



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

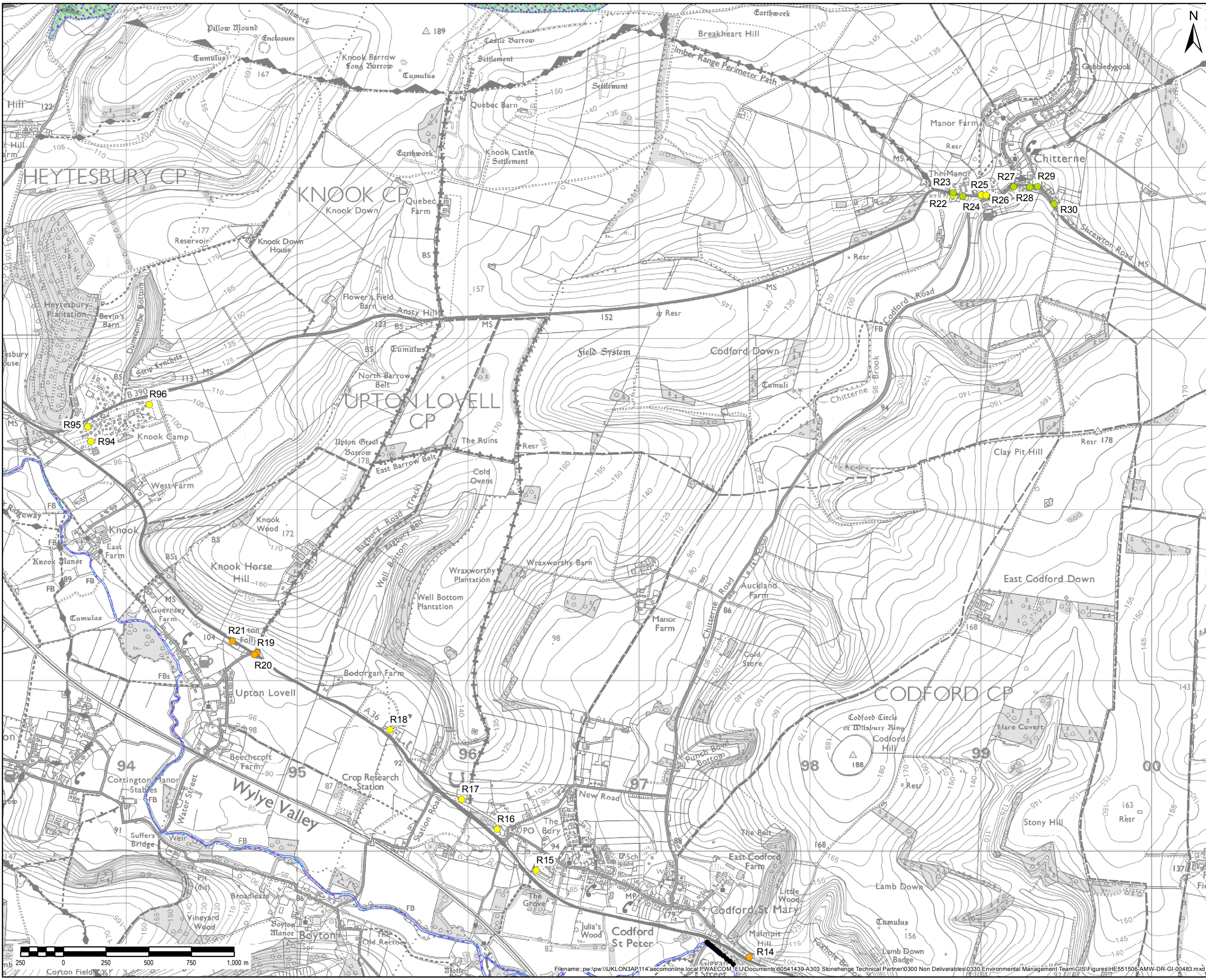
- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium Increase
- Large Increase

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	Highways England								
Working on behalf of									
Project Title	A303 AMESBURY TO BERWICK DOWN								
Drawing Title	FIGURE 5.3A AIR QUALITY MODELLING (OPERATIONAL)								
Designed	NE	Drawn	TD	Checked	GM	Approved	SMQ	Date	12/09/18
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	HE551506		Originator		AMW		Volume		01
Highways England PIN	SCHEME WIDE		DR		GI		00482		Rev
Location	Type		Role		Number				

Filename: pw:\pw\WUKLON3AP114\aecom\line\local\PW\AECOM_EU\Documents\60541439-A303 Stonehenge Technical Partner\0300 Non Deliverables\0330 Environmental Management\Team\GIS\Figures\HE551506-AMW-DR-GI-00482.mxd



- 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

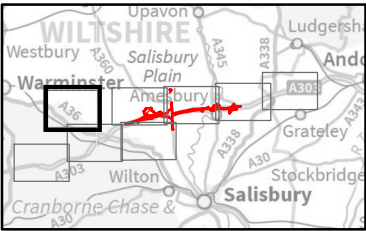
Air Quality Monitor
Annual Mean NO₂ Concentration

- <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 5.3B
AIR QUALITY MODELLING
(OPERATIONAL)

Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	12/09/18

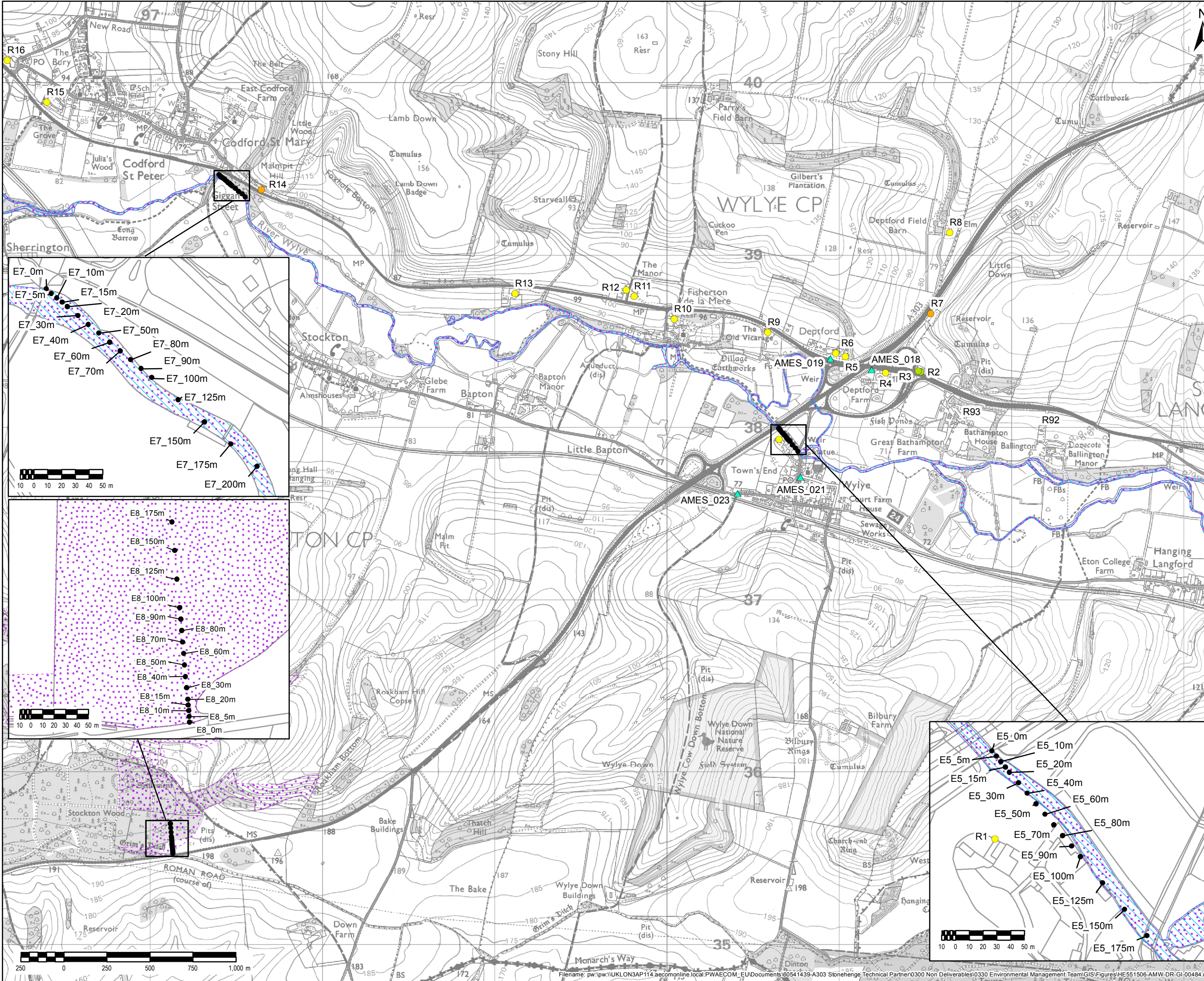
Internal Project No. 60547200

Scale @ A3 1:20,000 Zone SW

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

Drawing Number	Originator	Volume	Rev
HE551506	AMW	GEN	01
SCHEME WIDE		DR	GI 00483
Location		Type	Role



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

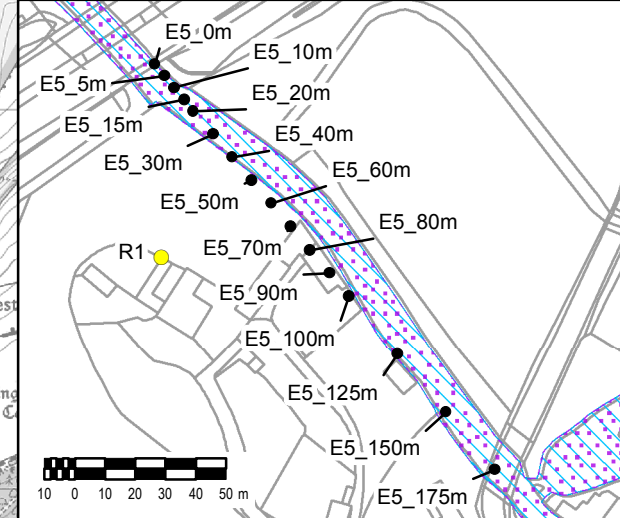
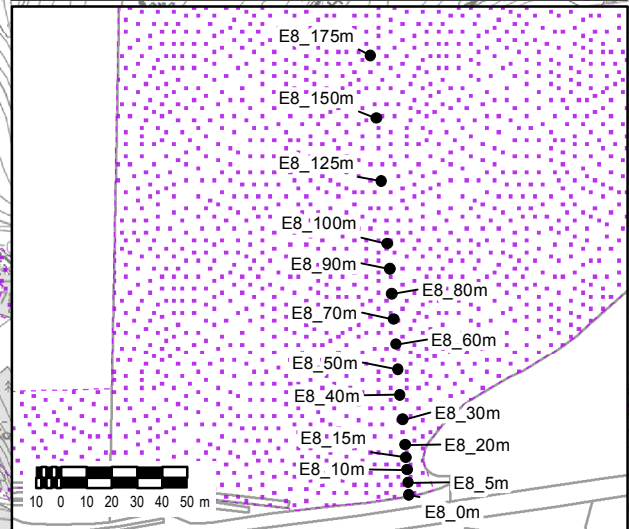
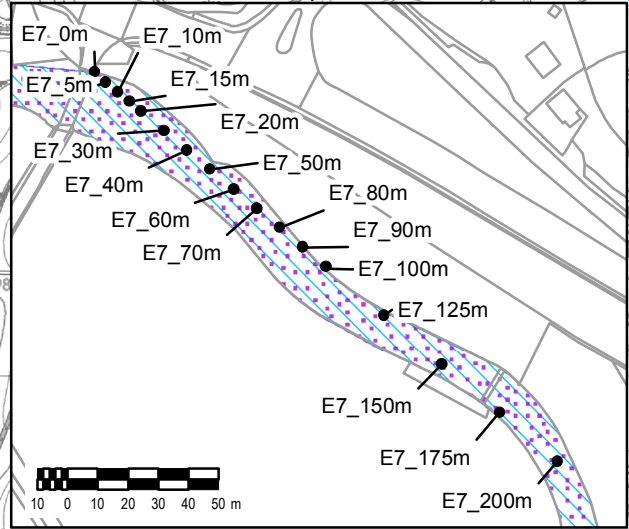
Air Quality Receptor - Annual Mean NO₂ Concentration

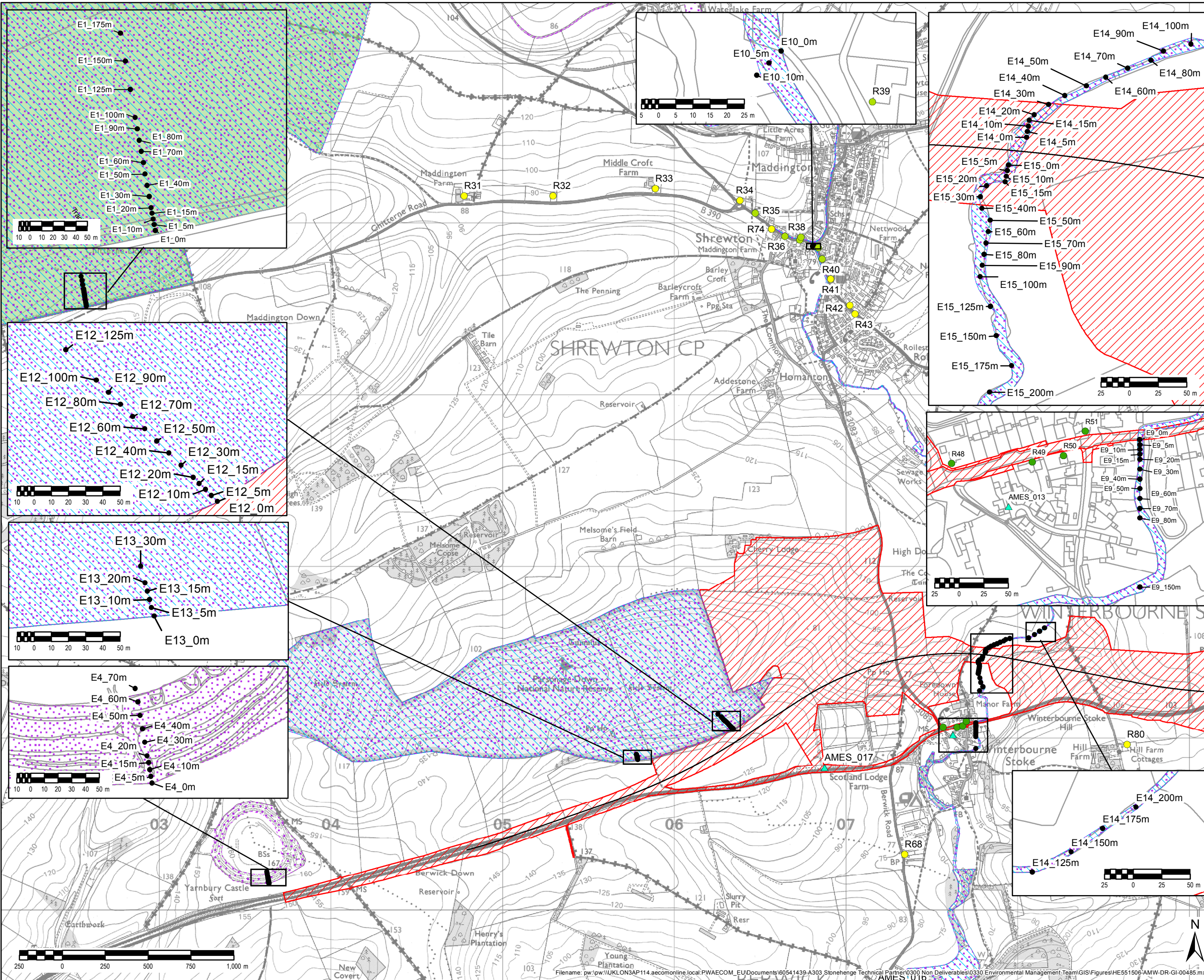
- Large decrease
- Medium decrease
- Small decrease
- Imperceptible
- Small increase
- Medium Increase
- Large Increase

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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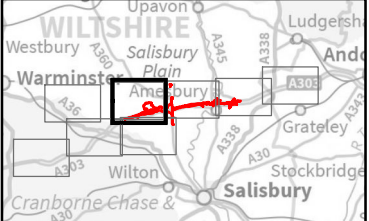
Revision Details	By	Check	Date	Suffix					
Purpose of issue	FINAL								
Client	Highways England								
Client	Working on behalf of 								
Project Title	A303 AMESBURY TO BERWICK DOWN								
Drawing Title	FIGURE 5.3C AIR QUALITY MODELLING (OPERATIONAL)								
Designed	NE	Drawn	TD	Checked	GM	Approved	SMQ	Date	12/09/18
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	HE551506		Originator		AMW		Volume		01
SCHEME WIDE DR GI 00484									
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			
Project Title	Working on behalf of highways england			

A303 AMESBURY TO BERWICK DOWN

**FIGURE 5.3D
AIR QUALITY MODELLING
(OPERATIONAL)**

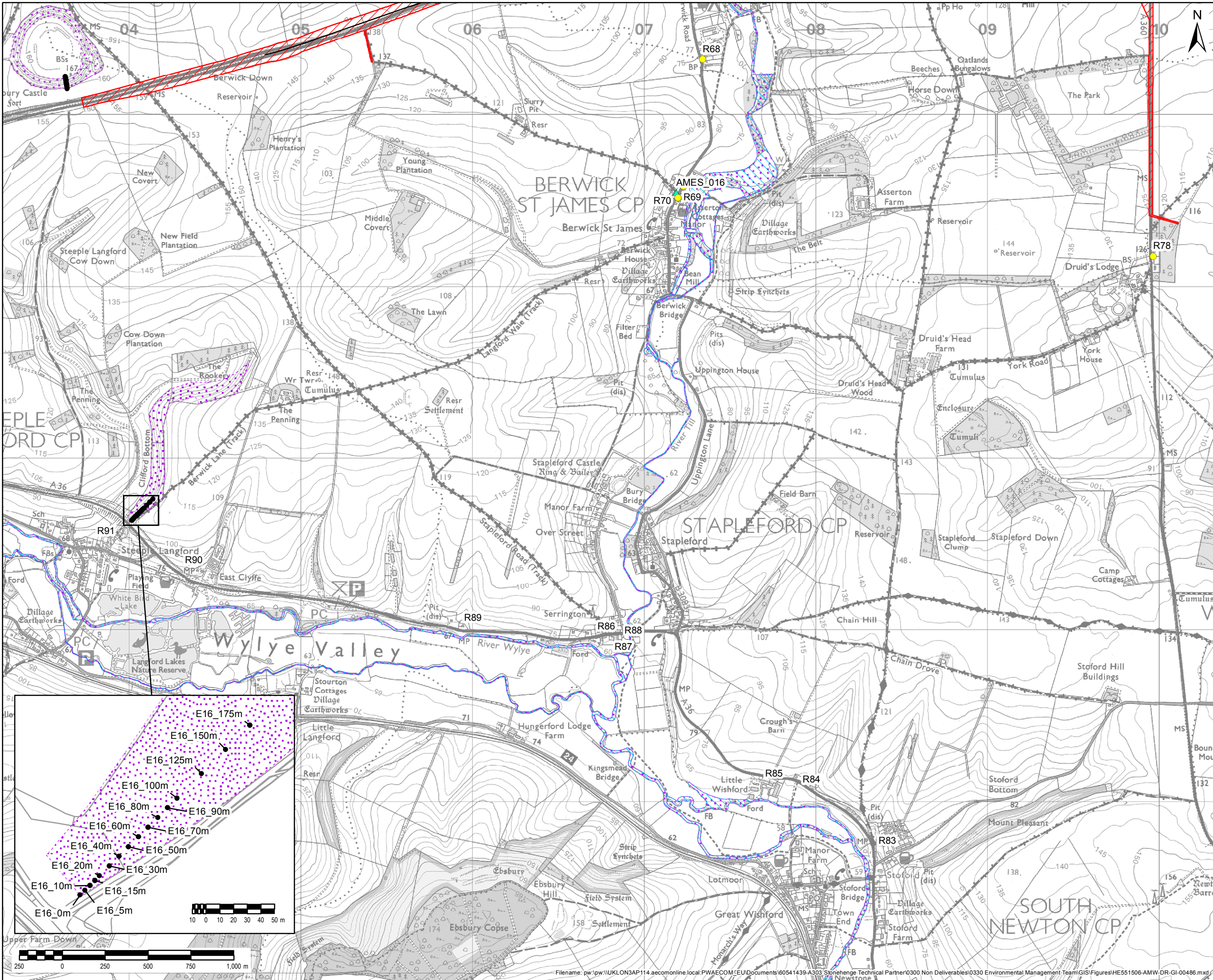
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	28/09/18
Internal Project No. 60547200				
Scale @ A3		Zone	SW	

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Highways England
Temple Quay House
2 The Square, Temple Quay
Bristol
BS1 6HA

AmW
AECOM + mace + WSP

Drawing Number	Originator	Volume	Rev
HE551506	AMW	GEN	01
SCHEME WIDE		DR	GI 00485
Location		Type	Role



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

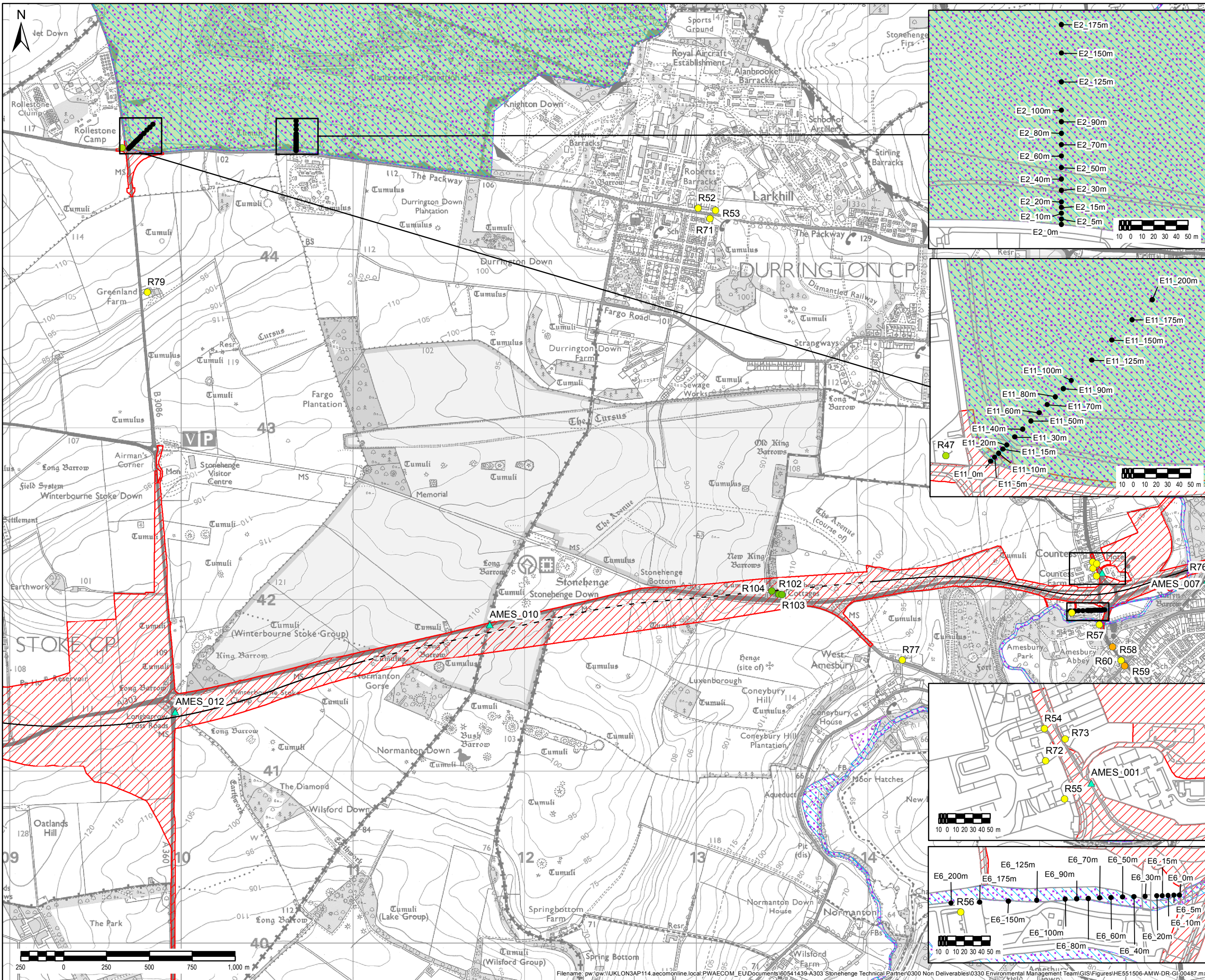
Air Quality Receptor - Annual Mean NO₂ Concentration

- 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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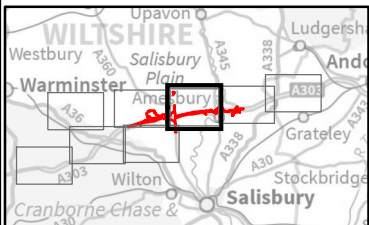
Revision Details	By	Check	Date	Suffix
Purpose of issue				
FINAL				
Client	Highways England			
Working on behalf of	highways england			
Project Title	A303 AMESBURY TO BERWICK DOWN			
Drawing Title	FIGURE 5.3E AIR QUALITY MODELLING (OPERATIONAL)			
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	12/09/18
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				
AmW AECOM + mace + WSP				
Drawing Number	Originator	Volume	Rev	
HE551506	AMW	GEN	01	
SCHEME WIDE		DR	GI	00486
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 5.3F
AIR QUALITY MODELLING
(OPERATIONAL)**

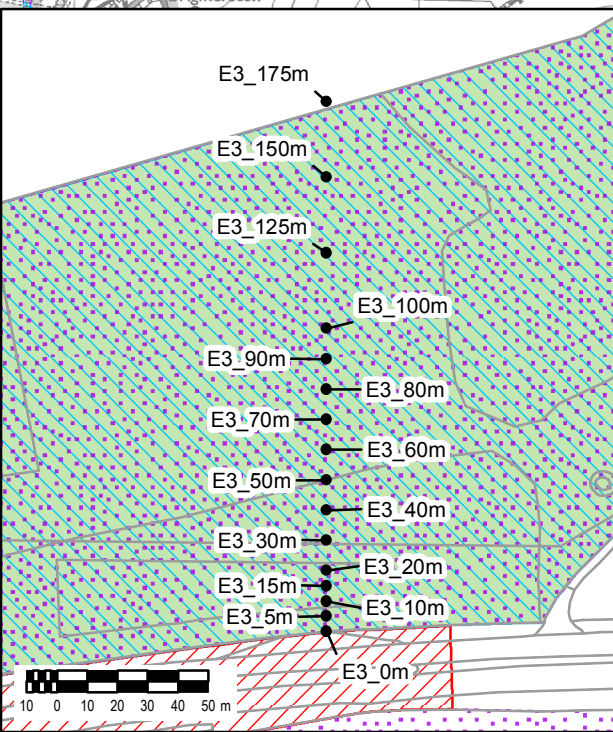
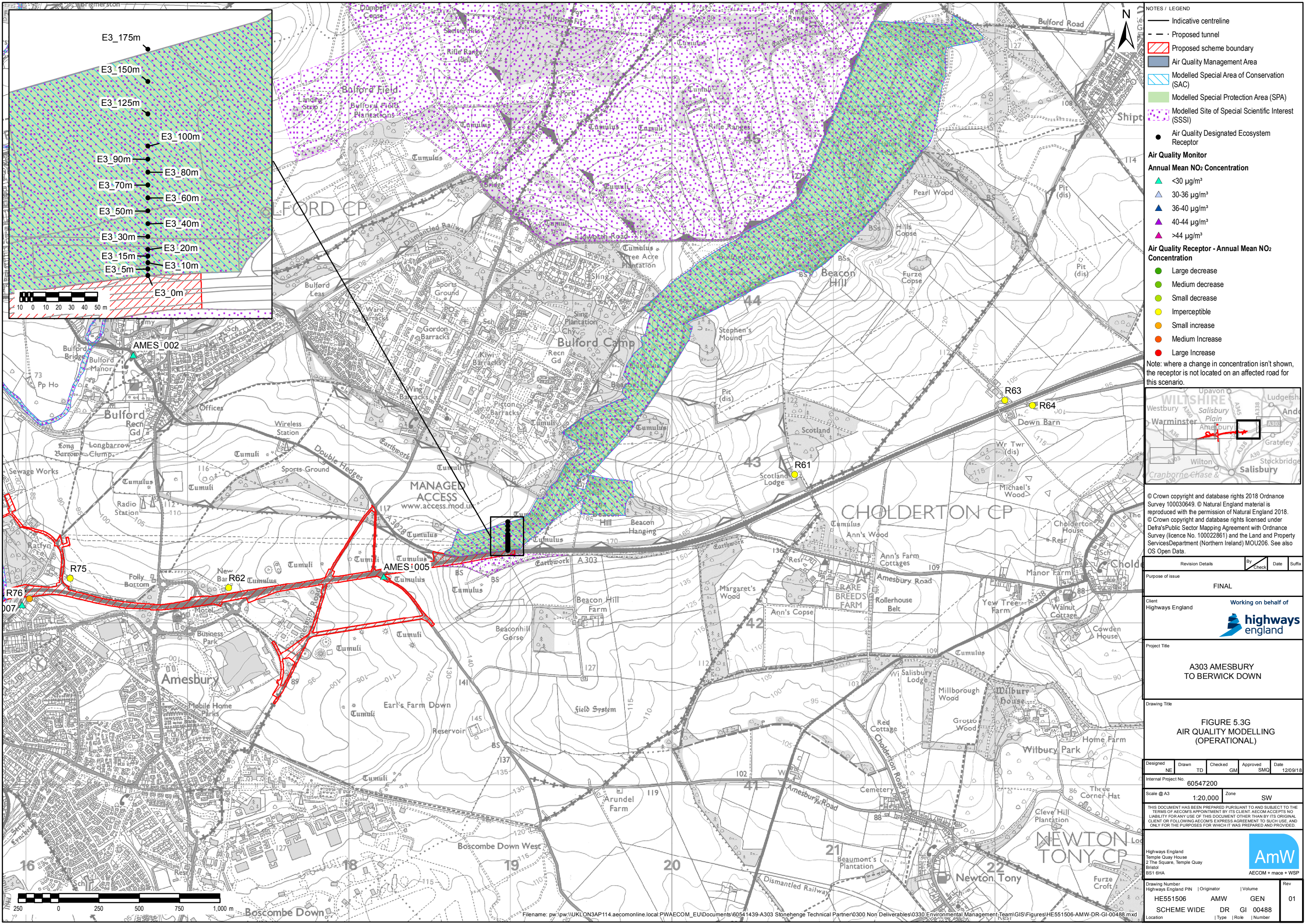
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	12/09/18
Internal Project No.	60547200			
Scale @ A3	1:20,000	Zone	SW	

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Highways England
Temple Quay House
2 The Square, Temple Quay
Bristol
BS1 6HA

AmW
AECOM + mace + WSP

Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551506	AMW	GEN	01	
SCHEME WIDE	DR	GI	00487	
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

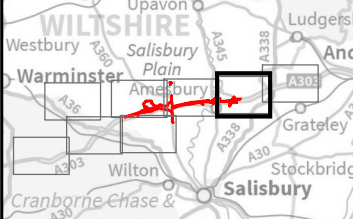
Air Quality Monitor

- 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 5.3G
AIR QUALITY MODELLING
(OPERATIONAL)

Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	12/09/18

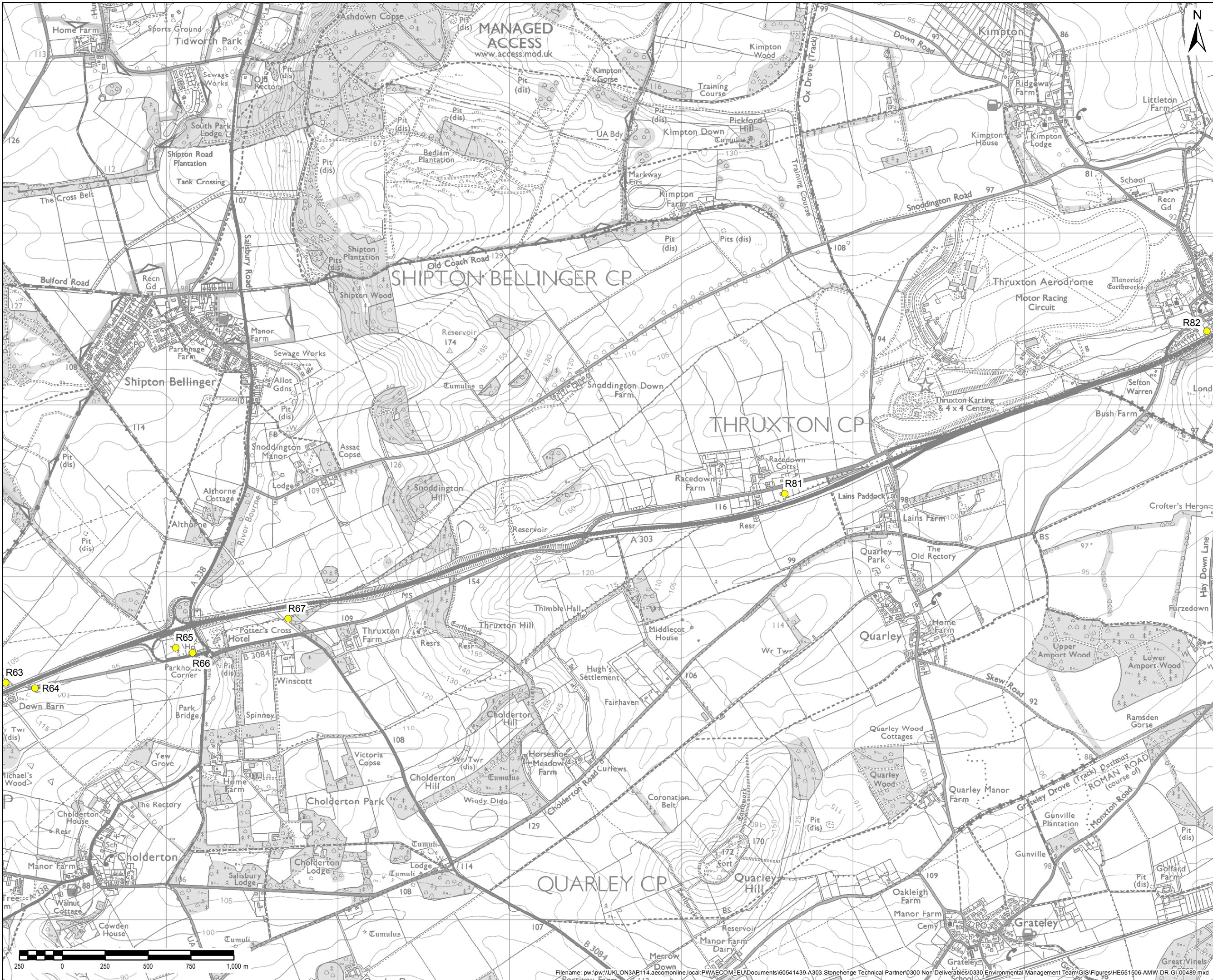
Internal Project No.
60547200

Scale @ A3
1:20,000

Zone
SW

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Drawing Number Highways England PIN Originator Volume			Rev
HE551506	AMW	GEN	01
SCHEME WIDE DR GI 00488			
Location Type Date 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				
Project Title	A303 AMESBURY TO BERWICK DOWN			
Drawing Title	FIGURE 5.3H AIR QUALITY MODELLING (OPERATIONAL)			
Designed	Drawn	Checked	Approved	Date
NE	TD	GM	SMQ	12/09/18
Internal Project No.	60547200			
Scale @ A3	1:20,000	Zone	SW	
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AECOM + mace + WSP				
Drawing Number	Originator	Volume	Rev	
HE551506	AMW	GEN	01	
SCHEME WIDE		DR	GI	00489
Location		Type	Role	Number