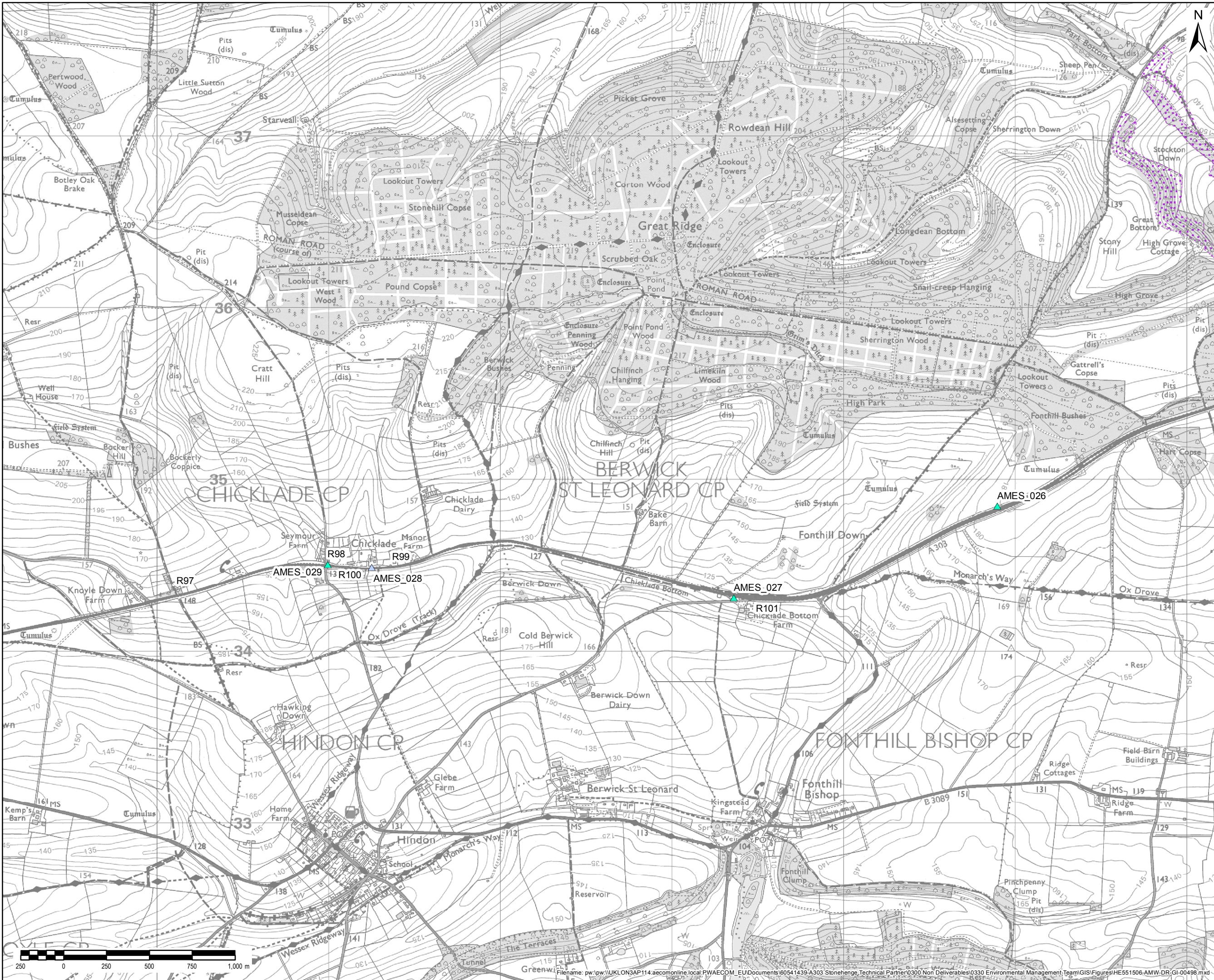




NOTES / LEGEND

- Proposed scheme boundary
- Air Quality Management Area
- Modelled Site of Special Scientific Interest (SSSI)
- Modelled Special Area of Conservation (SAC)
- Modelled Special Protection Area (SPA)
- Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

- <30 µg/m³
- 30-36 µg/m³
- 36-40 µg/m³
- 40-44 µg/m³
- >44 µg/m³

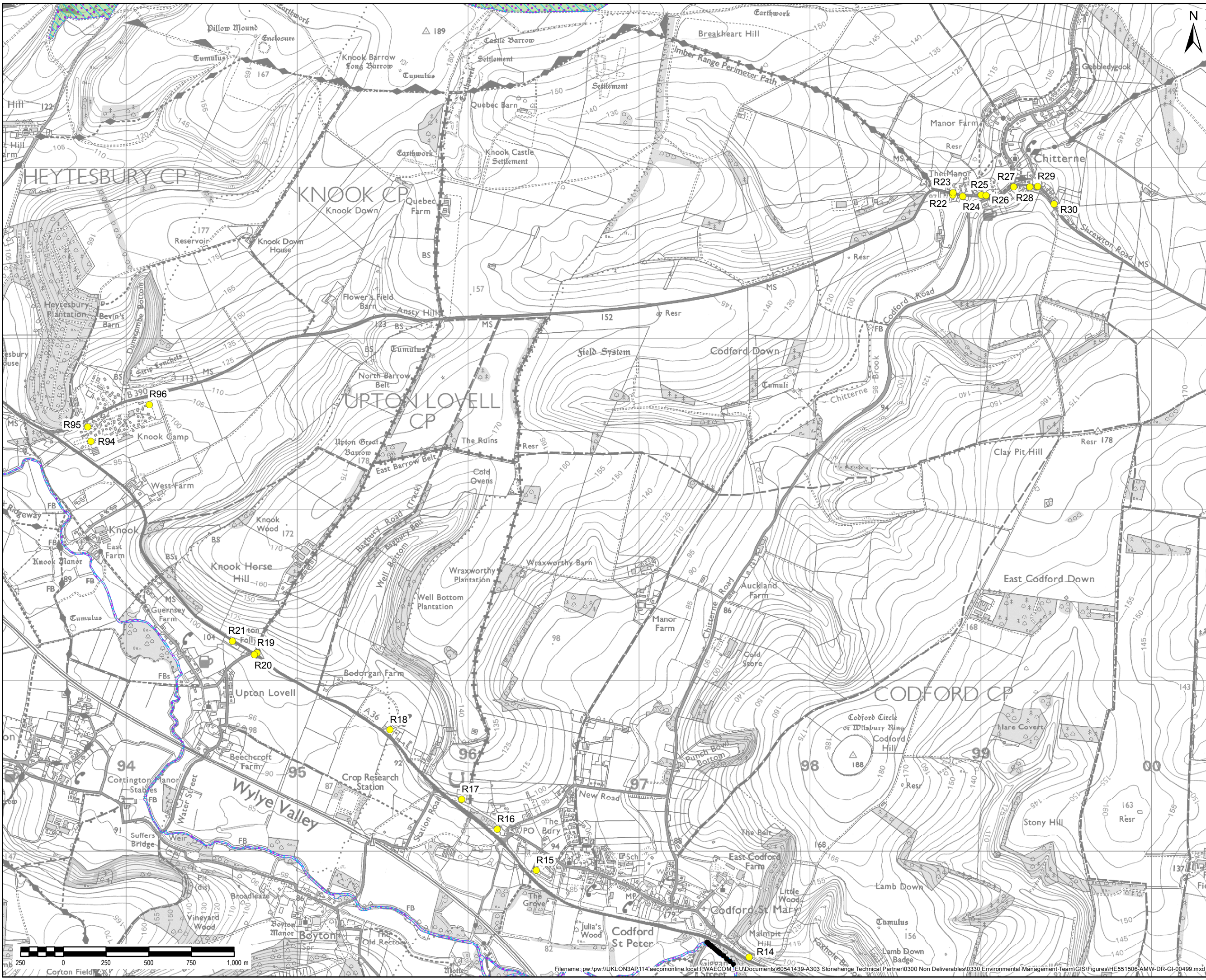
Air Quality Receptor - Annual Mean NO₂ Concentration

- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.

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Revision Details	By	Check	Date	Suffix
Purpose of issue	FINAL			
Client	Working on behalf of highways england			
Project Title	A303 AMESBURY TO BERWICK DOWN			
Drawing Title	FIGURE 5.5A AIR QUALITY MODELLING (CONSTRUCTION PHASE 2)			
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	13/09/18
Internal Project No.	60547200			
Scale @ A3	1:20,000		Zone	SW
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Highways England Temple Quay House 2 The Square, Temple Quay Bristol BS1 6HA				 AECOM + mace + WSP
Drawing Number	Originator	Volume	Rev	
HE551506	AMW	GEN	01	
SCHEME WIDE		DR	GI	00498
Location	Type	Role	Number	



- NOTES / LEGEND
- Proposed scheme boundary
 - Air Quality Management Area
 - Modelled Special Area of Conservation (SAC)
 - Modelled Special Protection Area (SPA)
 - Modelled Site of Special Scientific Interest (SSSI)
 - Air Quality Designated Ecosystem Receptor

Air Quality Monitor

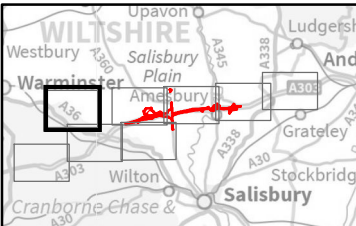
Annual Mean NO₂ Concentration

- <30 µg/m³
- 30-36 µg/m³
- 36-40 µg/m³
- 40-44 µg/m³
- >44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.



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Revision Details	By	Check	Date	Suffix
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Purpose of issue
FINAL

Client
Highways England
Working on behalf of
highways england

Project Title
A303 AMESBURY TO BERWICK DOWN

Drawing Title
FIGURE 5.5B
AIR QUALITY MODELLING
(CONSTRUCTION PHASE 2)

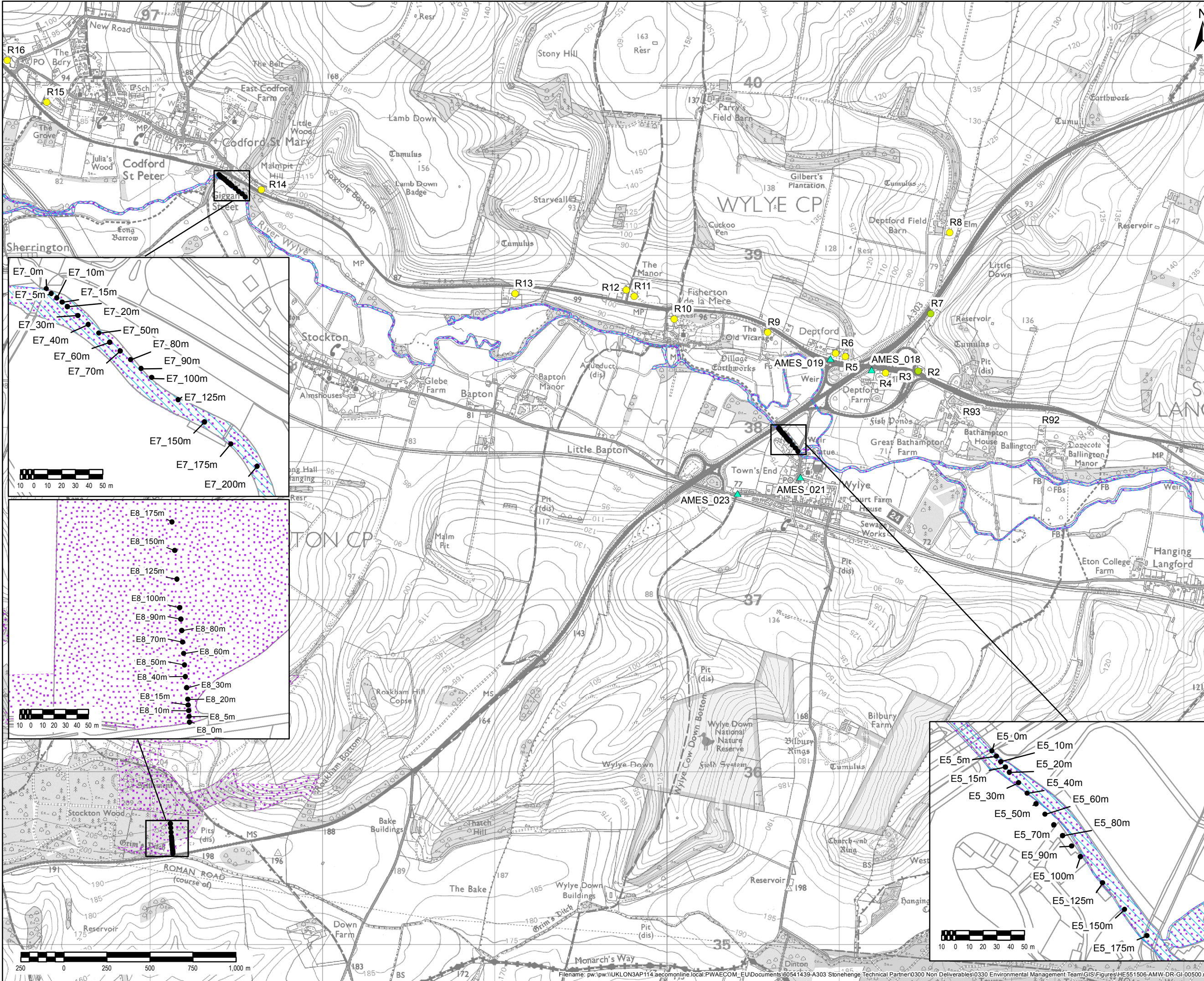
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	13/09/18

Internal Project No.
60547200
Scale @ A3
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Zone
SW

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Temple Quay House
2 The Square, Temple Quay
Bristol
BS1 6HA
AmW
AECOM + mace + WSP

Drawing Number	Originator	Volume	Rev
HE551506	AMW	GEN	01
SCHEME WIDE	DR	GI	00499
Location	Type	Role	Number



NOTES / LEGEND

- Proposed scheme boundary
- Air Quality Management Area
- Modelled Special Area of Conservation (SAC)
- Modelled Special Protection Area (SPA)
- Modelled Site of Special Scientific Interest (SSSI)
- Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

- <30 µg/m³
- 30-36 µg/m³
- 36-40 µg/m³
- 40-44 µg/m³
- >44 µg/m³

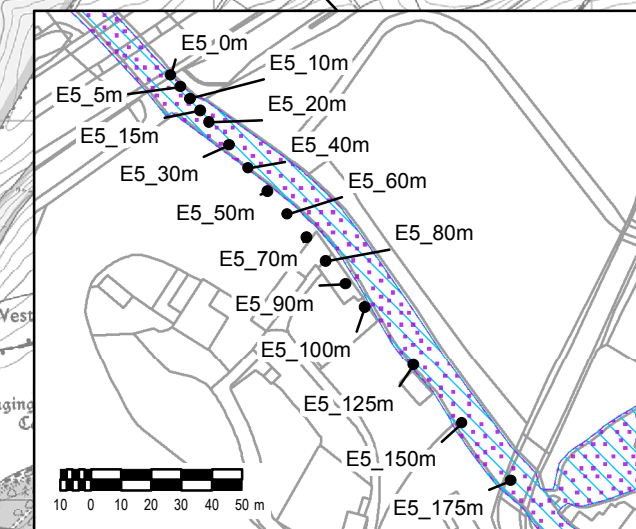
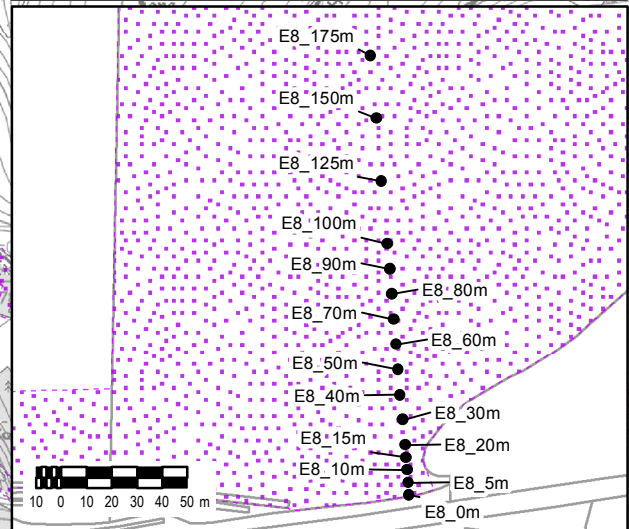
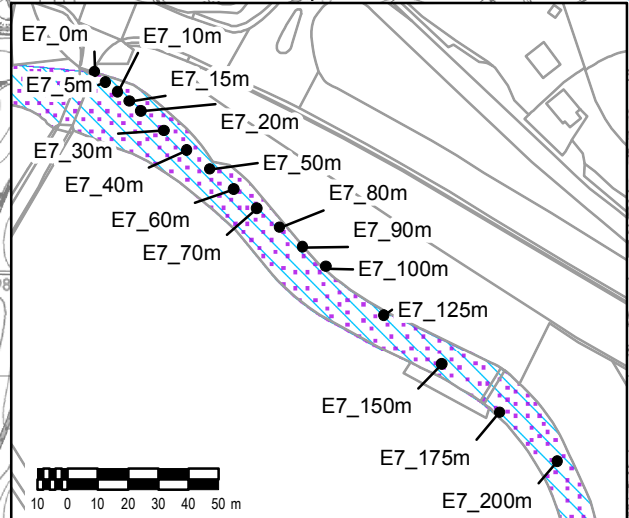
Air Quality Receptor - Annual Mean NO₂ Concentration

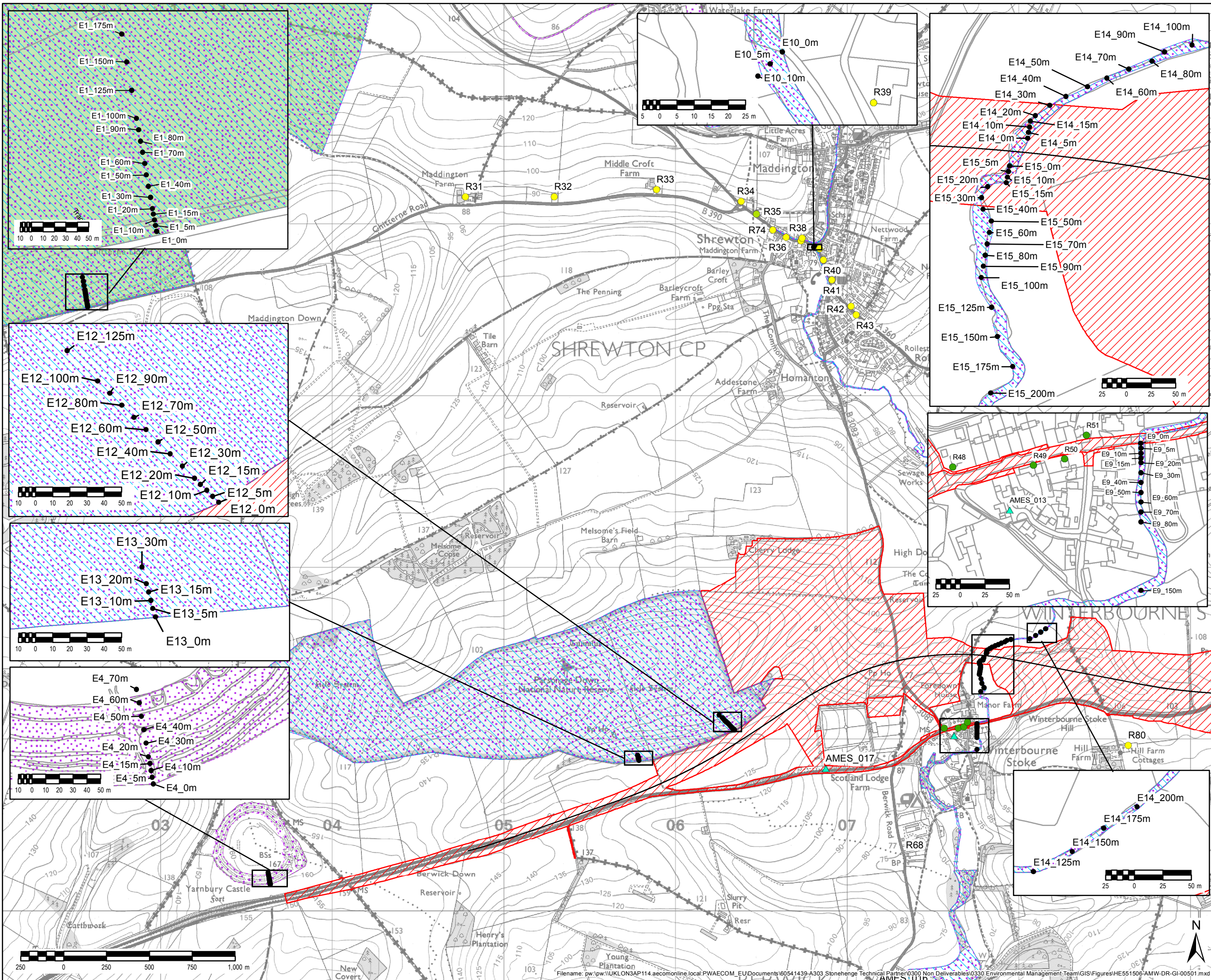
- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.

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Revision Details	By	Check	Date	Suffix					
Purpose of issue									
FINAL									
Client	Highways England								
Working on behalf of	highways england								
Project Title	A303 AMESBURY TO BERWICK DOWN								
Drawing Title	FIGURE 5.5C AIR QUALITY MODELLING (CONSTRUCTION PHASE 2)								
Designed	NE	Drawn	TD	Checked	GM	Approved	SMQ	Date	13/09/18
Internal Project No.	60547200								
Scale	A3		Zone		SW				
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Highways England Temple Quay House 2 The Square, Temple Quay Bristol BS1 6HA									
AmW AECOM + mace + WSP									
Drawing Number	HE551506	Originator	AMW	Volume	GEN	Rev	01		
Scheme Wide	DR	GI	00500						
Location	Type Role Number								





NOTES / LEGEND

- Indicative centreline
- Proposed tunnel
- Proposed scheme boundary
- Air Quality Management Area
- Modelled Special Area of Conservation (SAC)
- Modelled Special Protection Area (SPA)
- Modelled Site of Special Scientific Interest (SSSI)
- Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

- <30 µg/m³
- 30-36 µg/m³
- 36-40 µg/m³
- 40-44 µg/m³
- >44 µg/m³

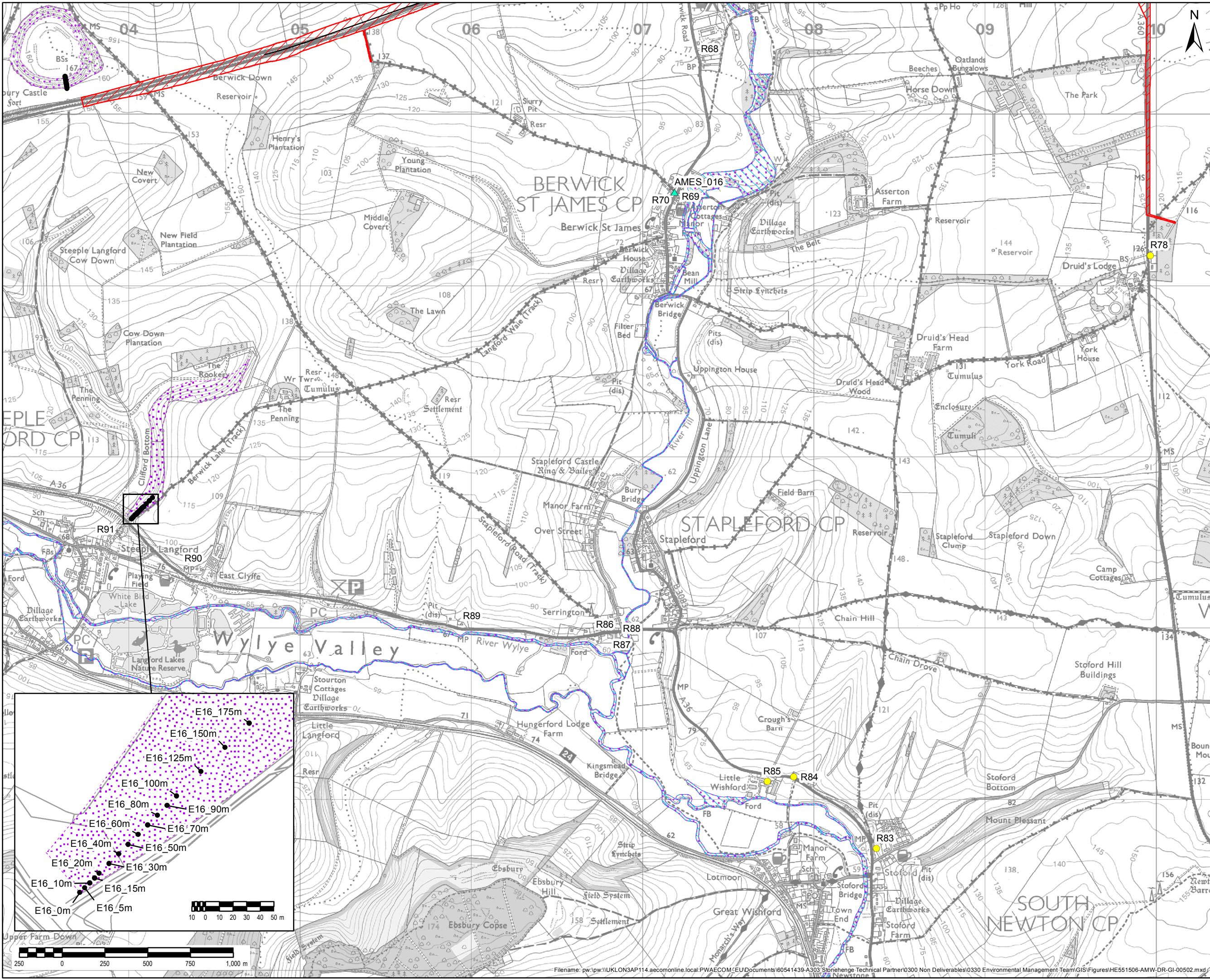
Air Quality Receptor - Annual Mean NO₂ Concentration

- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.

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Revision Details		By	Check	Date	Suffix
Purpose of issue					
FINAL					
Client		Working on behalf of			
Highways England					
Project Title					
A303 AMESBURY TO BERWICK DOWN					
Drawing Title					
FIGURE 5.5D AIR QUALITY MODELLING (CONSTRUCTION PHASE 2)					
Designed	Drawn	Checked	Approved	Date	
NE	TD	GM	SMO	28/09/18	
Internal Project No. 60547200					
Scale @ A3		Zone		SW	
1:20,000		SW			
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Highways England Temple Quay House 2 The Square, Temple Quay Bristol BS1 6HA					
AECOM + mace + WSP					
Drawing Number		Originator		Volume	
HE551506		AMW		GEN	
SCHEME WIDE		DR		GI 00501	
Location		Type		Role	
				Number	
				01	



NOTES / LEGEND

- Indicative centreline
- Proposed scheme boundary
- Air Quality Management Area
- Modelled Special Area of Conservation (SAC)
- Modelled Special Protection Area (SPA)
- Modelled Site of Special Scientific Interest (SSSI)
- Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

- <30 µg/m³
- 30-36 µg/m³
- 36-40 µg/m³
- 40-44 µg/m³
- >44 µg/m³

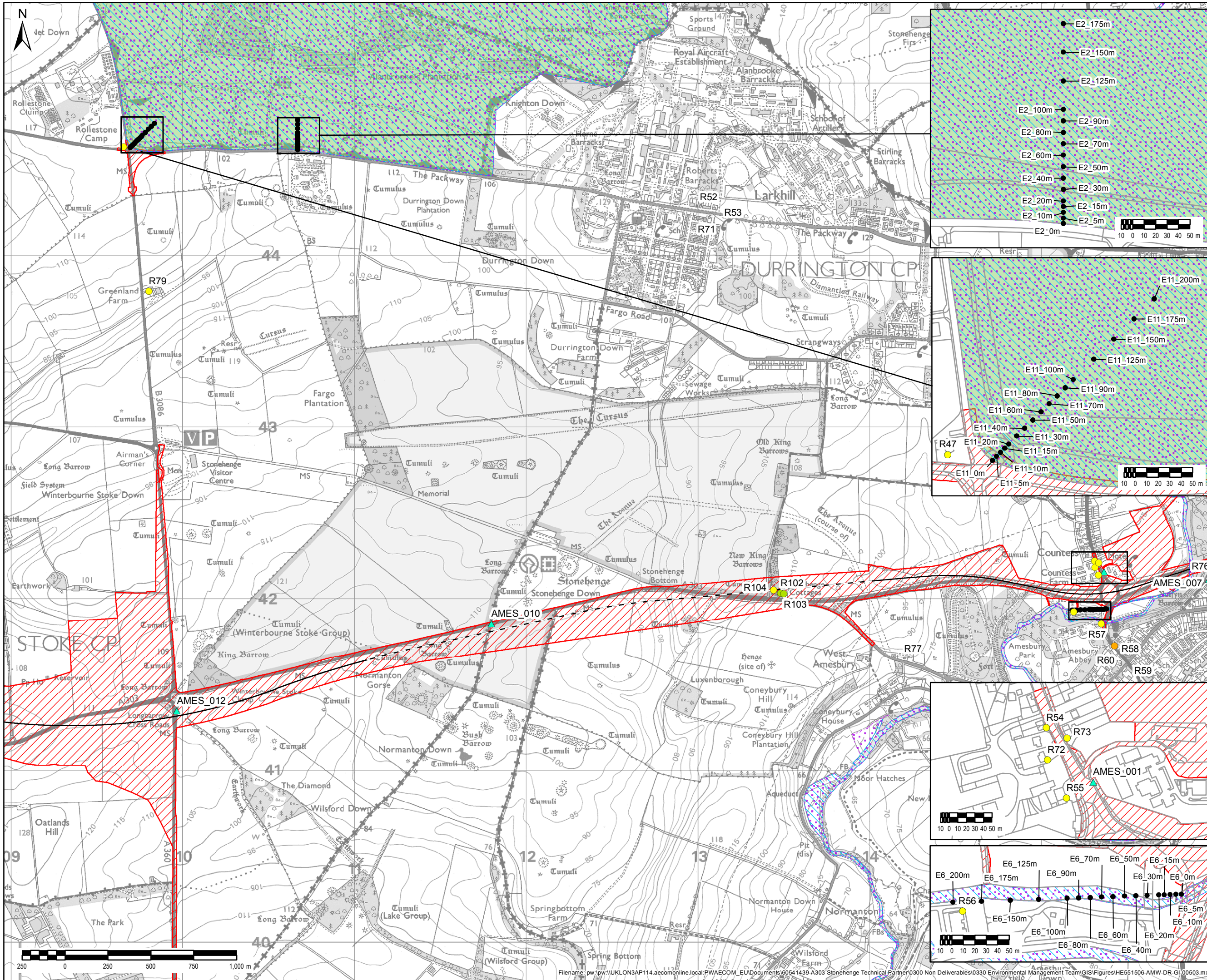
Air Quality Receptor - Annual Mean NO₂ Concentration

- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.

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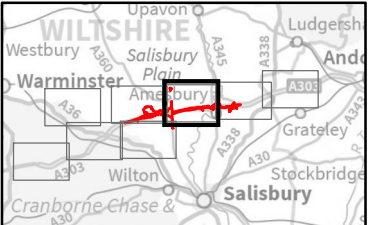
Revision Details	By	Check	Date	Suffix
Purpose of issue				
FINAL				
Client	Highways England			
Working on behalf of	highways england			
Project Title	A303 AMESBURY TO BERWICK DOWN			
Drawing Title	FIGURE 5.5E AIR QUALITY MODELLING (CONSTRUCTION PHASE 2)			
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	13/09/18
Internal Project No.	60547200			
Scale @ A3	1:20,000	Zone	SW	
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AmW AECOM + mace + WSP				
Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551506	AMW	GEN	01	
SCHEME WIDE		DR	GI	00502
Location		Type	Role	Number



- NOTES / LEGEND
- Indicative centreline
 - Proposed tunnel
 - Proposed scheme boundary
 - Air Quality Management Area
 - Modelled Special Area of Conservation (SAC)
 - Modelled Special Protection Area (SPA)
 - Modelled Site of Special Scientific Interest (SSSI)
 - Air Quality Designated Ecosystem Receptor

- Air Quality Monitor**
- Annual Mean NO₂ Concentration**
- <30 µg/m³
 - 30-36 µg/m³
 - 36-40 µg/m³
 - 40-44 µg/m³
 - >44 µg/m³

- Air Quality Receptor - Annual Mean NO₂ Concentration**
- Large decrease
 - Medium decrease
 - Small decrease
 - Imperceptible
 - Small increase
 - Medium increase
 - Large increase
- Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.



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Revision Details	By	Check	Date	Suffix
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Purpose of issue
FINAL

Client
Highways England
Working on behalf of
highways england

Project Title
A303 AMESBURY TO BERWICK DOWN

Drawing Title
FIGURE 5.5F
AIR QUALITY MODELLING
(CONSTRUCTION PHASE 2)

Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	13/09/18

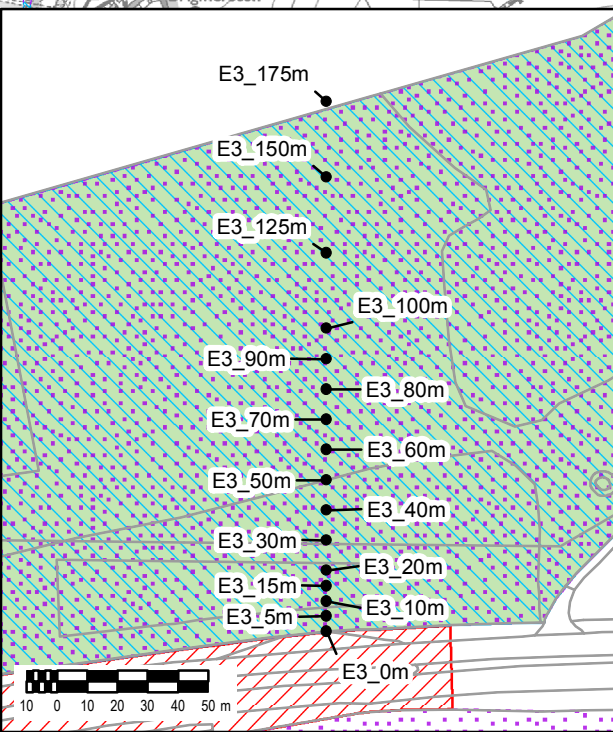
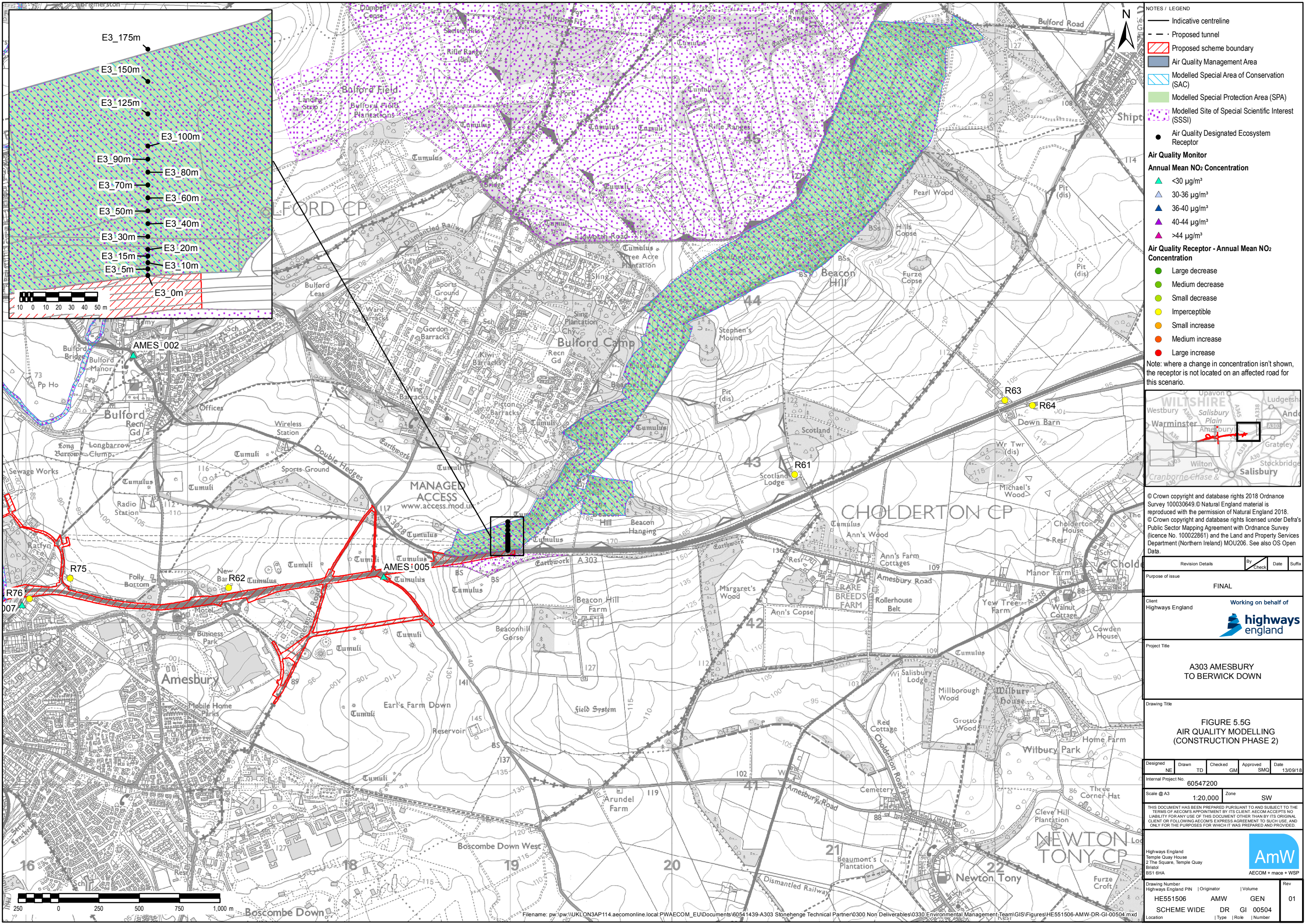
Internal Project No.
60547200

Scale @ A3
1:20,000
Zone
SW

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Bristol
BS1 6HA
AmW
AECOM + mace + WSP

Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551506	AMW	GEN	01	
SCHEME WIDE	DR	GI	00503	
Location	Type	Role	Number	



- NOTES / LEGEND
- Indicative centreline
 - Proposed tunnel
 - Proposed scheme boundary
 - Air Quality Management Area
 - Modelled Special Area of Conservation (SAC)
 - Modelled Special Protection Area (SPA)
 - Modelled Site of Special Scientific Interest (SSSI)

Air Quality Designated Ecosystem Receptor

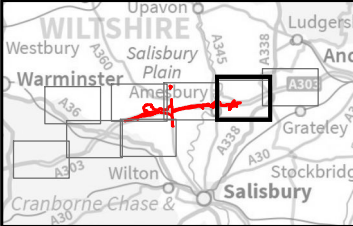
Air Quality Monitor

- Annual Mean NO₂ Concentration
- <30 µg/m³
 - 30-36 µg/m³
 - 36-40 µg/m³
 - 40-44 µg/m³
 - >44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.



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Project Title

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Bristol

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AECOM + mace + WSP

Drawing Number

Highways England PIN

Volume

Rev

HE551506

AMW

GEN

01

SCHEME WIDE

DR

GI

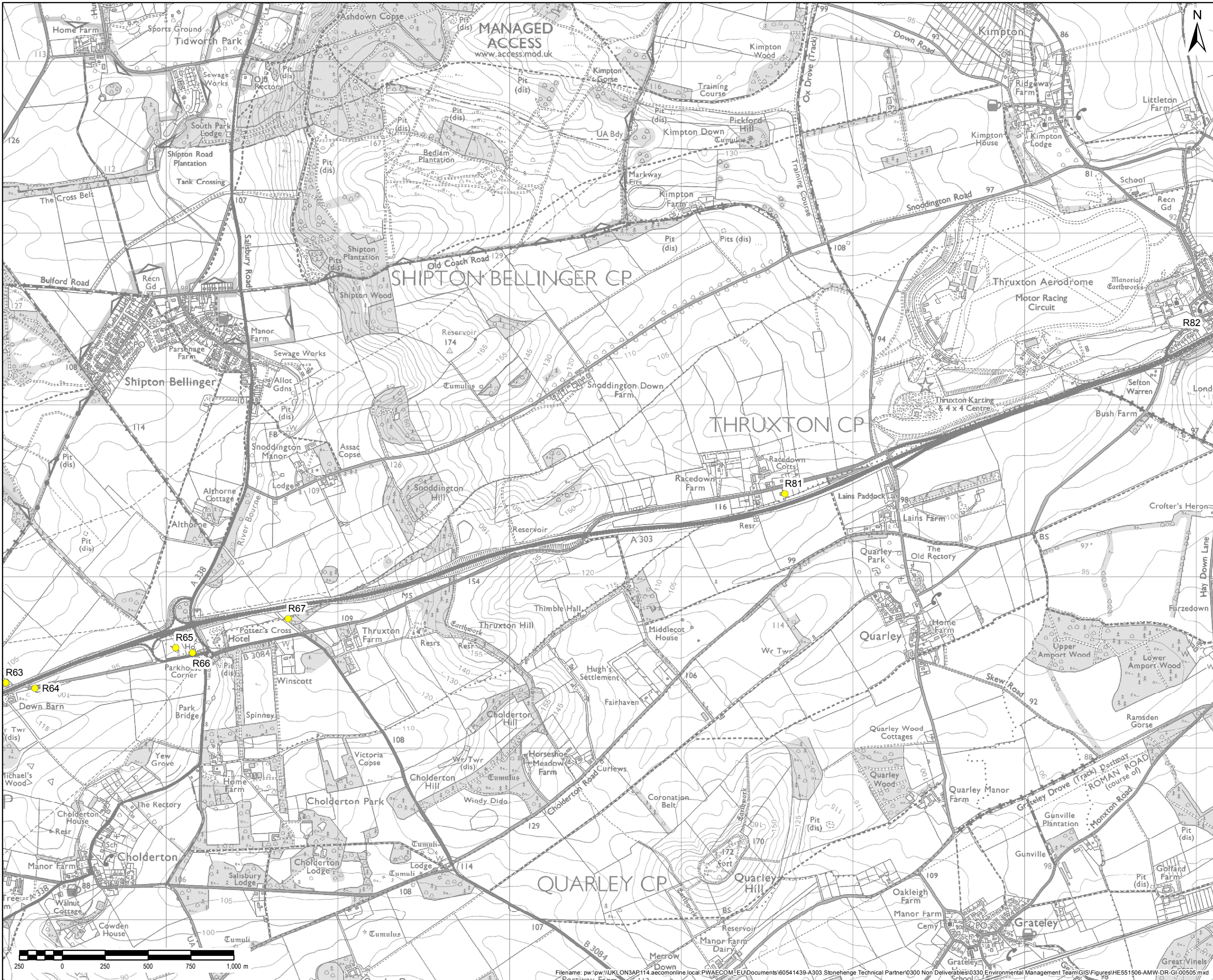
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Location

Type

Role

Number



NOTES / LEGEND

- Indicative centreline
- Proposed tunnel
- Proposed scheme boundary
- Air Quality Management Area
- Modelled Special Area of Conservation (SAC)
- Modelled Special Protection Area (SPA)
- Modelled Site of Special Scientific Interest (SSSI)
- Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

- <30 µg/m³
- 30-36 µg/m³
- 36-40 µg/m³
- 40-44 µg/m³
- >44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium increase
- Large increase

Note: where a change in concentration isn't shown, the receptor is not located on an affected road for this scenario.

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Revision Details	By	Check	Date	Suffix

Purpose of issue

FINAL

Client

Highways England

Working on behalf of

highways england

Project Title

A303 AMESBURY TO BERWICK DOWN

Drawing Title

**FIGURE 5.5H
AIR QUALITY MODELLING
(CONSTRUCTION PHASE 2)**

Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	
				13/09/18

Internal Project No.

60547200

Scale @ A3	Zone
1:20,000	SW

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Bristol
BS1 6HA

AmW
AECOM + mace + WSP

Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551506	AMW	GEN		01

SCHEME WIDE DR GI 00505

Location	Type	Role	Number

Filename: pw:\pw\UKLON3AP114.aecomonline.local\PWAECOM\EUDocuments\60541439-A303 Stonehenge Technical Partner\0300 Non Deliverables\0330 Environmental Management Team\GIS\Figures\HE551506-AMW-DR-GI-00505.mxd