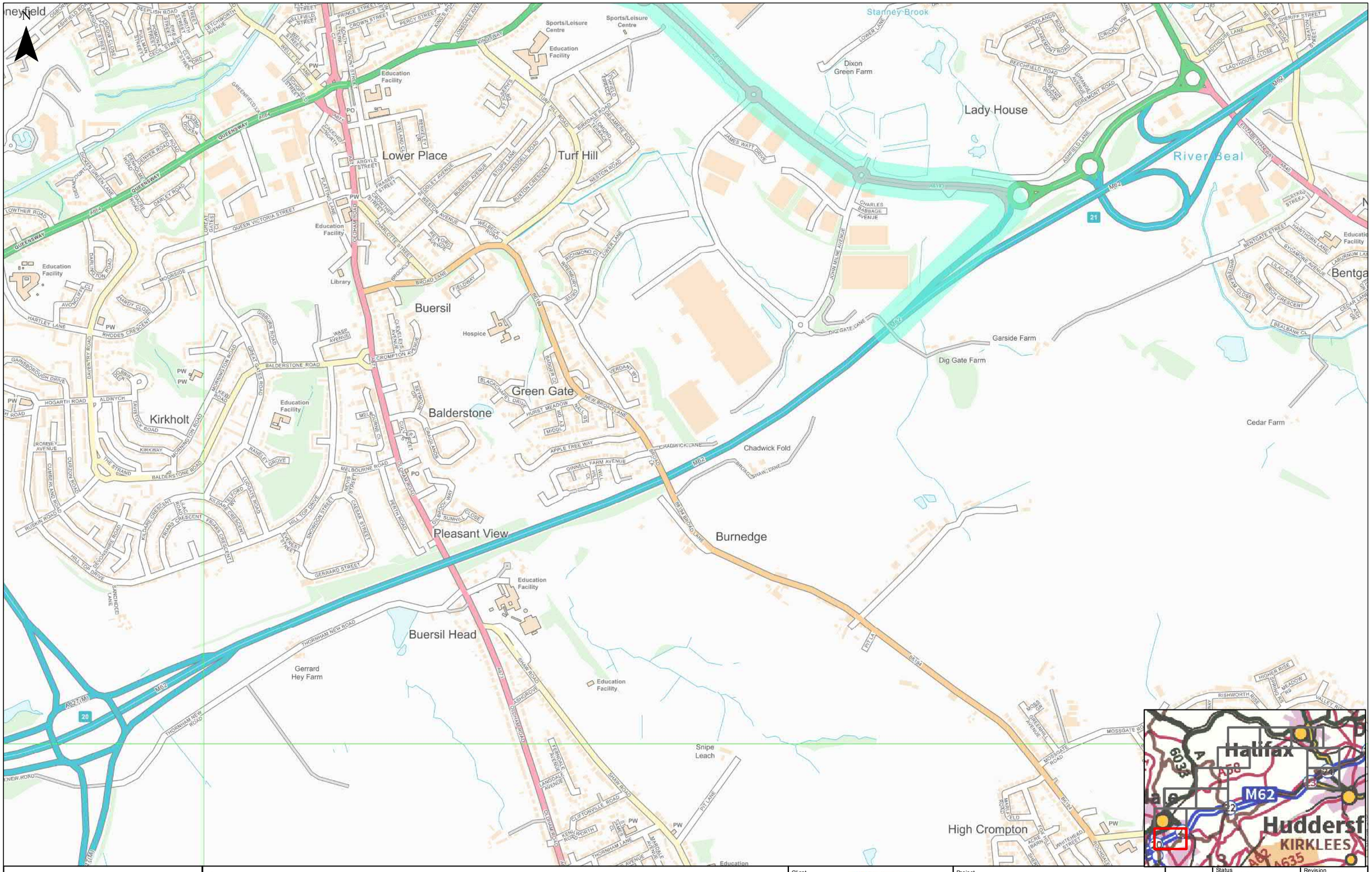

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors

- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Diversion

- Routecard F1 Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.15 ROUTECARD F1 DIVERSION PAGE 11 OF 11**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00043

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N

Upper Common
Upper Wyke
Wyke Common
Wyke
Scholes
New Popplewell
Hartshead Moor Top
Moorend
West End
Woodland House
Cow Close Farm
Sugden Beck
Hanging Wood
Hunsworth Great Wood
Hunsworth Little Wood
Whitwood Farm
Head Farm
Pond Farm
Education Facility
Library
Police Station
Sports/Leisure Centre
M62
A58 WHITEHALL ROAD
A649
B6120
Halifax
Huddersfield
CALDERDALE
KIRKLEES

0	125	250	375	500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 1 OF 14**

	Status: First Issue	Revision: P01	
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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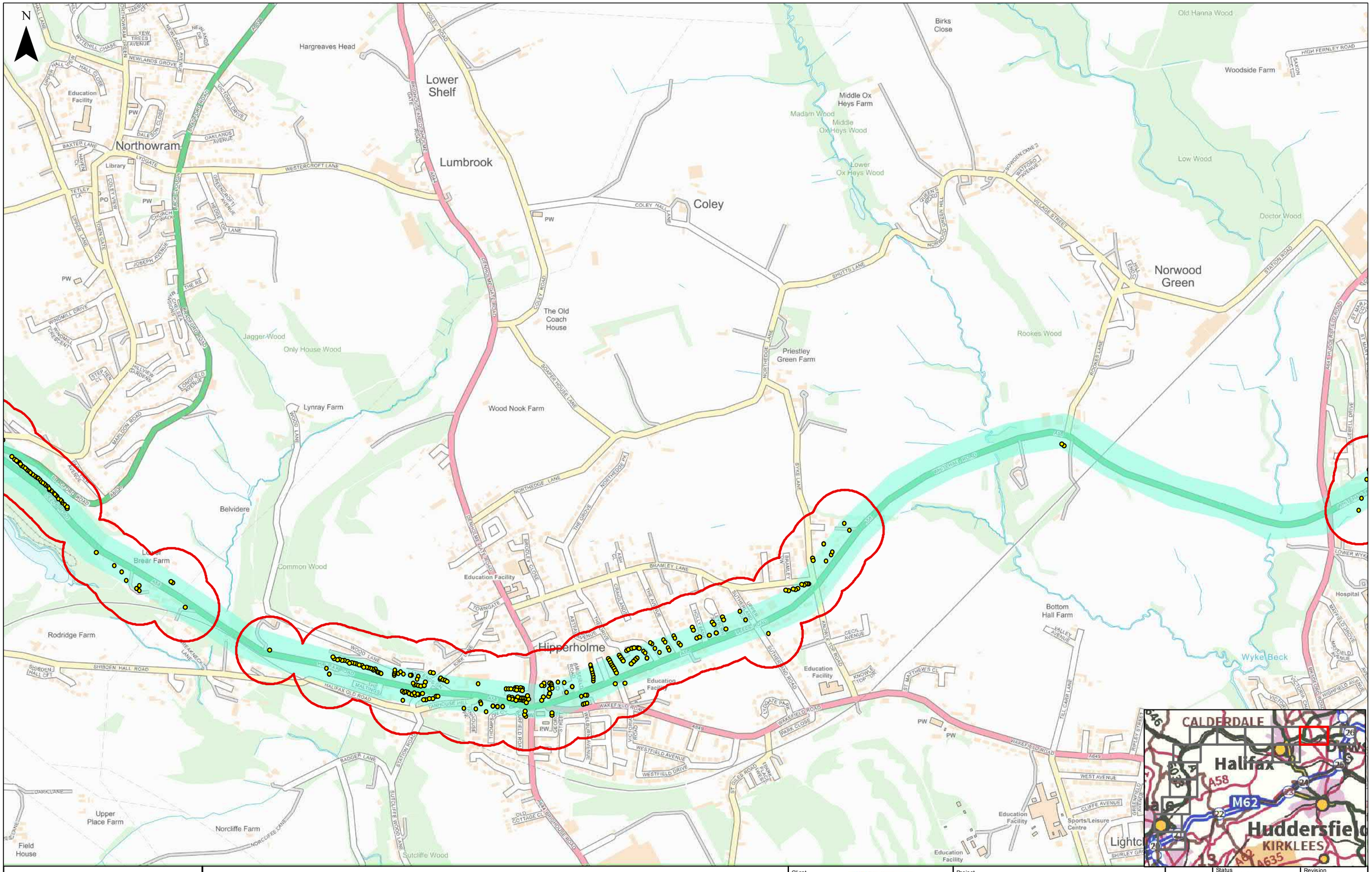

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 2 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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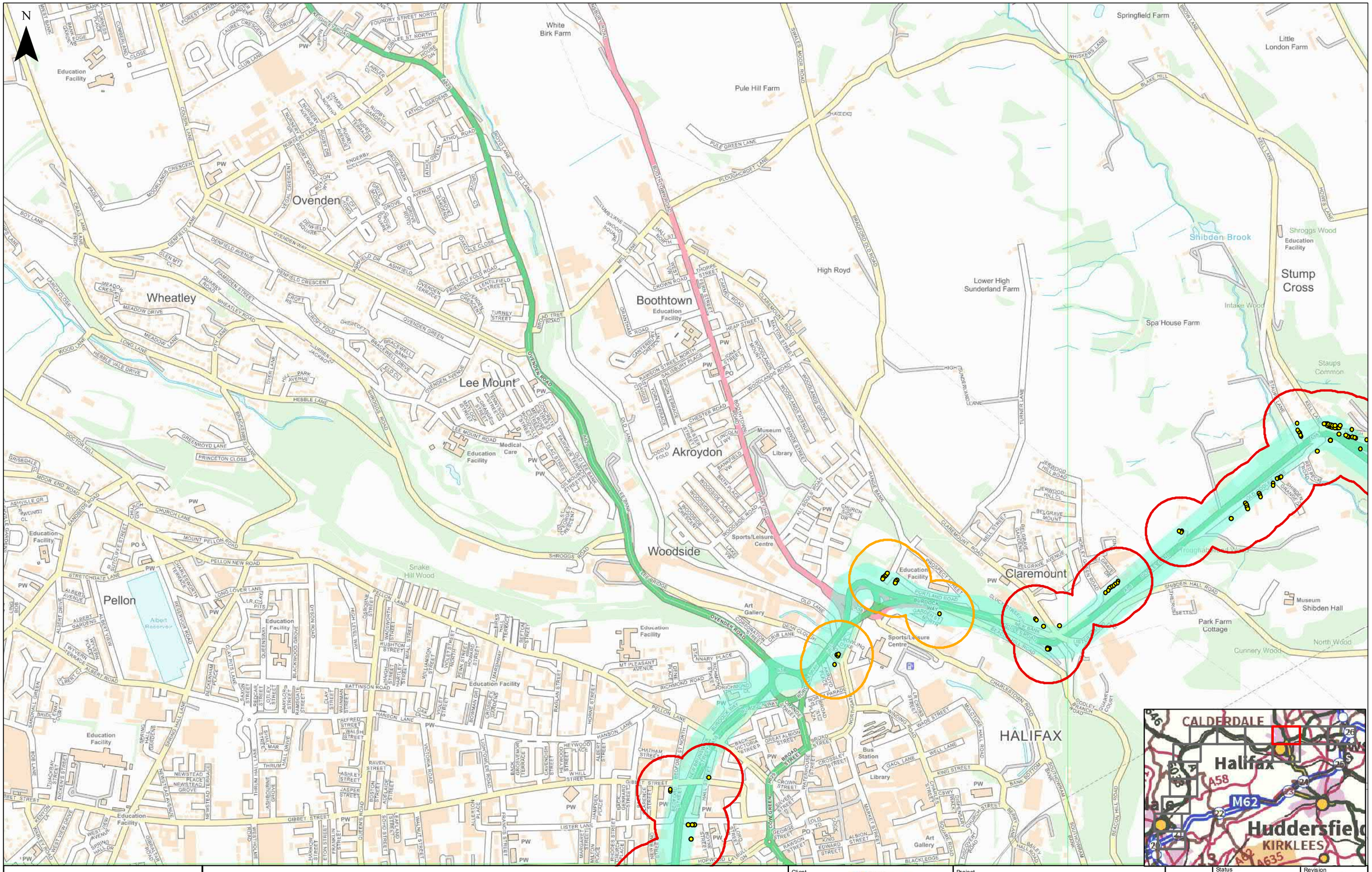

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 3 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00044

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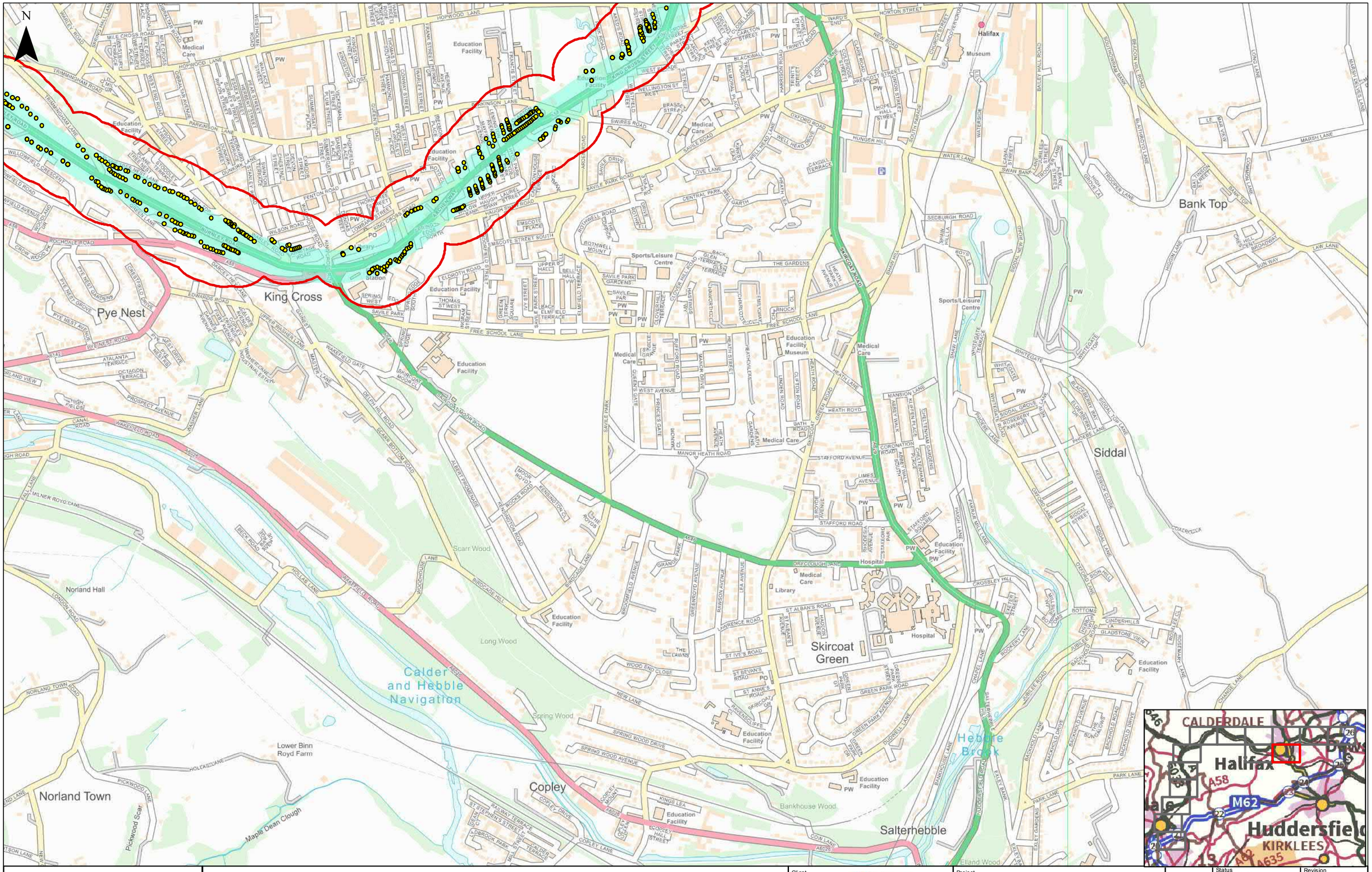

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 4 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00044
HE551534			

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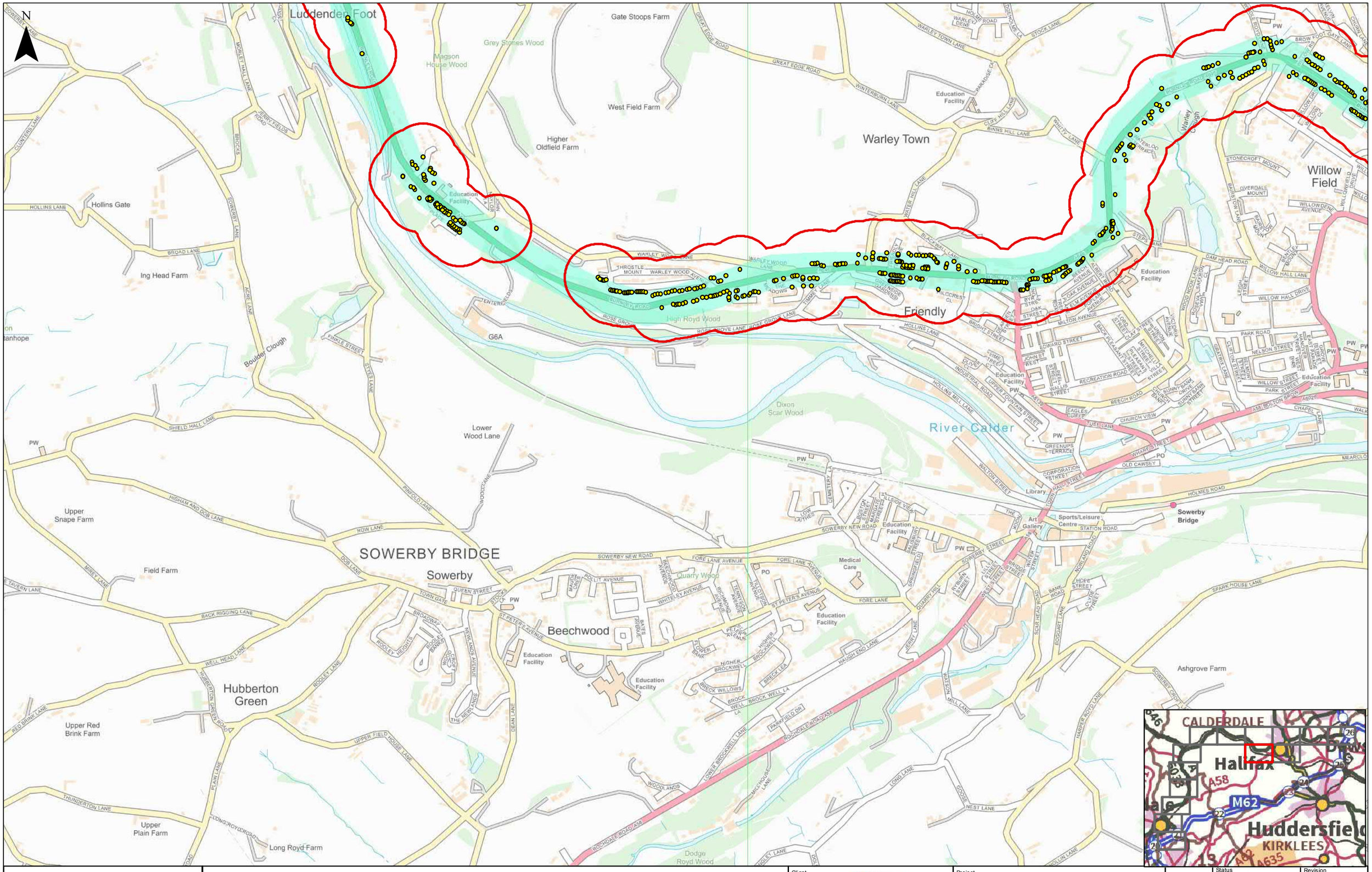

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 5 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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N

Booth
Broadfold
Gate House Farm
Baume Clough
Moorside Farm
Dean House Farm
Thorney Lane Farm
Midgley
Education Facility
Bearley Wood
Storey Spring Wood
Mill Field Ends
Kiln House Wood
The Old Coach House
Breck Top Farm or Breck Top Cottage
Dean House Wood
Clay Wood
Luddenden
Education Facility
Education Facility
Willow Wood
Hollins Wood
Far Shepherd House Farm
Lower Popplewells Farm
West Royd Wood
Craven Hole Farm
Tower Hill Farm
Mount Tabor
Lower Highfield Farm
Ramsden Wood Reservoir
Spring Lee Farm
Ramsden Wood
Upper Heath Hill
Moor Bottom
Booth Steads
Wild Acres
Shacks House
Ovenden Wood
Dodgson Wood
Education Facility
Highroad Well Moor
Education Facility
Norton Tower

0 125 250 375 500
Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 6 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	
Original Size	A3		
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00044
HE551534			

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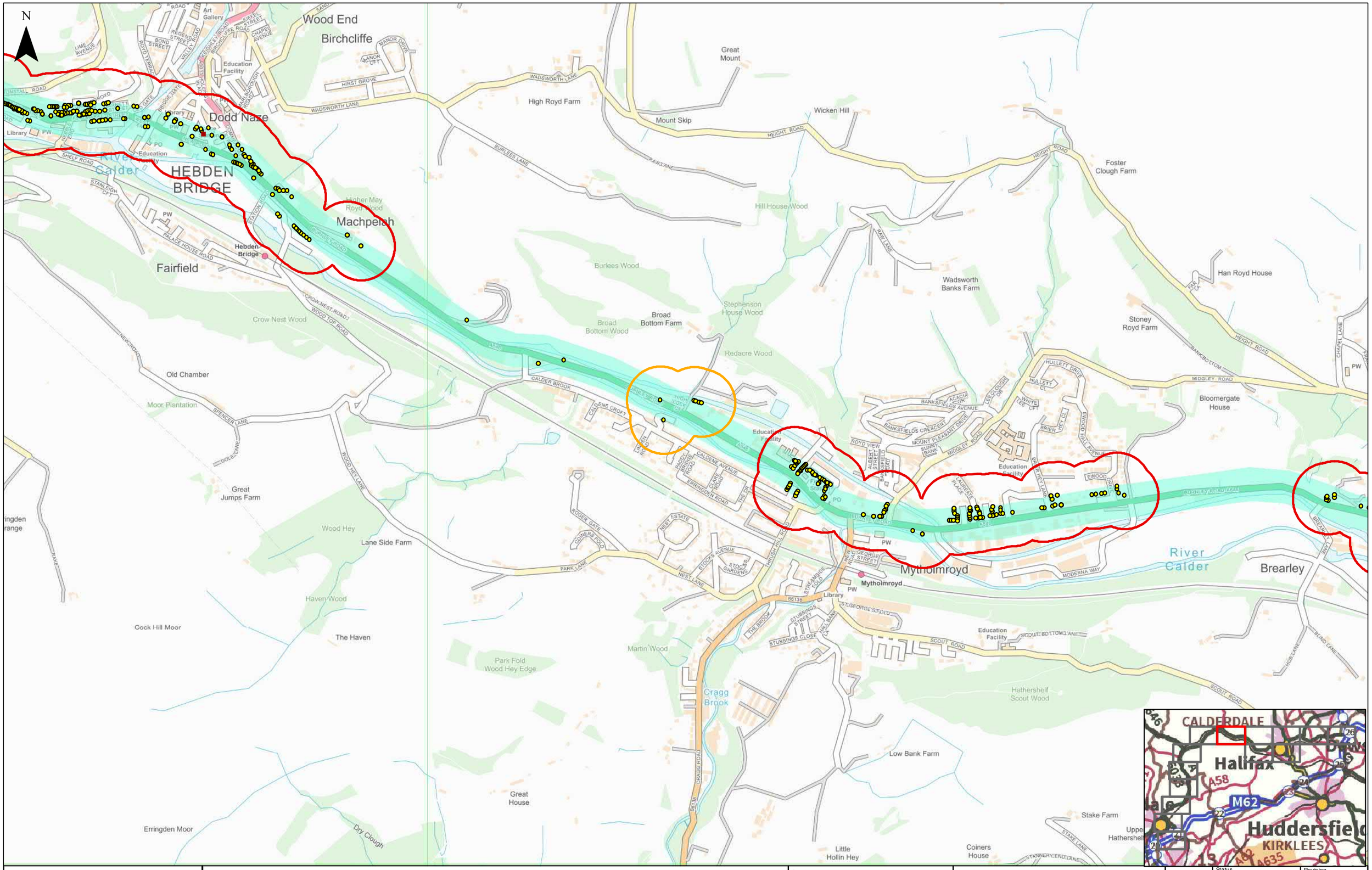

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 7 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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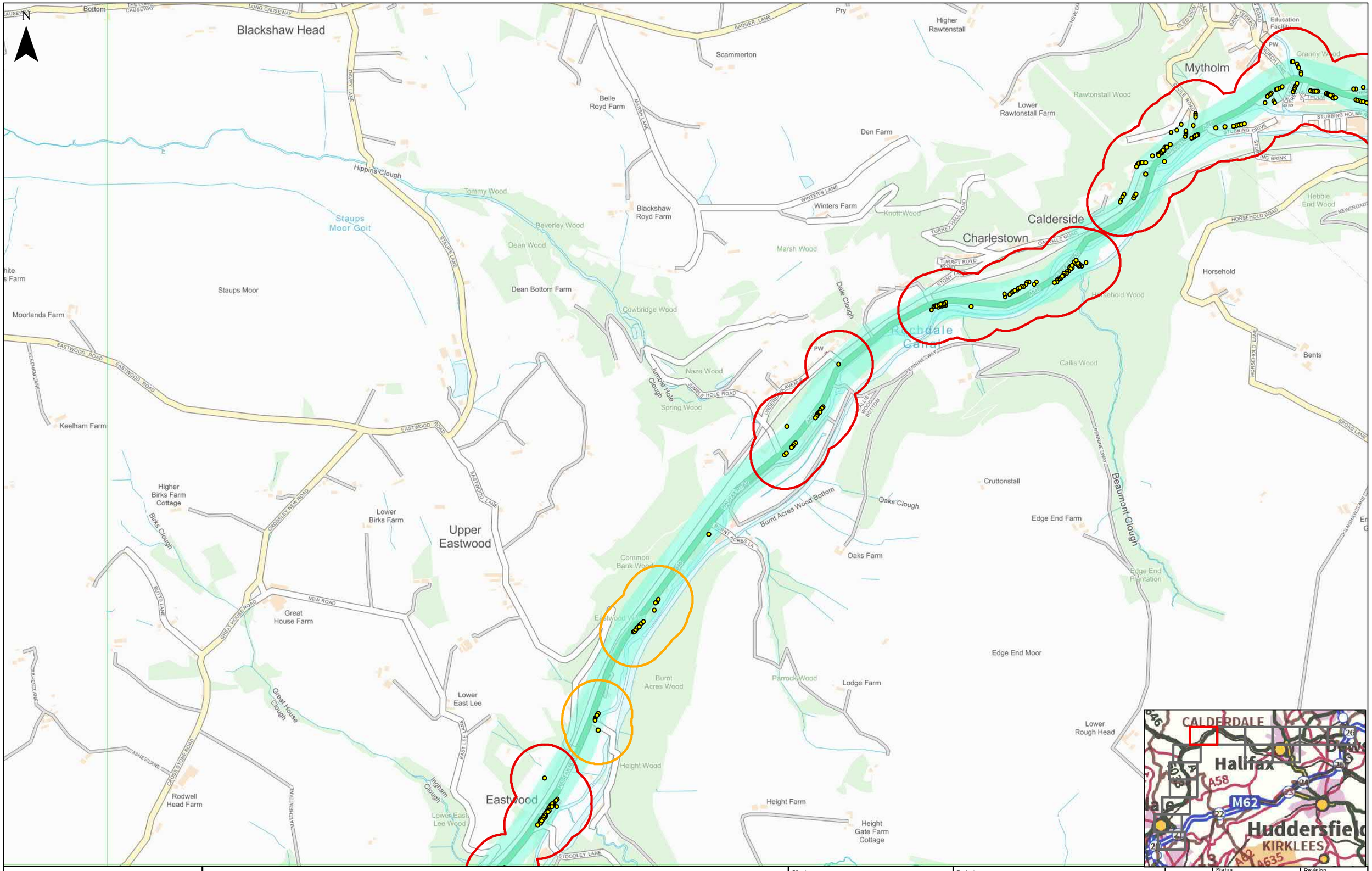

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 8 OF 14**

Status	First Issue	Revision P01
Scale	1:10,000	Date 05/09/2019
Drawn By	CS	
Checked By	MM	
Approved By	DH	
Project No. HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN / Location SG / Type DR / Role LE / Number 00044	

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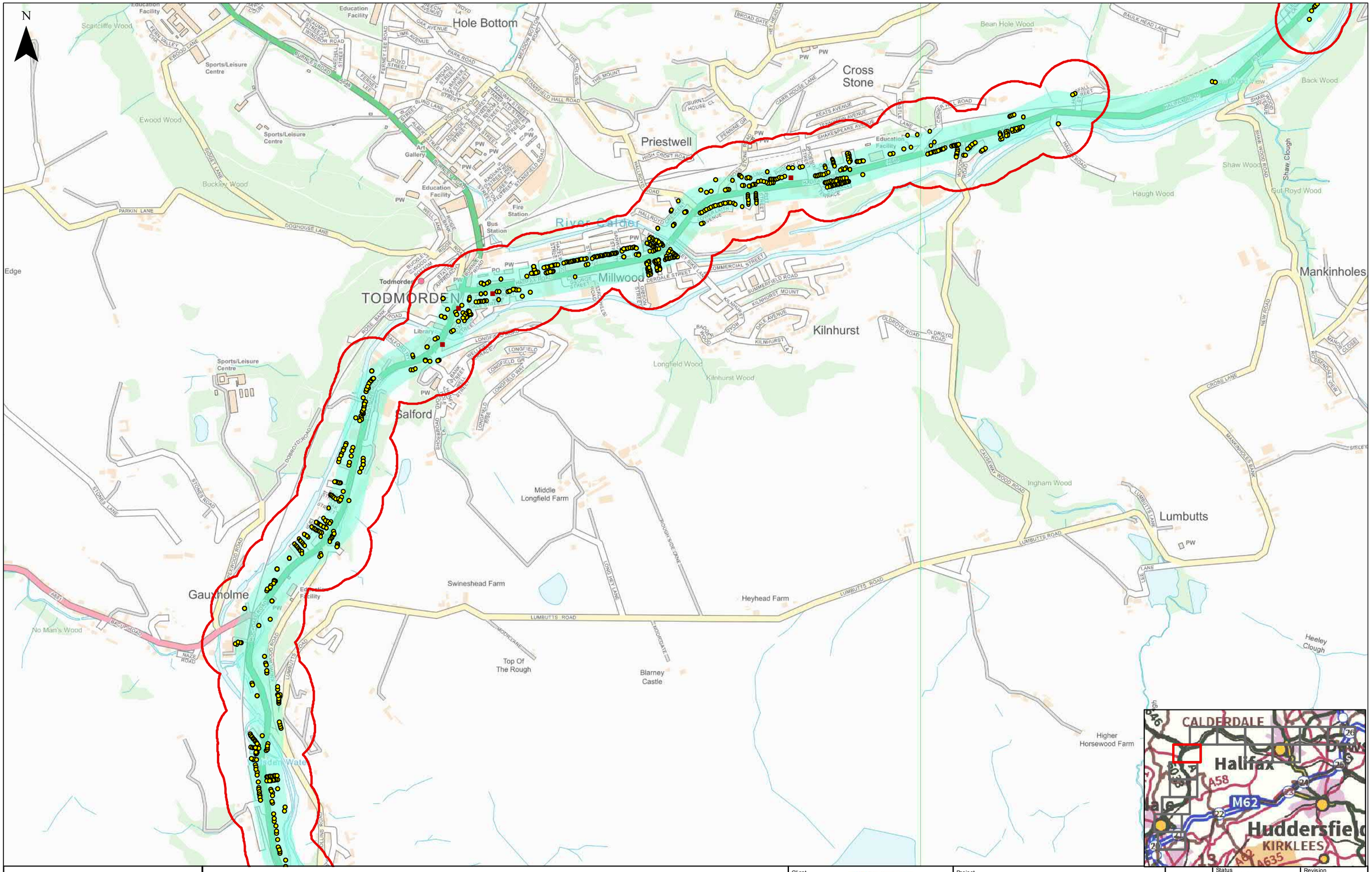

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 9 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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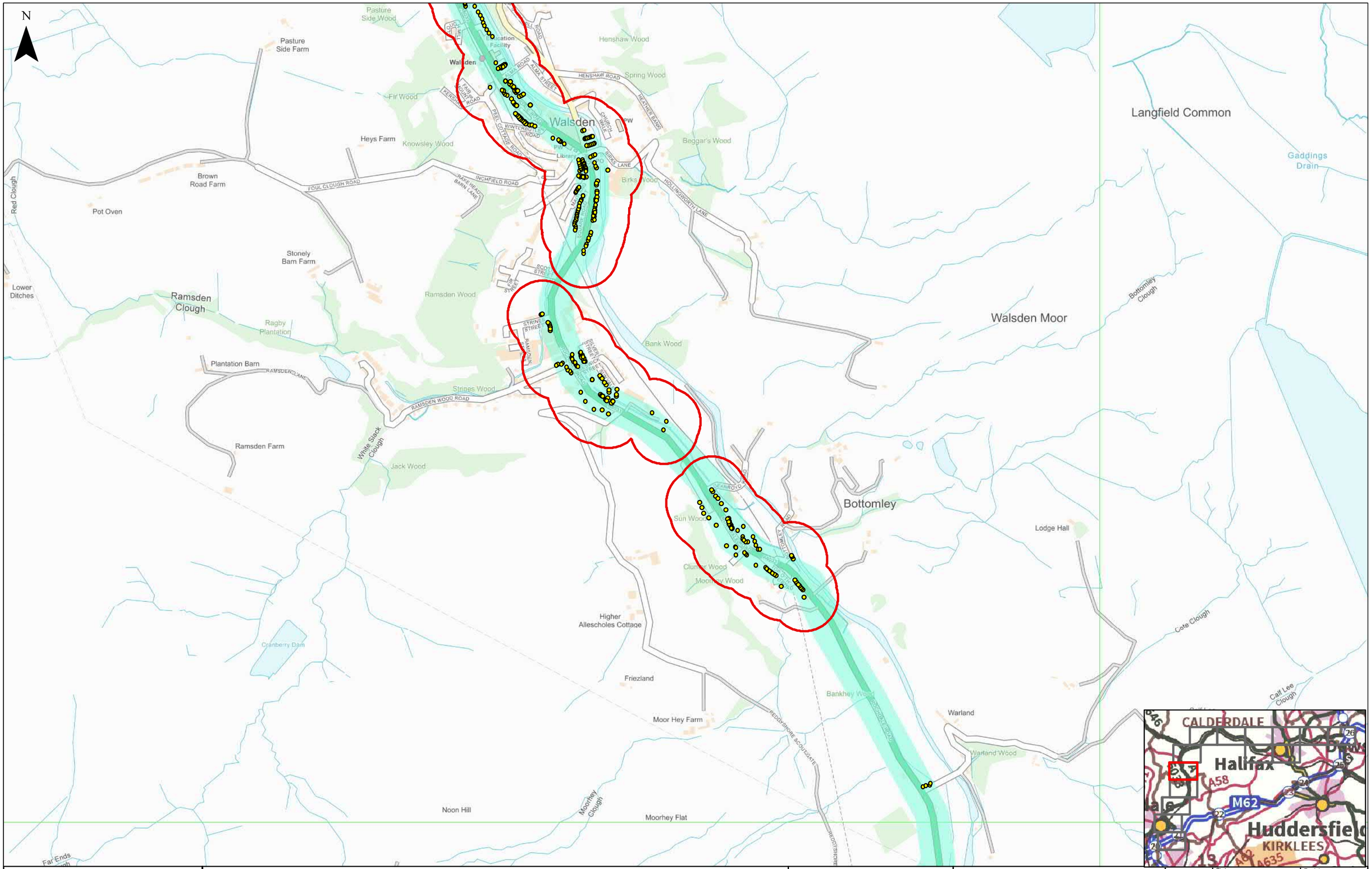

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 10 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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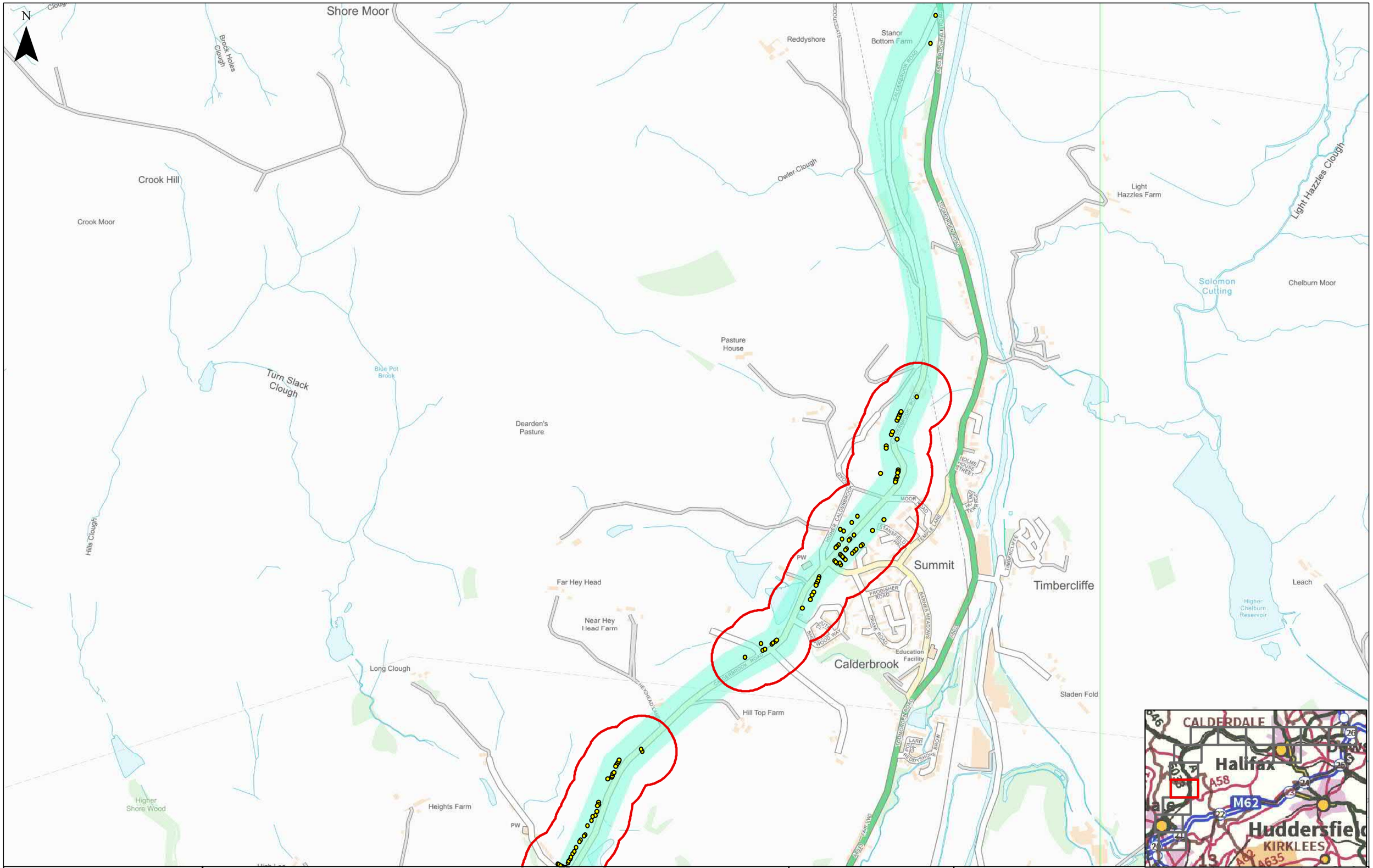

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 11 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
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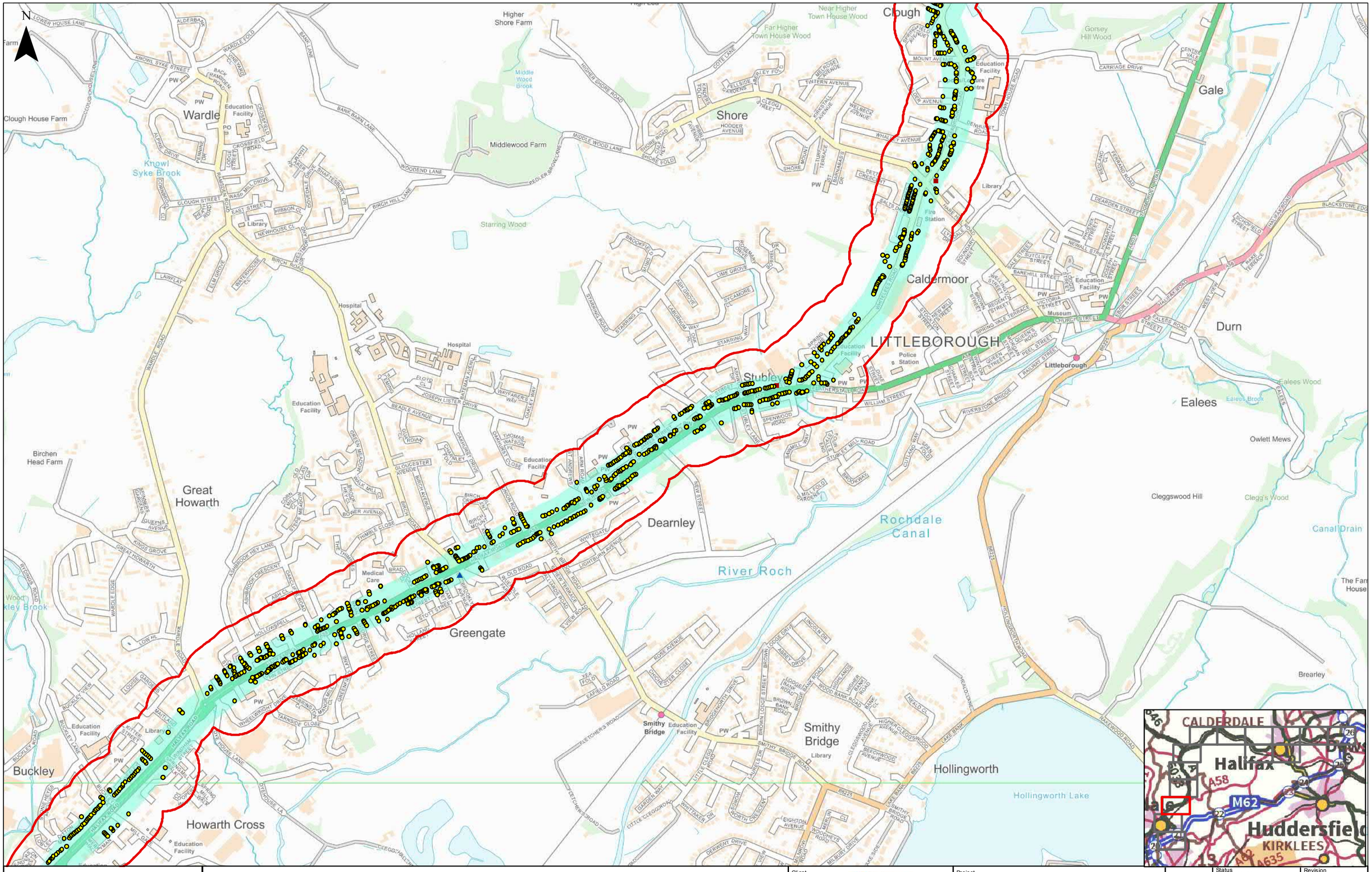

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 12 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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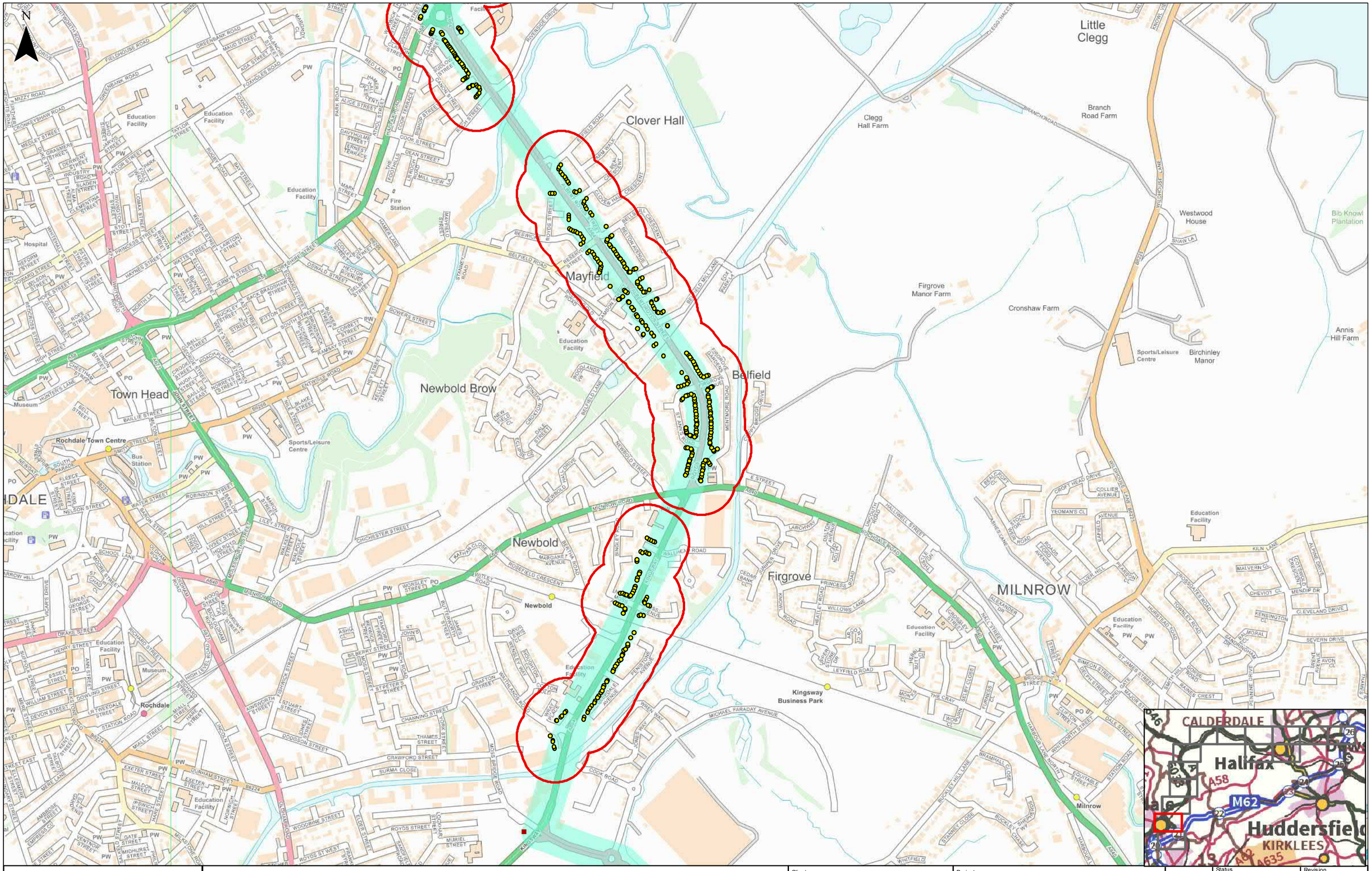

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Receptor Risk
- High

Diversion
- Routecard F1 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 13 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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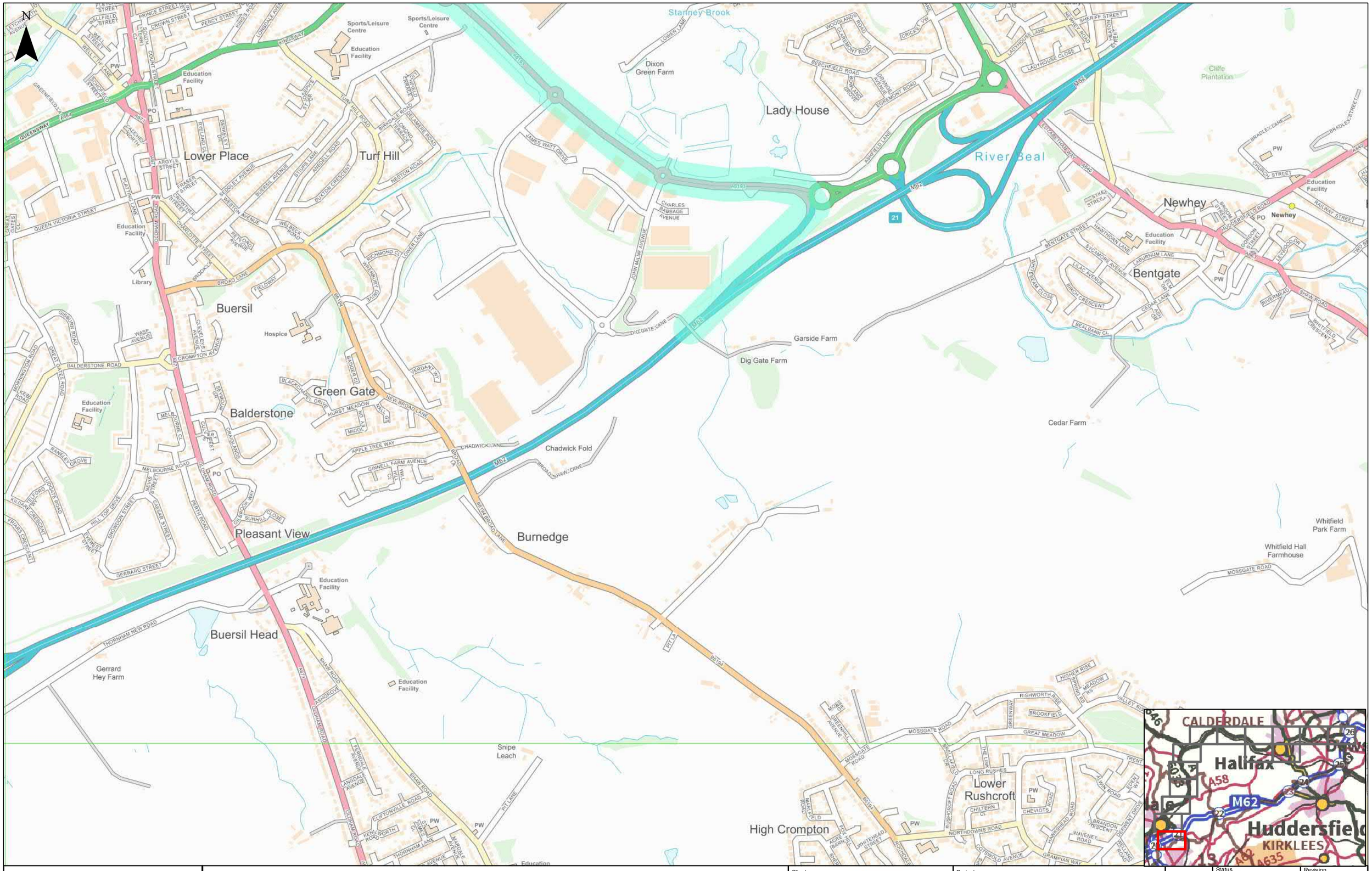

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME

Diversion
- Routecard F1 HGV Diversion

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.16 ROUTECARD F1 HGV DIVERSION PAGE 14 OF 14**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00044

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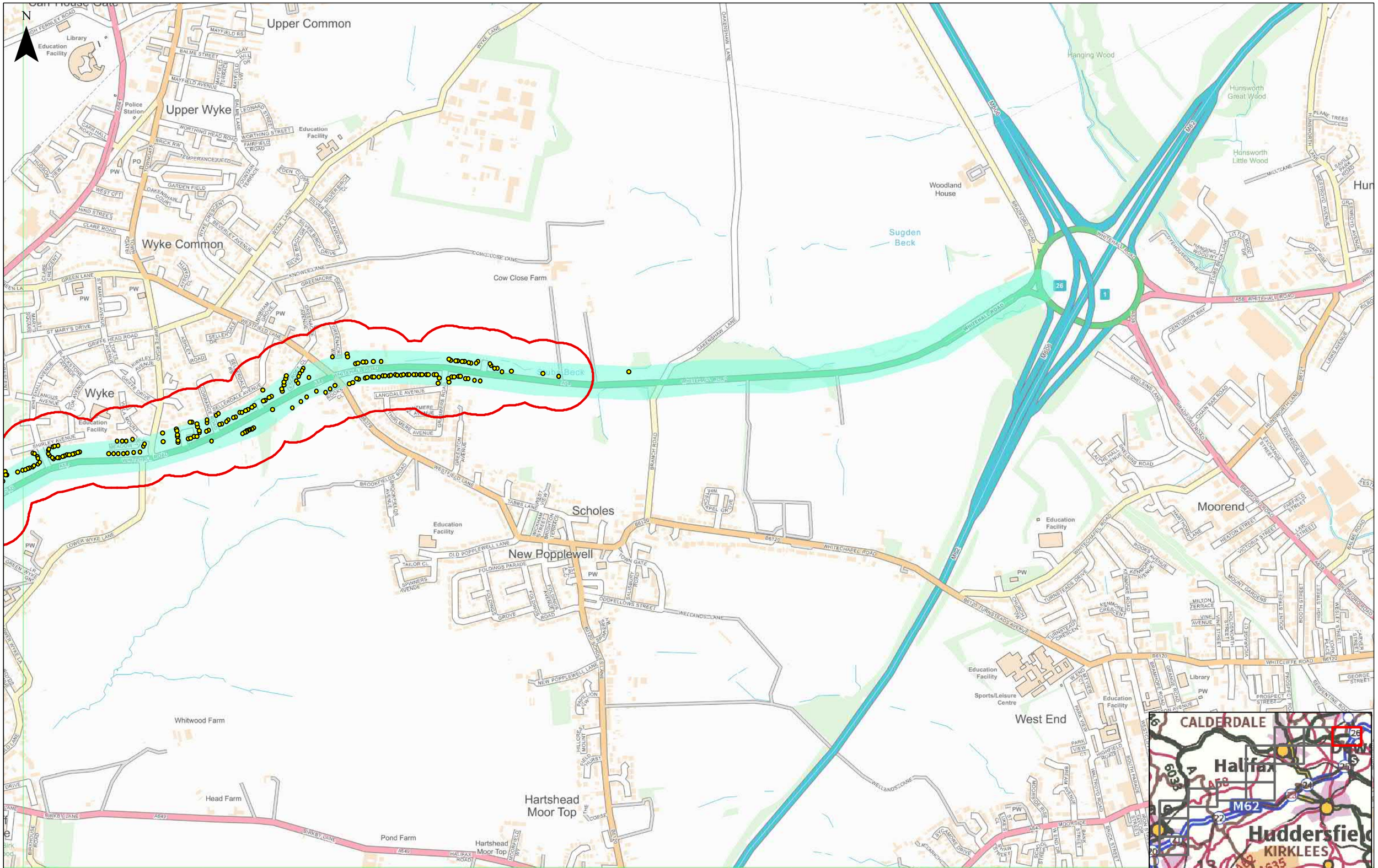

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 1 OF 12**

	Status: First Issue	Revision: P01	
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No. HE551534	Originator WSP	Original Size	A3
Drawing number HE551534	Volume EGN / Location SG	Type DR / Role LE	Number 00045

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N

Hargreaves Head
Lower Shelf
Lumbrook
Northowram
Education Facility
Library
Coley
Birks Close
Old Hanna Wood
Woodside Farm
Middle Ox Heys Farm
Madam Wood
Middle Ox Heys Wood
Lower Ox Heys Wood
Low Wood
Doctor Wood
Norwood Green
The Old Coach House
Jagger Wood
Only House Wood
Priestley Green Farm
Rookes Wood
Lynray Farm
Wood Nook Farm
Belvidere
Lower Brear Farm
Common Wood
Rodridge Farm
Hipperholme
Education Facility
Bottom Hall Farm
Wyke Beck
Upper Place Farm
Norcliffe Farm
Field House
Sutcliffe Wood
Sports/Leisure Centre
Hospital

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 2 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00045

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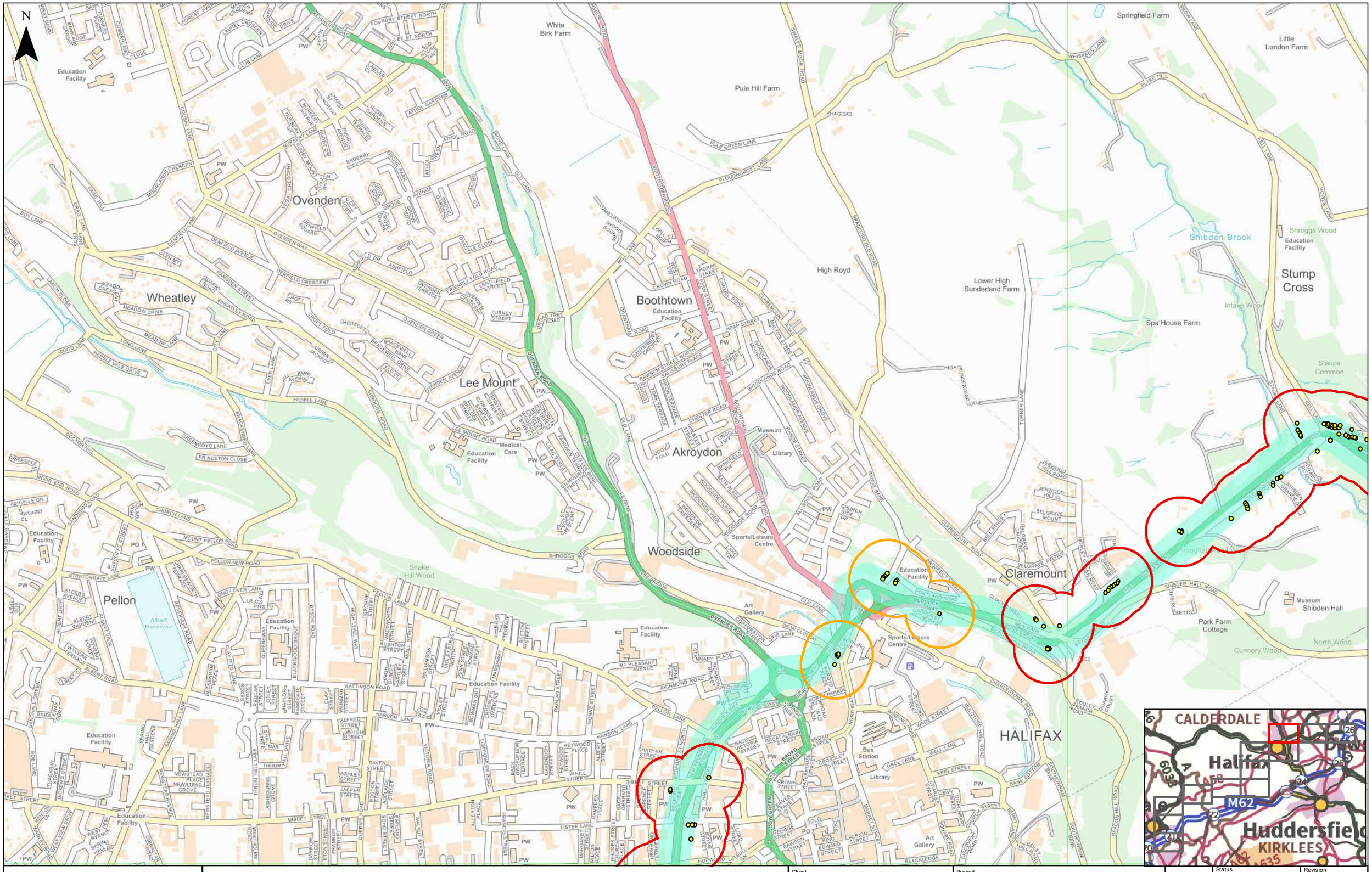

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 3 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00045

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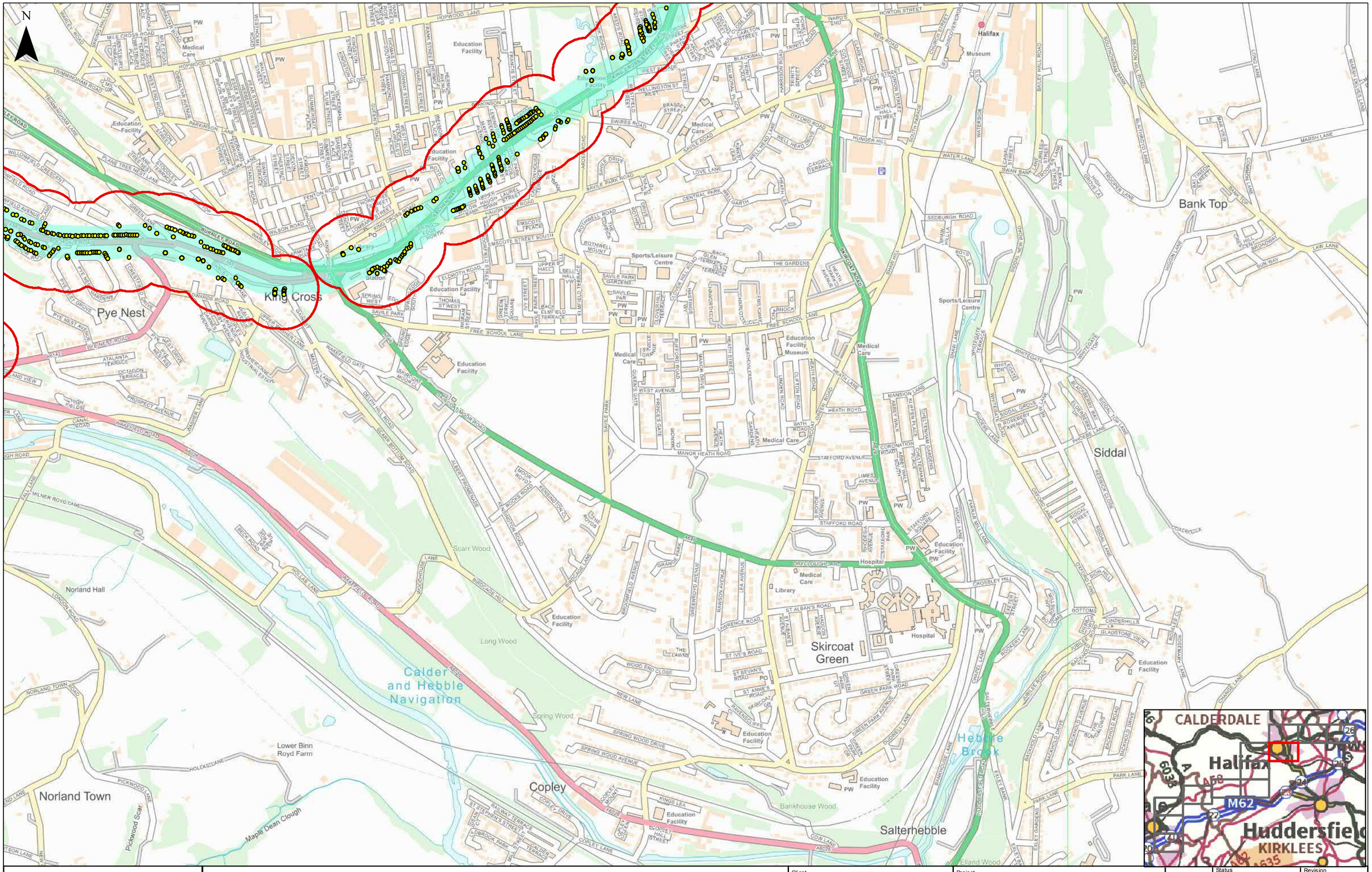

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 4 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00045

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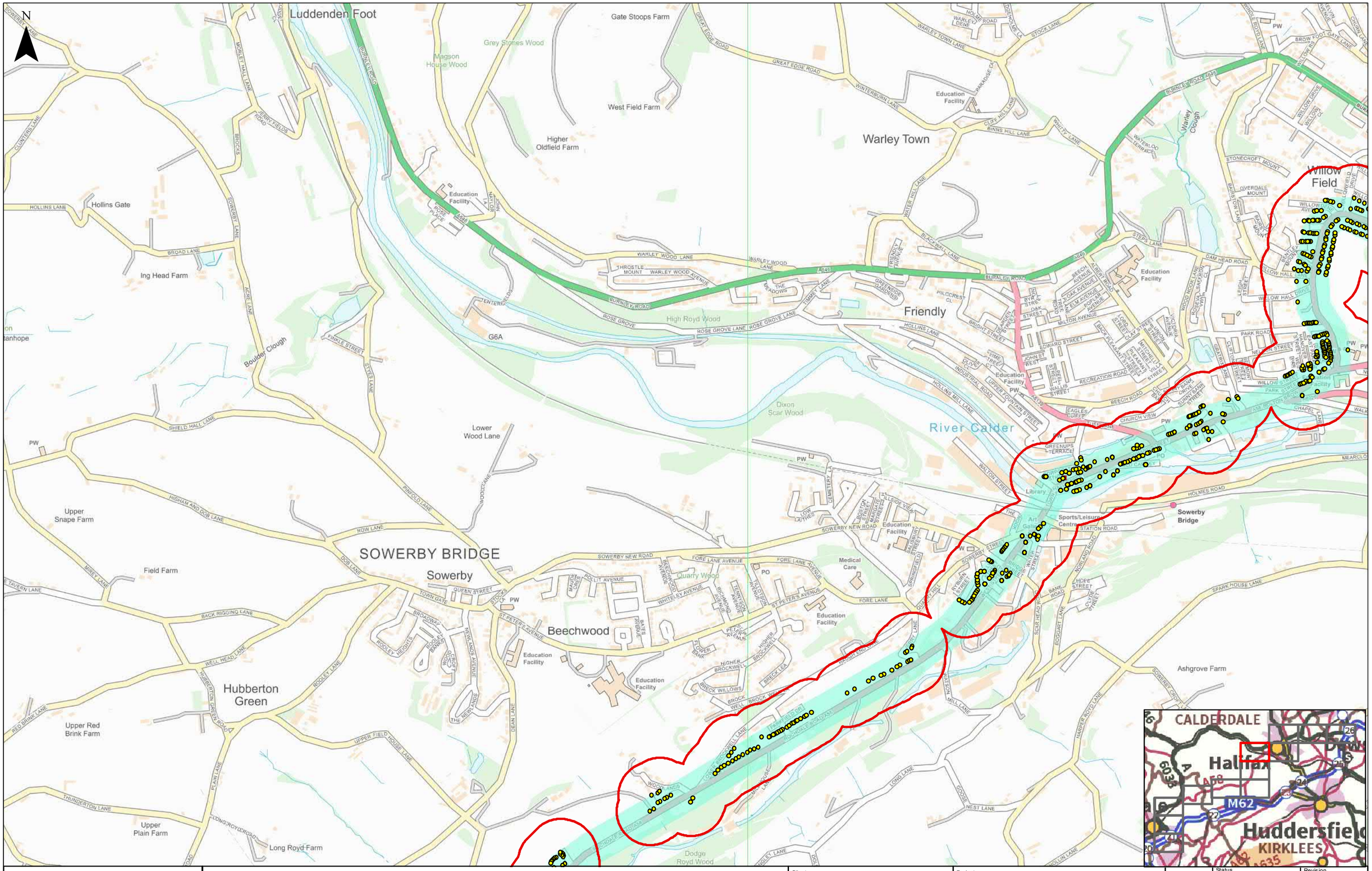

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 5 OF 12**

Status	First Issue	Revision P01
Scale	1:10,000	Date 05/09/2019
Drawn By	CS	
Checked By	MM	
Approved By	DH	
Project No.	HE551534	Originator WSP
Original Size	A3	
Drawing number	Volume EGN	Location SG
Type DR	Role LE	Number 00045
HE551534		

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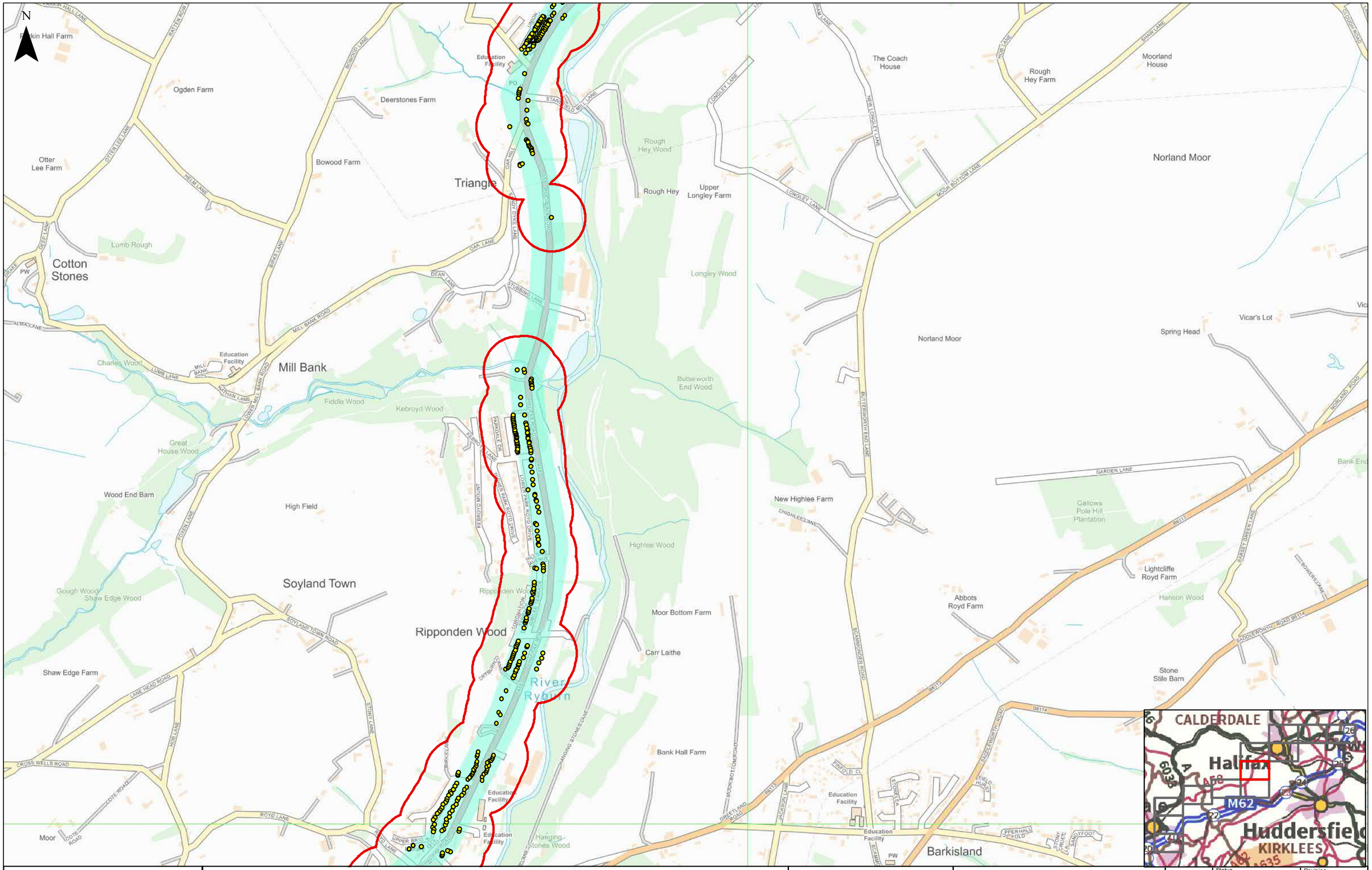

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 6 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00045

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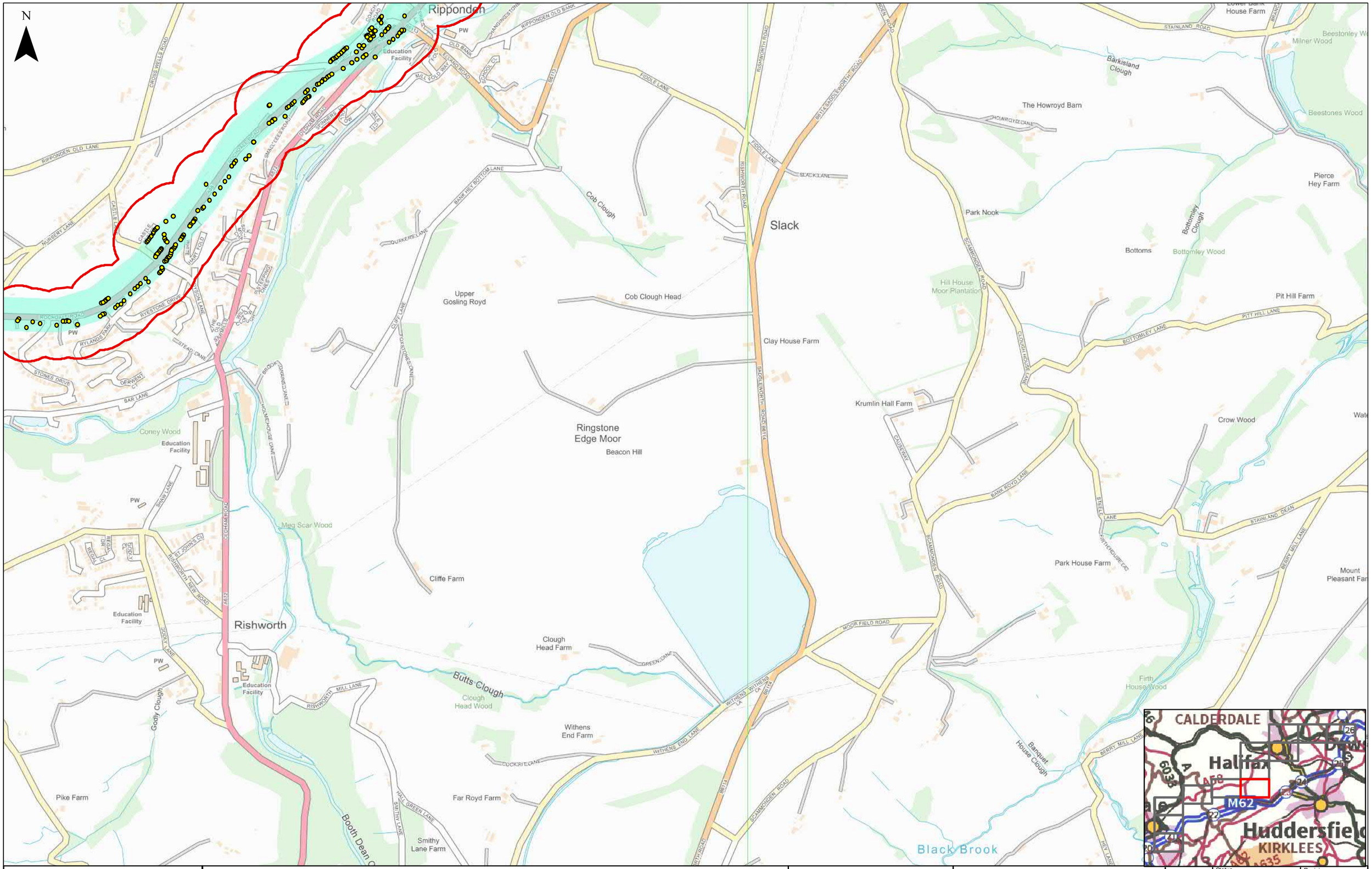

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 7 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00045
HE551534			

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N

Manshead End

Soyland Moor

Black Castle Drain

Baitings Gate Moor

Longsight View

Greenwood Clough

Horse Hey Clough

Baitings Hall Barn

Baitings Cottage

Baitings Reservoir

Clay Clough

Maiden Stones House

Whitegate Head

London Spring Farm

Smith Lane Farm

Drumming Wood

Hanson Wood

Ryburn Reservoir

Rishworth Hall Wood

Knave Holes Clough

Upper Schole Carr

New Barn

Bogden Clough

Cheetham Laithe

Parrock Nook Farm

PW

Mires

Bent Ing Bungalow

Upper Cockcroft Farm

Schole Carr Gutter

White Hollow Clough

Black Hill Clough

Lench House

Blackwood

Warm Withens Drain

Dry Moss

Cat Moss

BLUE BALL ROAD
COAL GATE ROAD
WREN NEST ROAD
LONDON SPRING ROAD
RIPPONDEN OLD LANE
GREEN LANE
GREAT HOUSE LANE
BLUE BALL LANE
ROCHDALE ROAD
HOLLIN LANE
SMITHY CLOUGH LANE
WET PLACE
BARLANE
BAITINGS GATE ROAD
BACK O' TH' HEIGHT
LONG CAUSEWAY
NEWGATE
RISHWORTH NEW ROAD
ONLY GATE

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 8 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00045

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N

Timbercliffe

Higher Gheilburn Reservoir

Leach

Blackstone Edge Reservoir

Sladen Fold

Green Halghs

Castle Clough

Broadhead House

Blackstone Edge Moor

Black Castle Clough

Rag Sapling Clough

Cloise Farm

Overdale House

Higher Swaindrod

Cowberry Hill

Bar House

Lydgate Clough

Blackstone Edge Pasture

Red Brook

Lydgate

Blackstone Edge Fold

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 9 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00045

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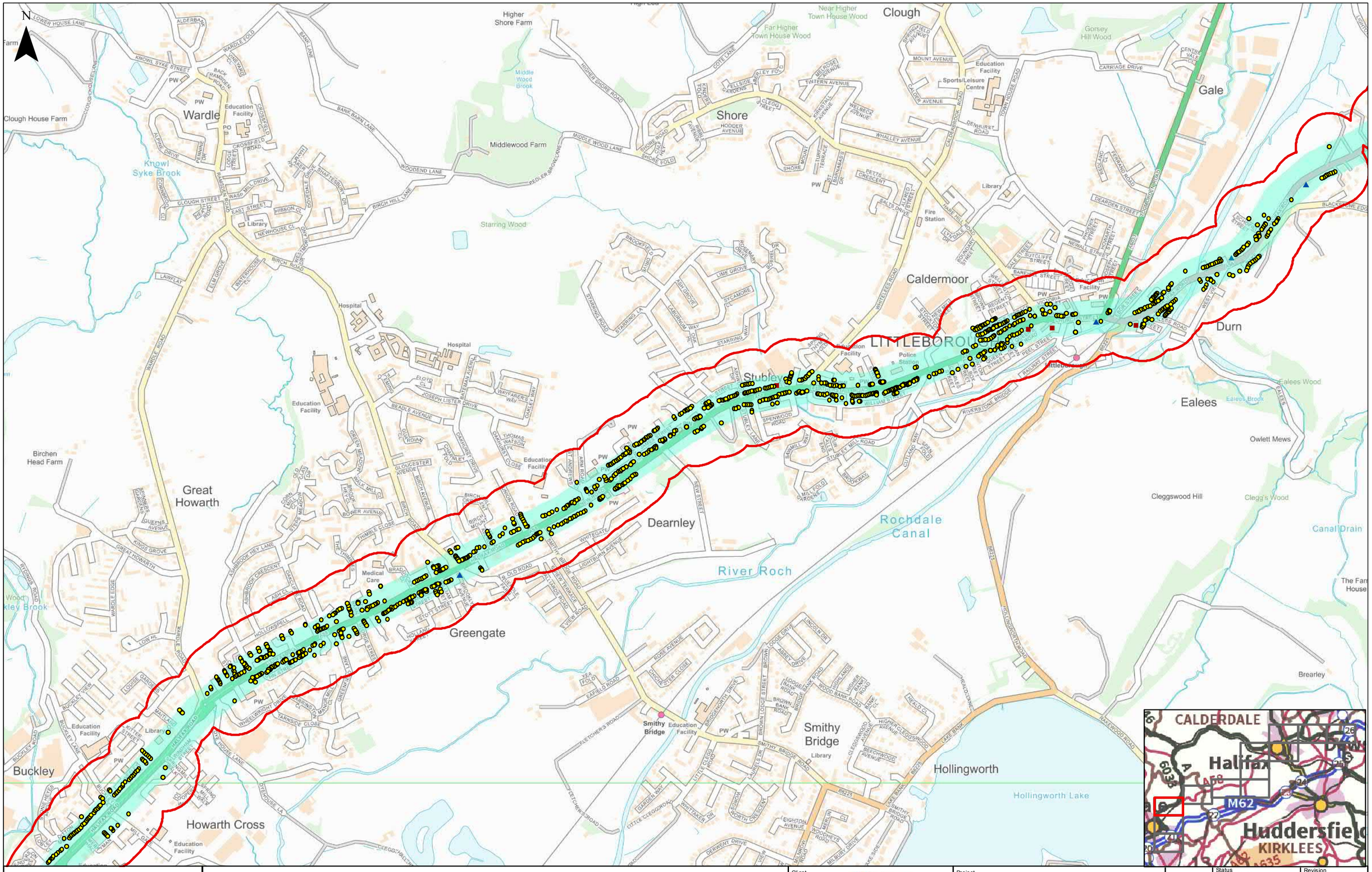

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 10 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number	Volume	Location	Type	Role	Number
HE551534	EGN	SG	DR	LE	00045

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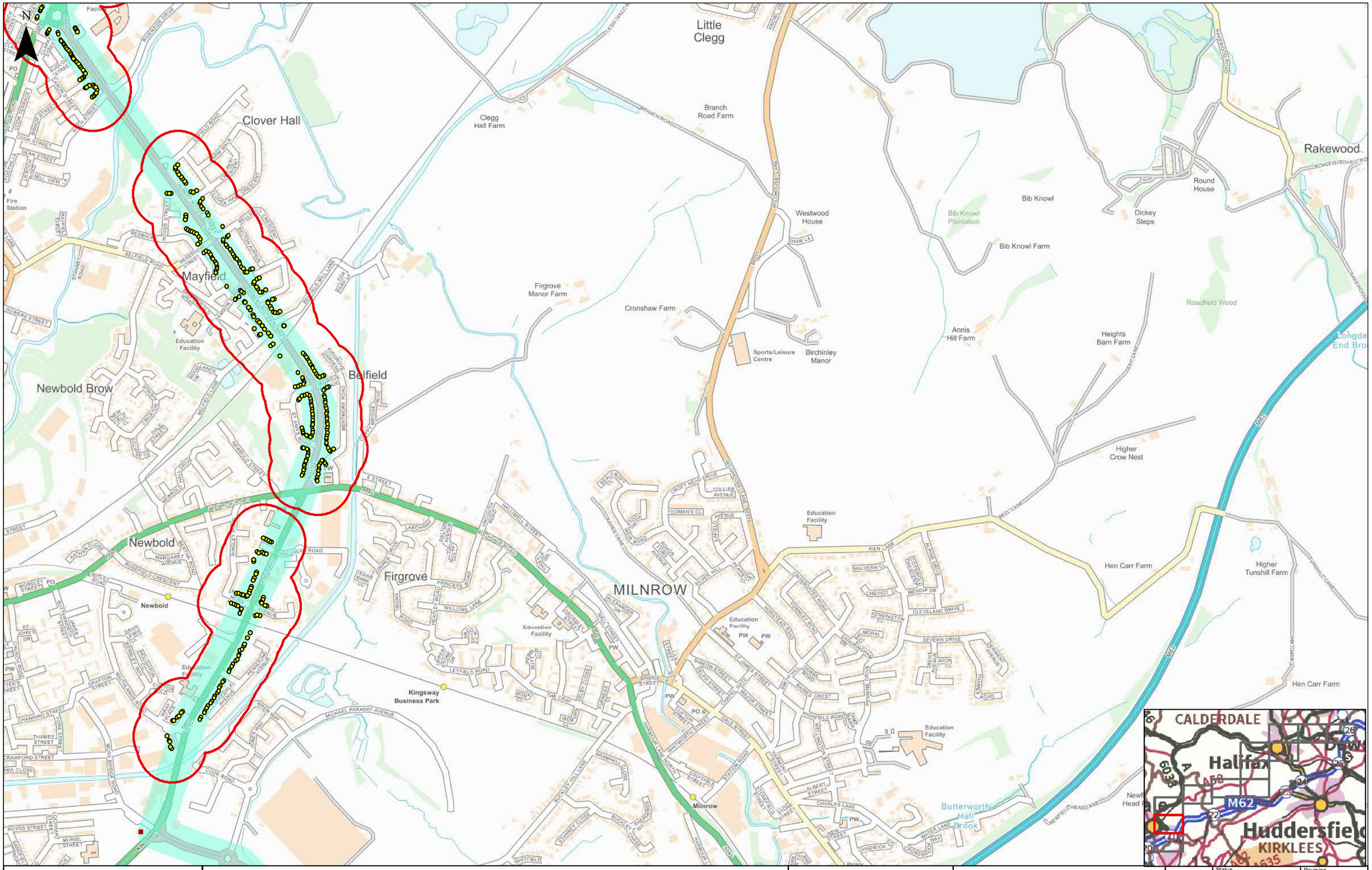

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 11 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00045

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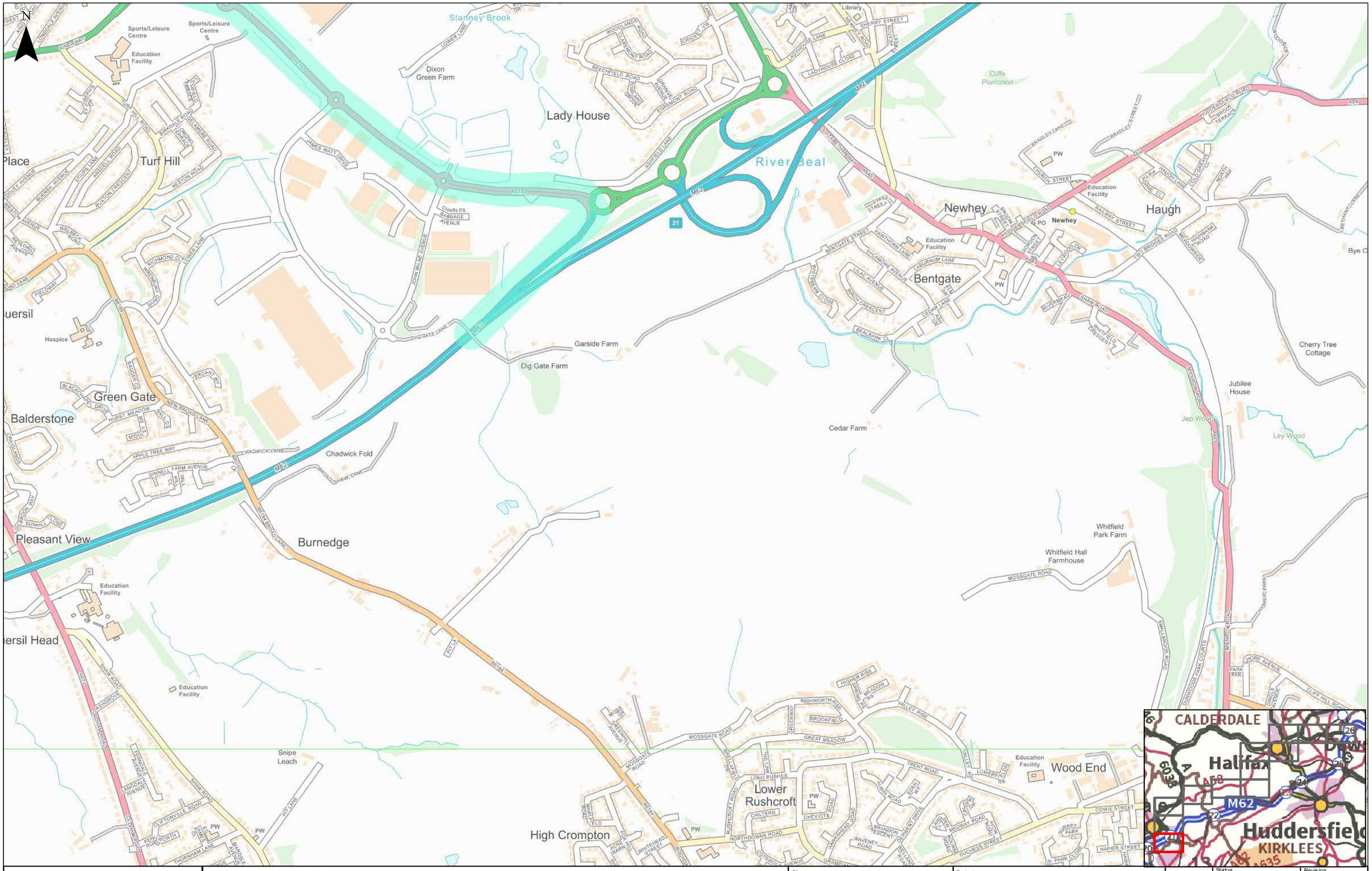

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors

- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Diversion

- Routecard F4 HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.17 ROUTECARD F4 HGV DIVERSION PAGE 12 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number HE551534 — Volume EGN | Location SG | Type DR | Role LE | Number 00045

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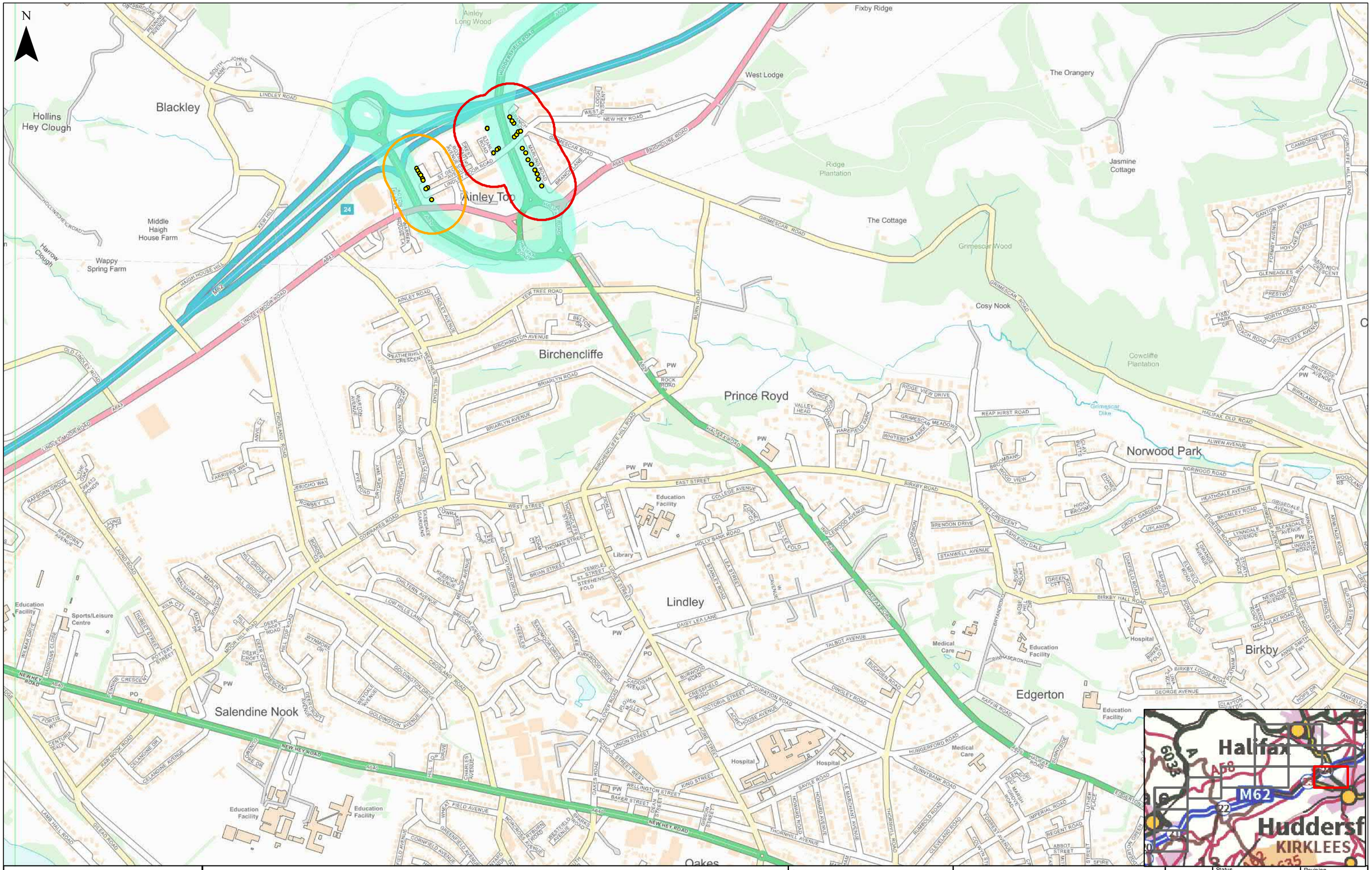

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 1 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00046

HE551534

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N

Calder and Hebble Navigation

Low Fields

Elland Lower Edge

Elland Upper Edge

Heathfield

Rastrick

Rosemount

Round Hill

Hawkyard Mink Farm

Moor Hey Cottage

Lower Moor Hey Farm

North Lodge Farm

Shepherd's House

Fixby Ridge

Storth Wood

Ainley Round Wood

Gernhill Wood

Reins Wood

Strangstry Wood

The Wilderness

Park Wood

Hospital

Education Facility

Medical Care

Library

Fire Station

PW

PO

M62

A58

A641

A643

B6114

Halifax

Huddersf

KIRKLEES

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors

- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk

- High

Diversion

- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 2 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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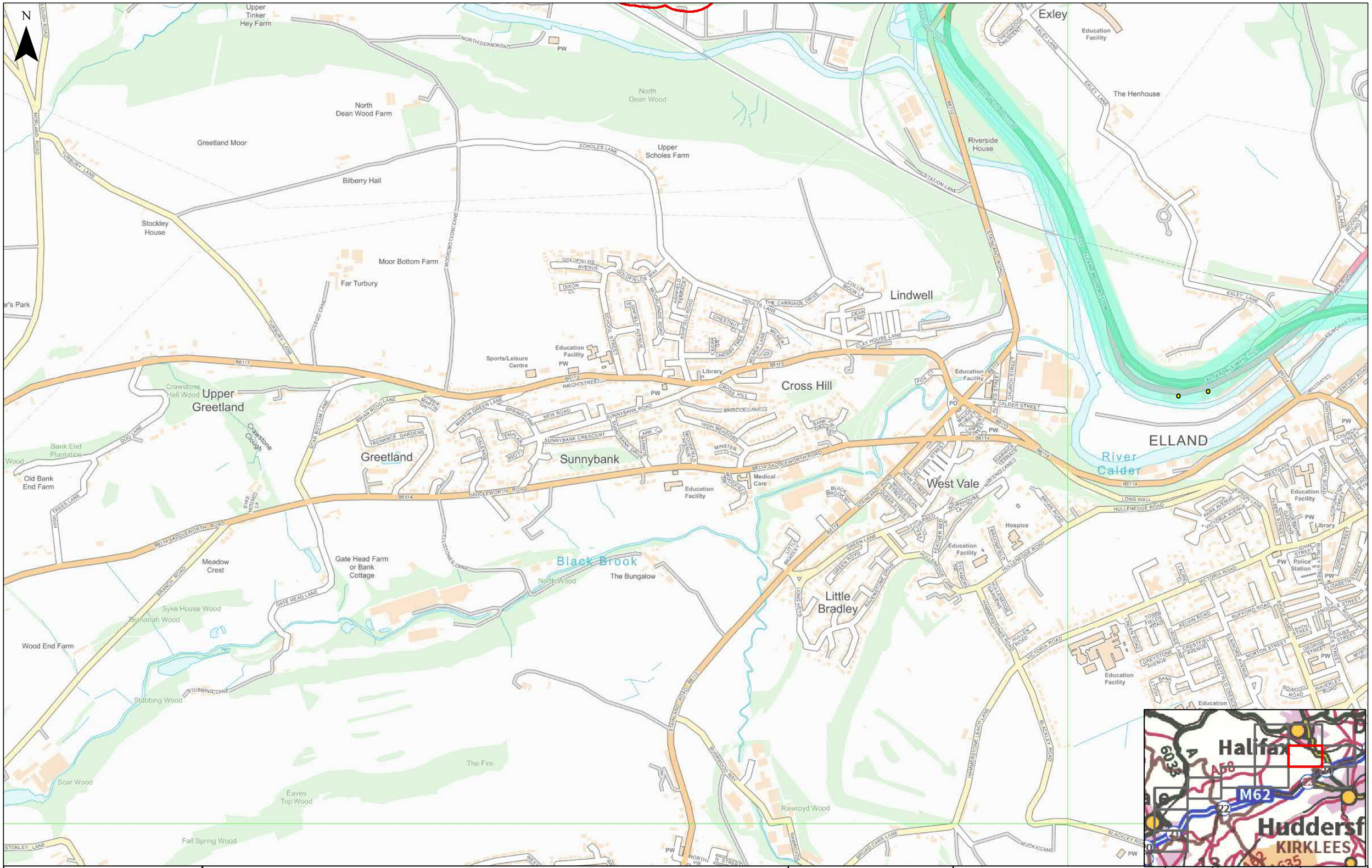

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 3 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00046
HE551534			

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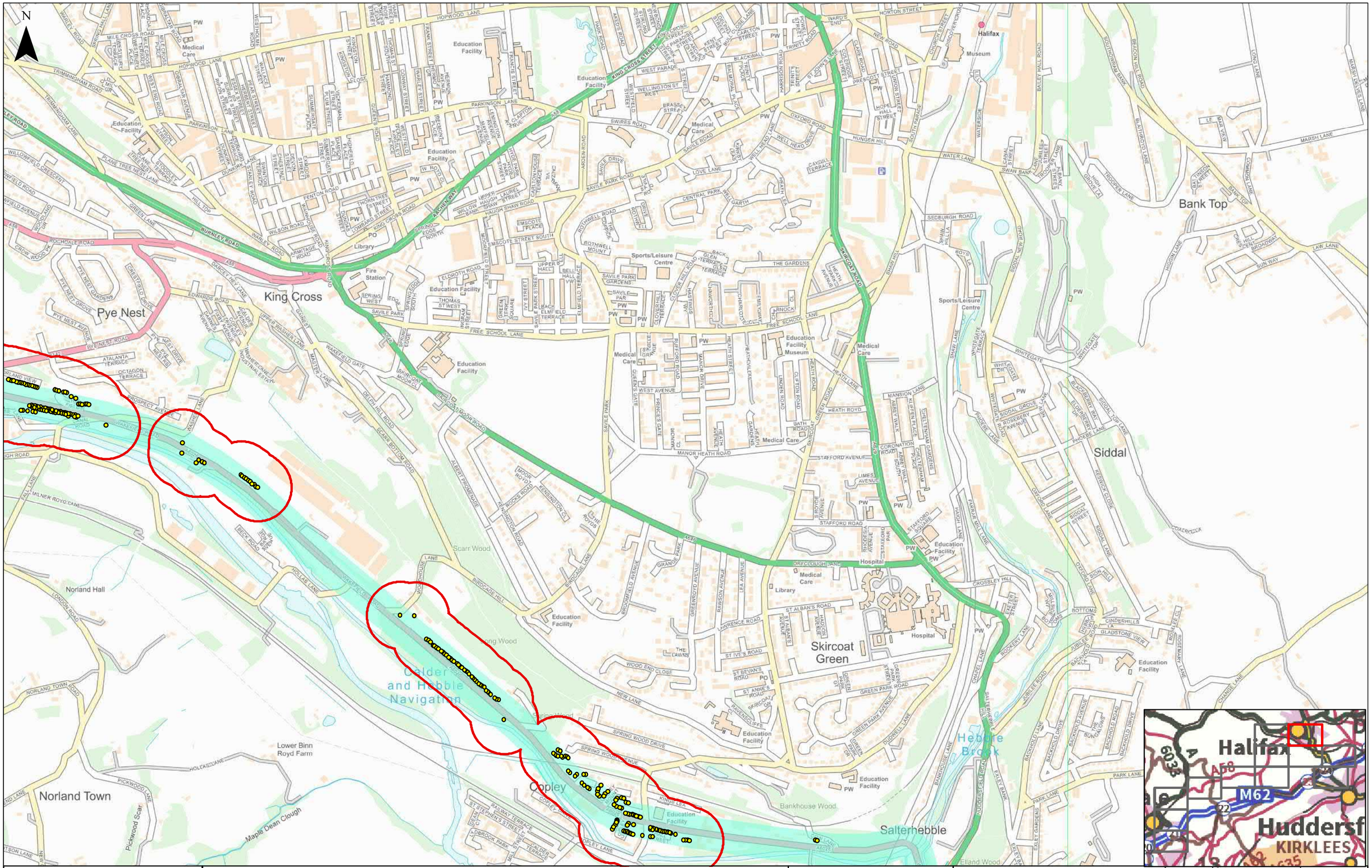

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 4 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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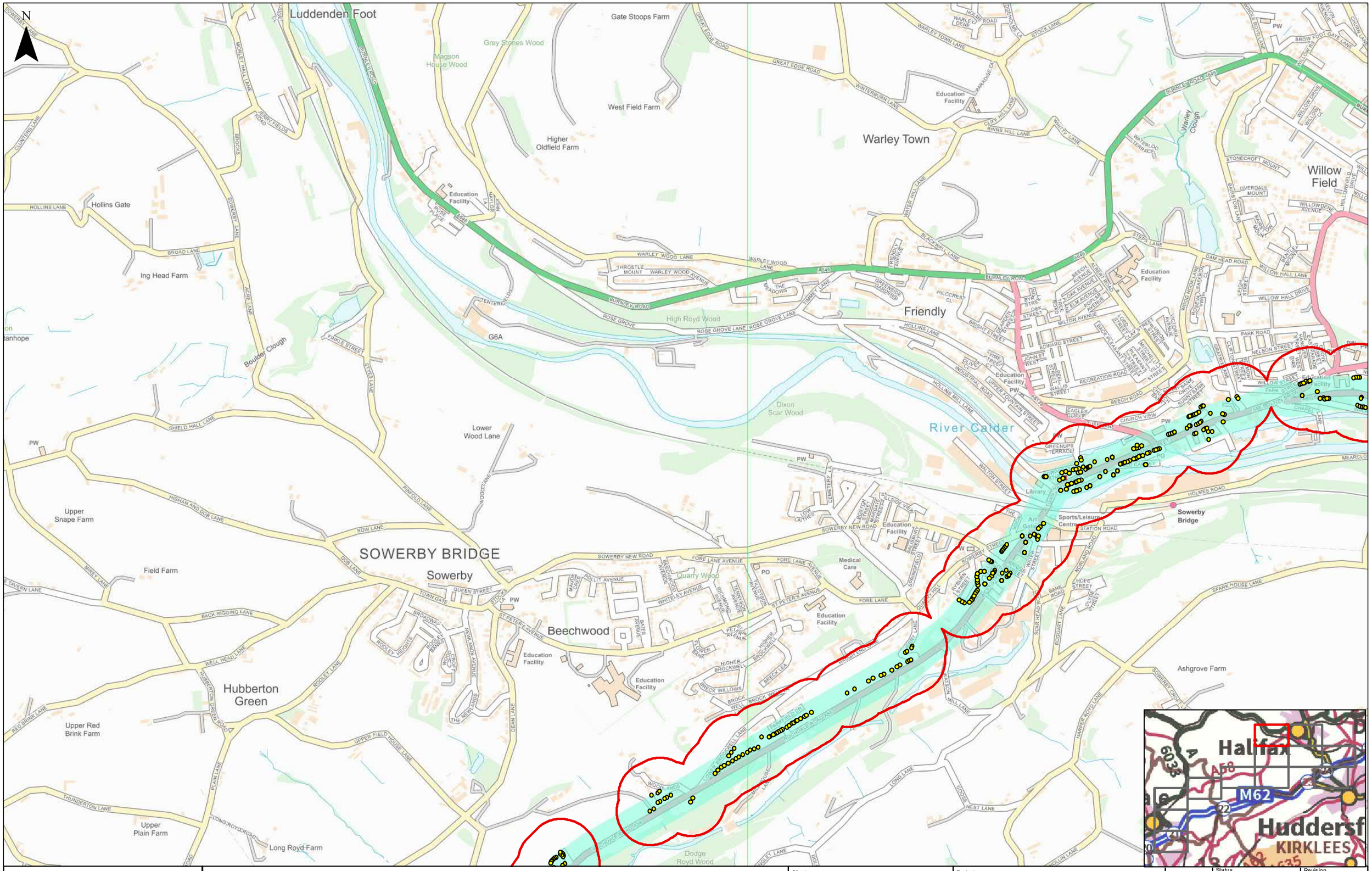

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 5 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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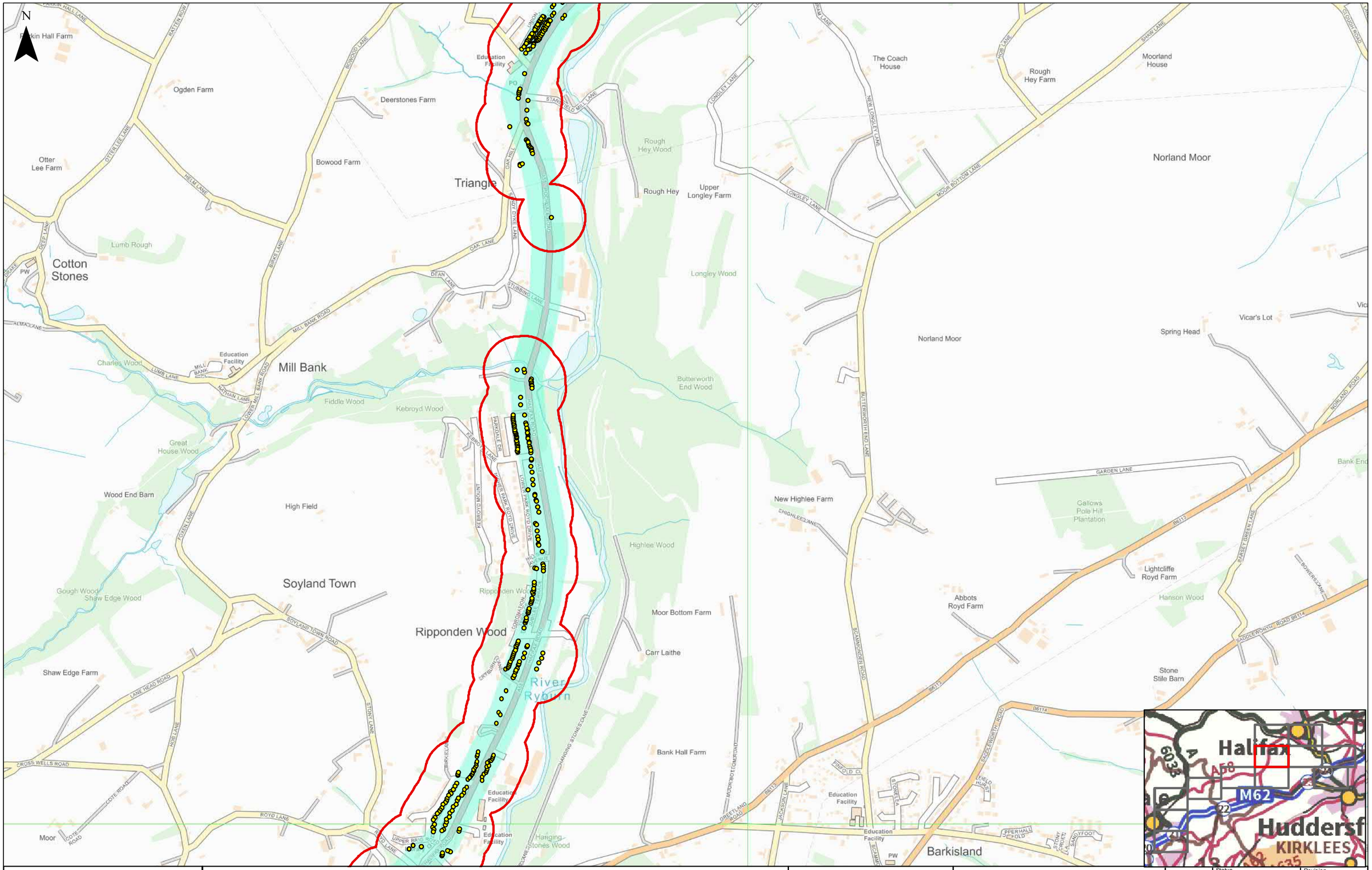

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 6 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume	Location	Type / Role / Number
HE551534	EGN	SG	DR LE 00046

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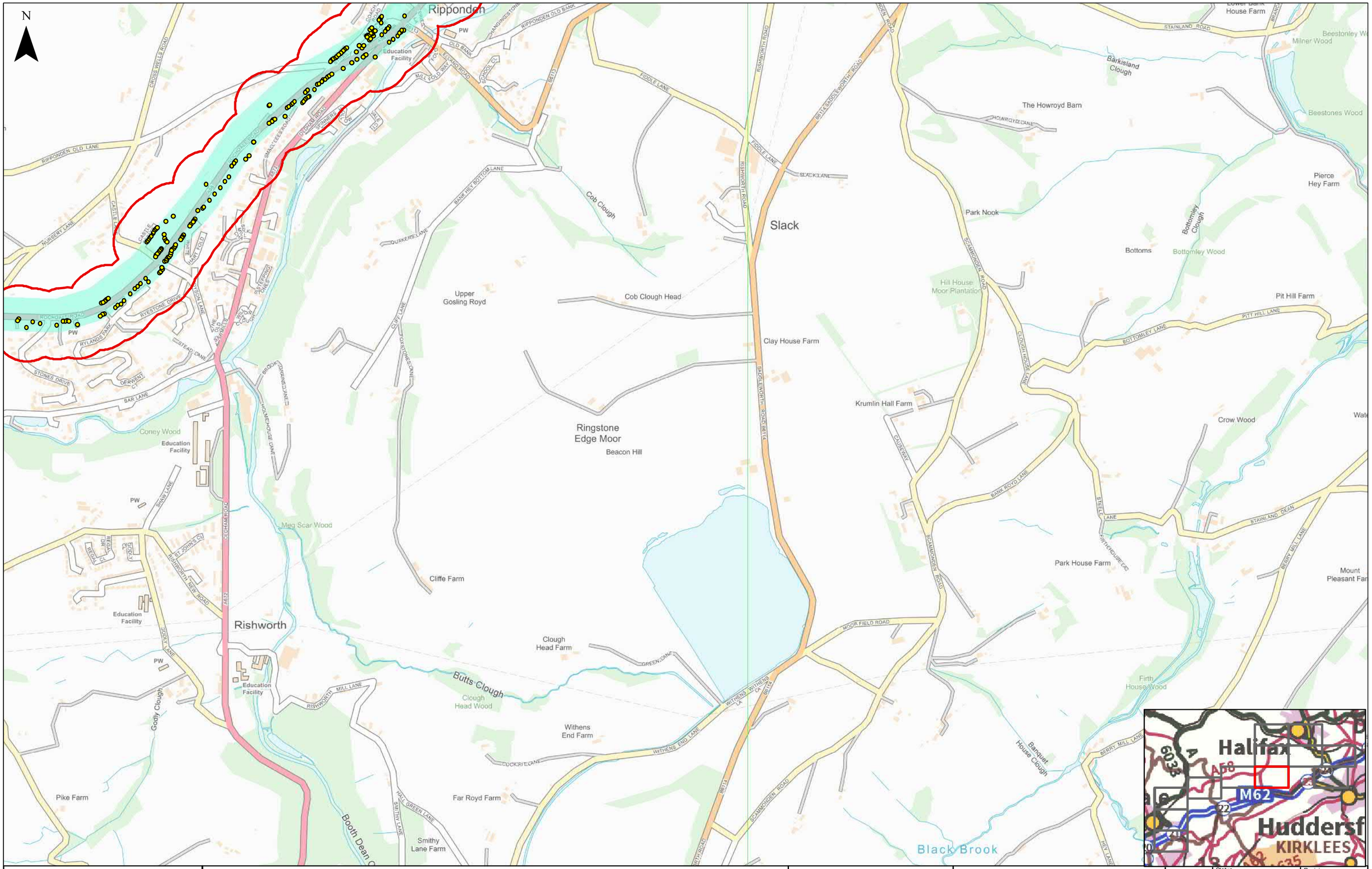

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 7 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date	05/09/2019
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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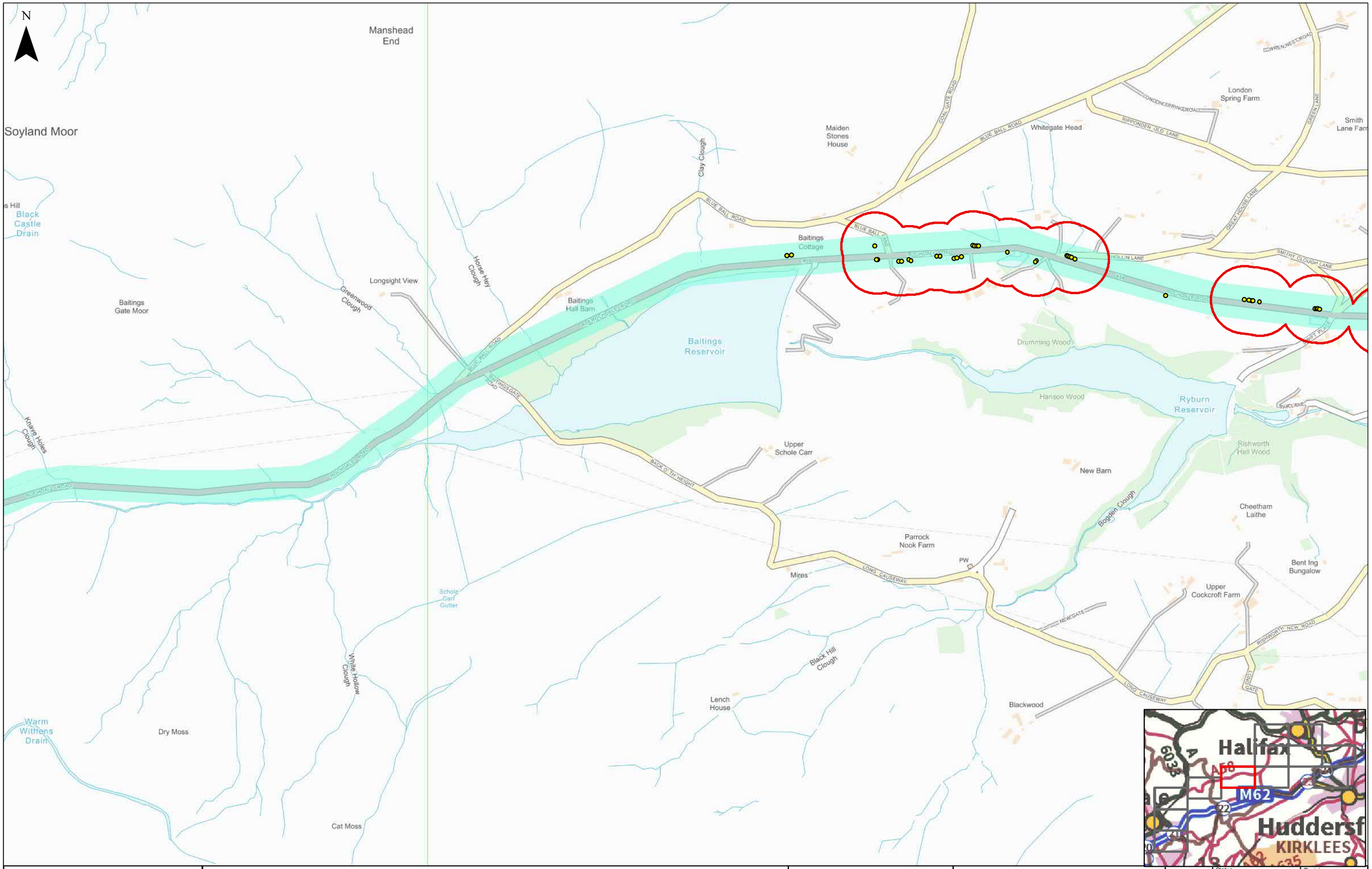

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 8 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number	Volume EGN	Location SG	Type DR / Role LE / Number 00046
HE551534			

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N

Timbercliffe

Sladen Fold

Leach

Higher Chelburn Reservoir

Green Halghs

Castle Clough

Blackstone Edge Reservoir

Broadhead House

Blackstone Edge Moor

Black Castle Clough

Rag Sapling Clough

Cloise Farm

Overdale House

Higher Swaindrod

Cowberry Hill

Bar House

Medical Care

Lydgate Clough

Blackstone Edge Pasture

Red Brook

Lydgate

Blackstone Edge Fold

Blackstone Edge

Shore Lane Brook

Owlet Hall

Broad Head Drain

0 125 250 375 500

Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- Medium
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 9 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3

Drawing number HE551534 — Volume EGN | Location SG | Type DR | Role LE | Number 00046

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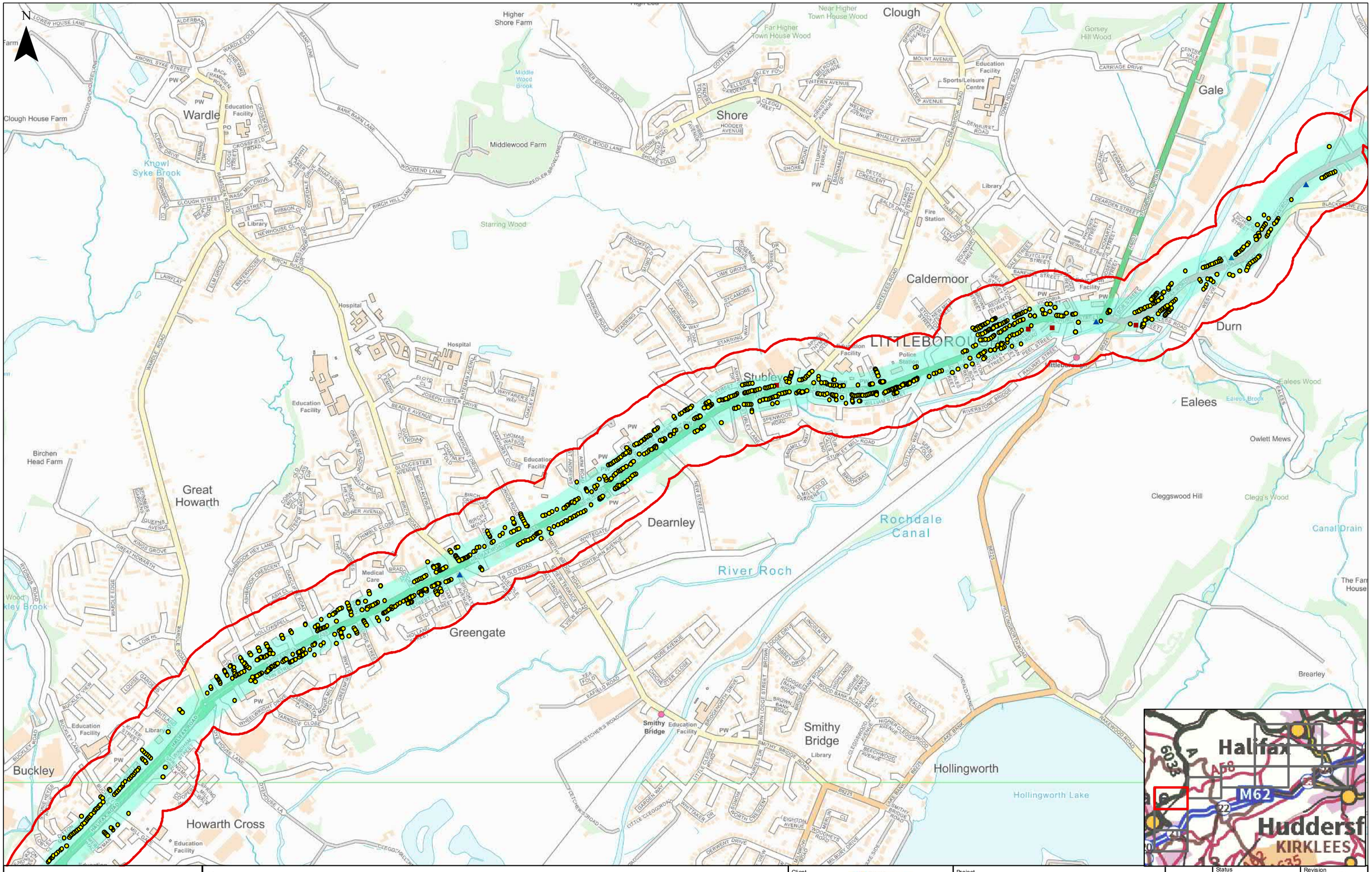

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 10 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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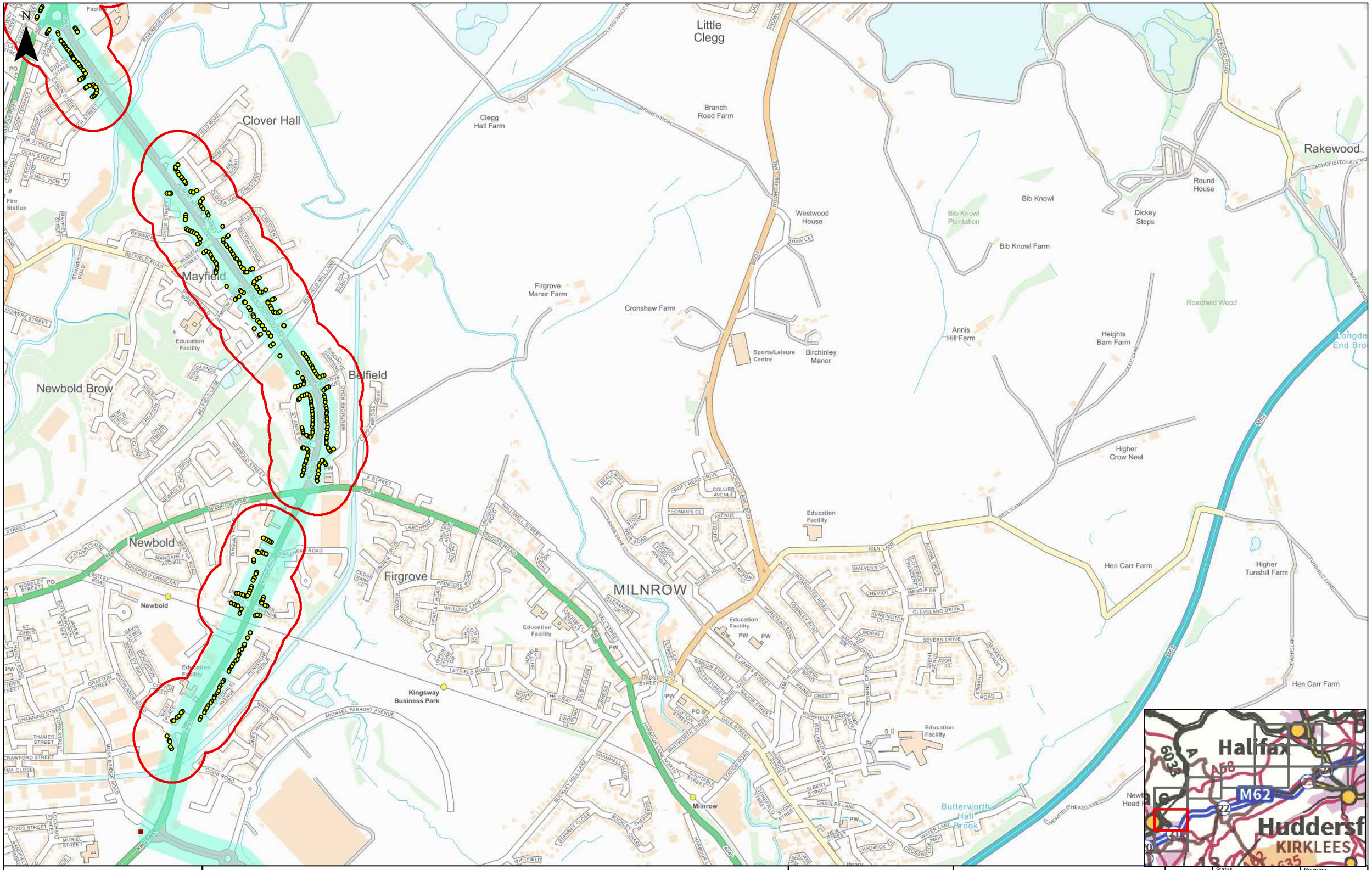

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors
- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Receptor Risk
- High

Diversion
- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 11 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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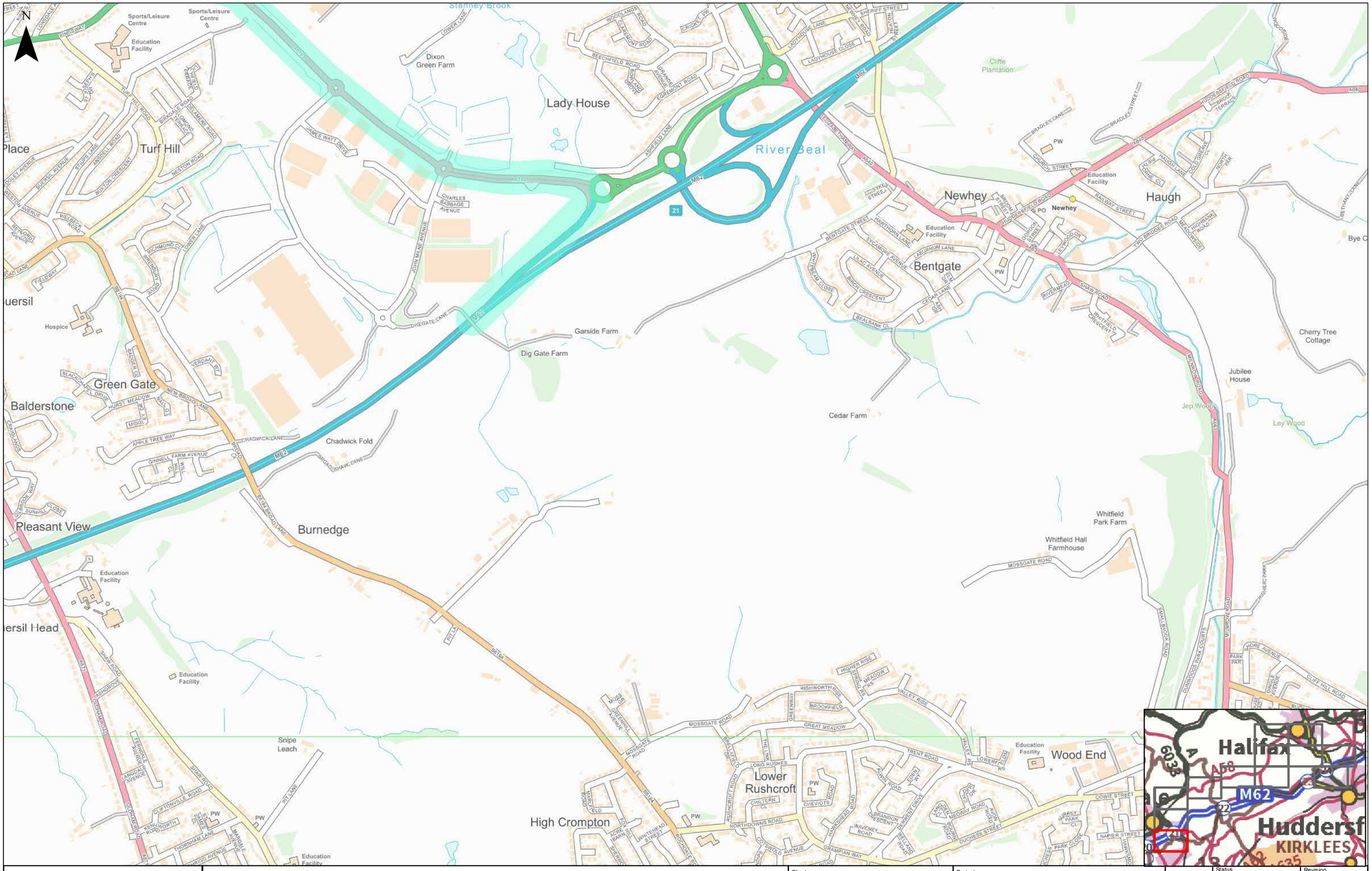

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Meters

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
		05/09/2019				

Key

Receptors

- DWELLING
- HOTEL
- NURSING HOME
- REST HOME

Diversion

- Routecard F4 non HGV Diversion

Client: highways england

wsp

Project: **M62 J20-25 SMART MOTORWAY**

Drawing Title: **FIGURE 8.18 ROUTECARD F4 NON HGV DIVERSION PAGE 12 OF 12**

Status	First Issue	Revision	P01
Scale	1:10,000	Date 05/09/2019	
Drawn By	CS		
Checked By	MM		
Approved By	DH		
Project No.	HE551534	Originator WSP	Original Size A3
Drawing number HE551534	Volume EGN	Location SG	Type DR / Role LE / Number 00046

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