

- NOTES / LEGEND
- Proposed Carriageway
 - - - Proposed Tunnel
 - Public Right of Way
 - ▨ Proposed draft DCO site boundary
 - ⬤ 1km Study Area
 - ▨ Noise Important Area
 - ▨ Scheduled Monument
 - ▨ Special Site of Scientific Interest
 - ▨ Special Area of Conservation
 - ▨ Special Protection Area
 - ▨ Community Facility
 - ▨ Place of Worship
 - ▨ Residential Building
 - ▨ World Heritage Site

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Revision Details	By	Date	Suffix
	Check		

Purpose of Issue
FINAL

Client
Highways England

Working on behalf of
highways england

Project Title
A303 STONEHENGE
AMESBURY TO BERWICK DOWN

Drawing Title
FIGURE 9.1
NOISE ASSESSMENT

Designed	Drawn	Checked	Approved	Date
HS	GM/KD	CC	WB	13/12/17

Internal Project No. 60547200	Scale @ A3 1:25,000	Zone SW
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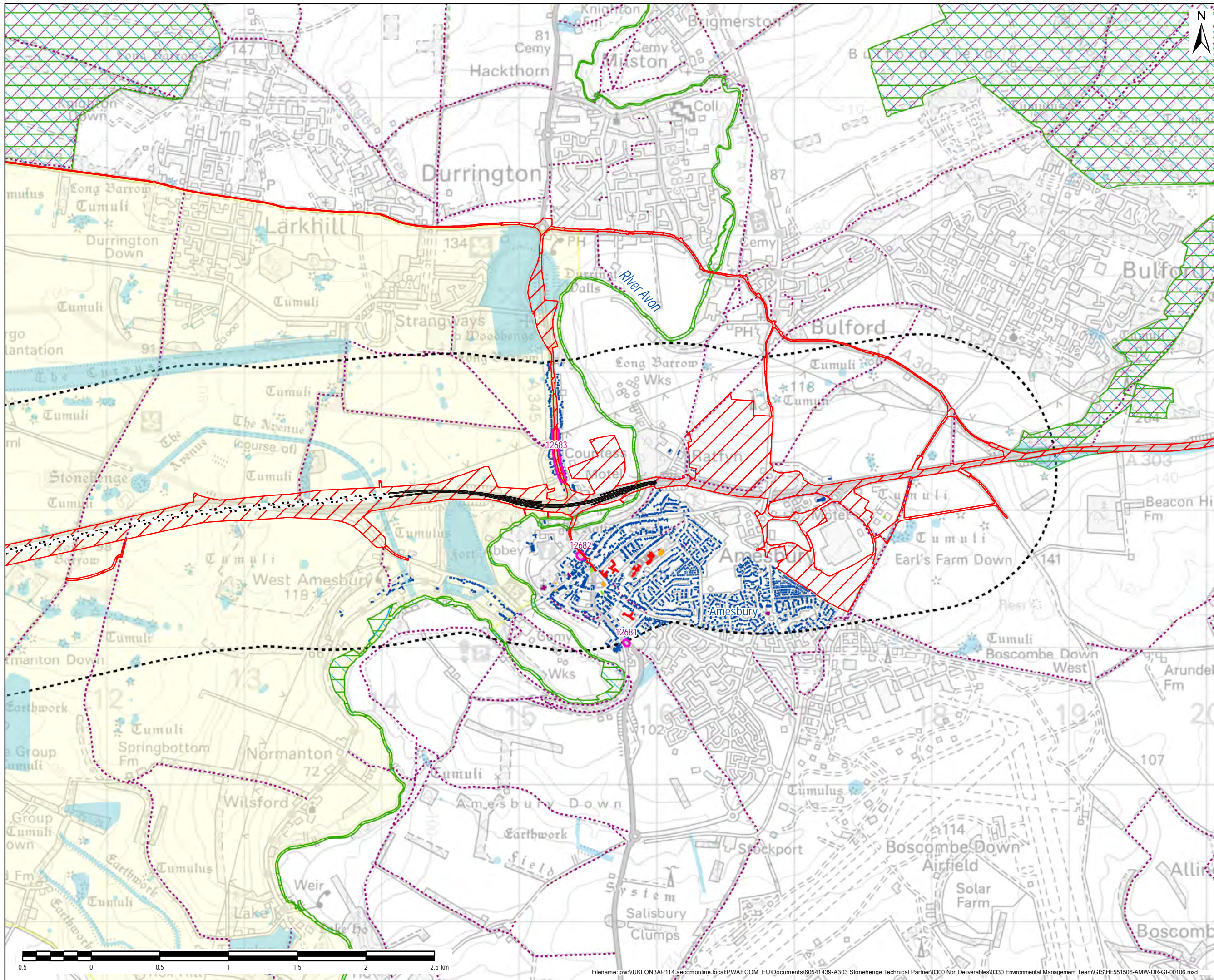
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Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551506	AMW	GEN		01

SCHEME WIDE GN GI 00087

Location	Type	Role	Number



- NOTES / LEGEND
- Proposed Carriageway
 - - - Proposed Tunnel
 - ⋯ Public Right of Way
 - ▭ Proposed draft DCO site boundary
 - ⊘ 1km Study Area
 - ▭ Noise Important Area
 - ▭ Scheduled Monument
 - ▭ Special Site of Scientific Interest
 - ▭ Special Area of Conservation
 - ▭ Special Protection Area
 - ▭ Community Facility
 - ▭ Educational Building
 - ▭ Medical Building
 - ▭ Place of Worship
 - ▭ Residential Building
 - ▭ World Heritage Site

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Project Title
A303 STONEHENGE
AMESBURY TO BERWICK DOWN

Drawing Title
FIGURE 9.2
NOISE ASSESSMENT

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HS	GM/KD	CC	WB	18/12/17

Internal Project No. 60547200

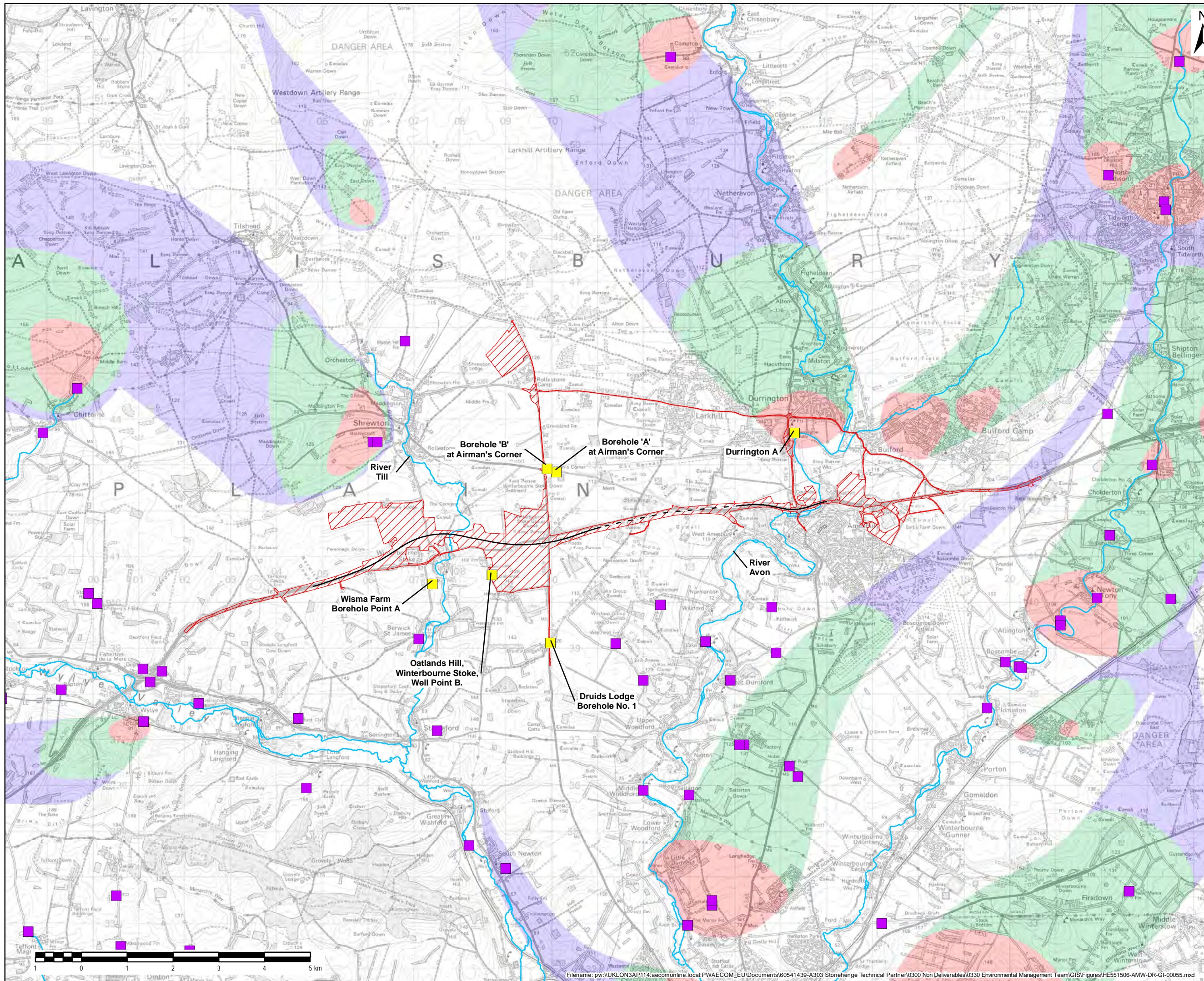
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SCHEME WIDE		GN	GI	00106
Location	Type	Role	Number	



- NOTES / LEGEND
- Indicative centreline for the purposes of PEI Report
 - Proposed Tunnel
 - Proposed Draft DCO Site Boundary
 - Licensed Groundwater Abstraction provided by Environment Agency within 1km of the Proposed DCO Site Boundary
 - Licensed Groundwater Abstraction provided by Environment Agency
 - WFD River Waterbody
- EA Source Protection Zones
- Zone I - Inner Protection Zone
 - Zone II - Outer Protection Zone
 - Zone III - Total Catchment

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Purpose of Issue: **FINAL**

Client: Highways England

Working on behalf of:

Project Title: **A303 STONEHENGE AMESBURY TO BERWICK DOWN**

Drawing Title: **FIGURE 10.1: GROUNDWATER SOURCE PROTECTION ZONES, GROUNDWATER ABSTRACTIONS AND RIVERS WITHIN THE GEOLOGY AND SOILS STUDY AREA**

Designed	Drawn	Checked	Approved	Date
CM	KD	CC	CM	18/12/17

Internal Project No: 60541439

Scale @ A3: 1:75,000 Zone: SW

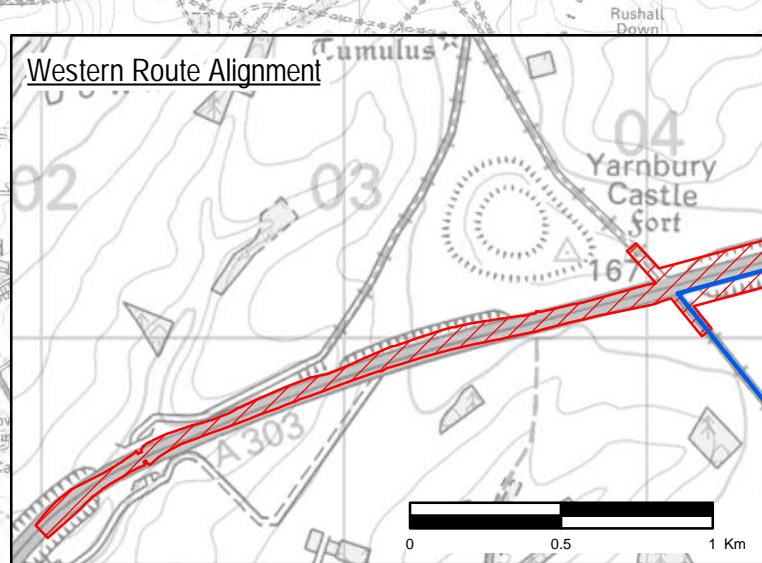
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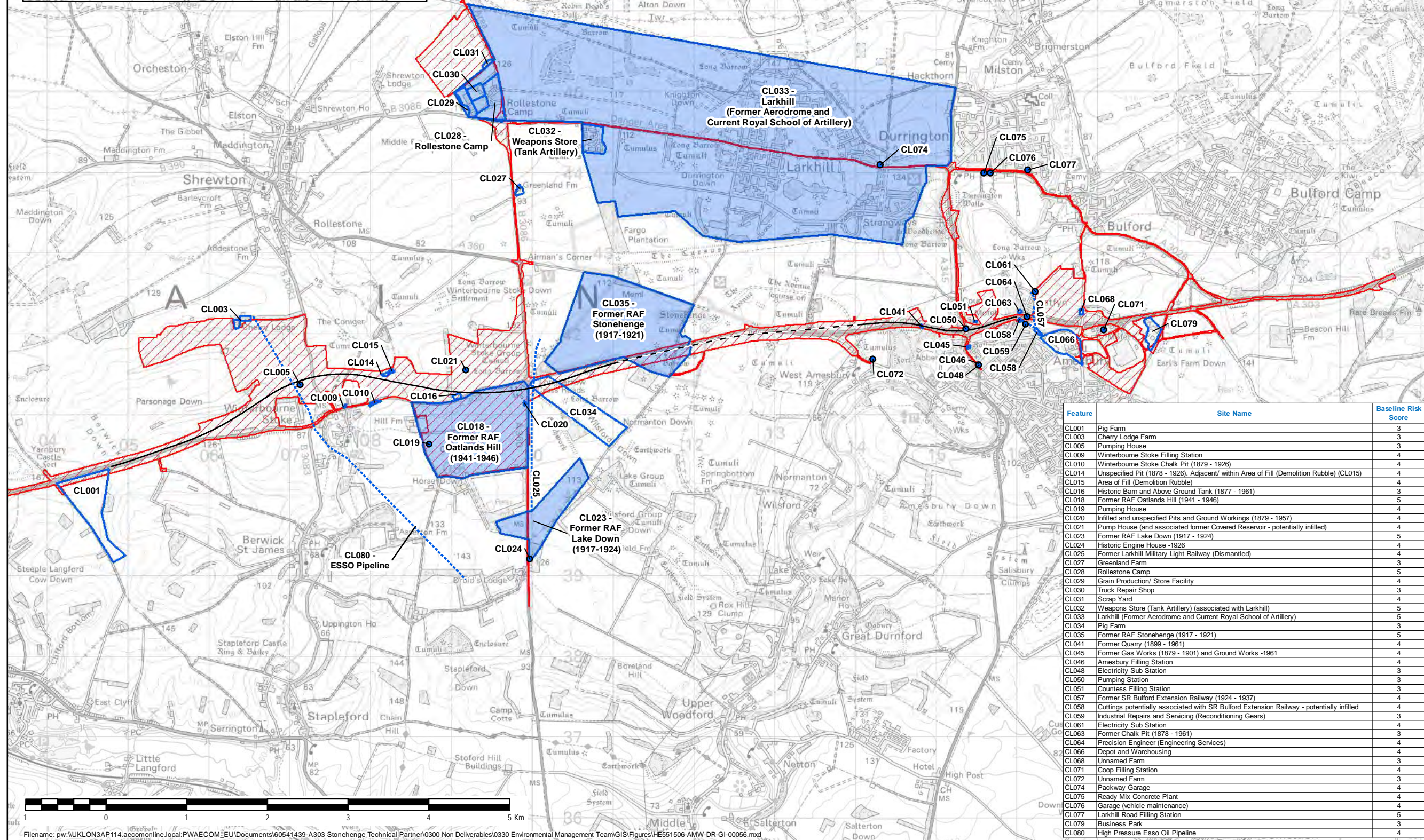
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Drawing Number	Originator	Volume	Rev
HE551506	AMW	GEN	01

Scheme Wide	DR	GI	0055
Location	Type	Role	Number



- NOTES / LEGEND
- Indicative centreline for the purposes of PEI Report
 - - - Proposed Tunnel
 - ▨ Proposed draft DCO site
 - Potential Land Use Source (Baseline Score 5)
 - Potential Land Use Source (Baseline Score 3 or 4)
 - ⋯ Potential Linear Land Use Source (Baseline Score 3 or 4)
 - Potential Point Source (Baseline Score 3 or 4)



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Revision Details	By	Check	Date	Suffix

Purpose of Issue	FINAL
Client	Highways England
Working on behalf of	

Project Title	A303 STONEHENGE AMESBURY TO BERWICK DOWN
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Drawing Title	FIGURE 10.2: POTENTIAL LAND USE SOURCES AND BASELINE SCORES
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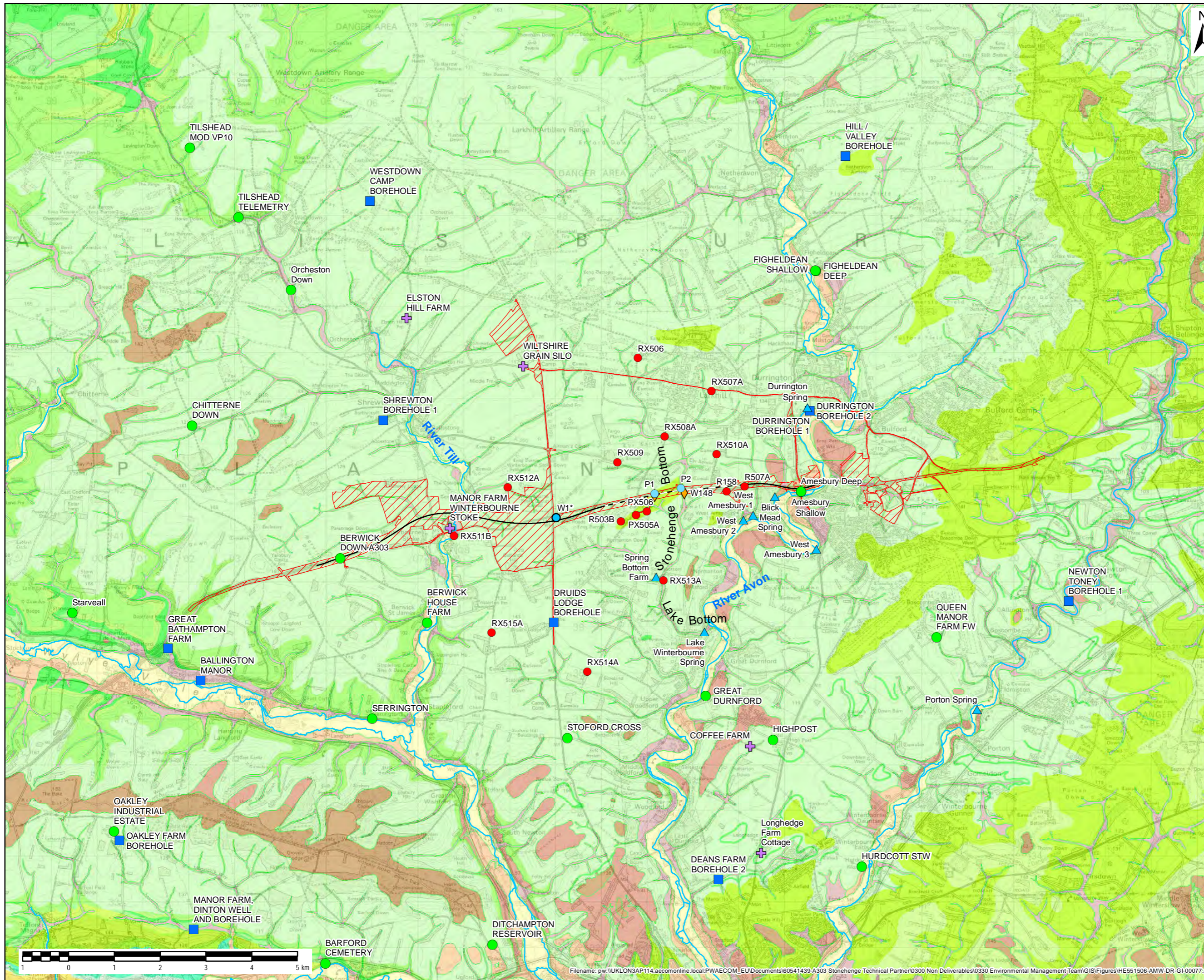
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CM	KD	CC	CM	21/12/17

Internal Project No.	60541200
Scale @ A3	1:50,000
Zone	SW

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Drawing Number	HE551506	AMW	GEN	01
Highways England PIN	Originator	Volume	Rev	
SCHEME WIDE	DR	GI	0056	
Location	Type	Role	Number	

Feature	Site Name	Baseline Risk Score
CL001	Pig Farm	3
CL003	Cherry Lodge Farm	3
CL005	Pumping House	3
CL009	Winterbourne Stoke Filling Station	4
CL010	Winterbourne Stoke Chalk Pit (1879 - 1926)	4
CL014	Unspecified Pit (1876 - 1926). Adjacent/ within Area of Fill (Demolition Rubble) (CL015)	4
CL015	Area of Fill (Demolition Rubble)	4
CL016	Historic Barn and Above Ground Tank (1877 - 1961)	3
CL018	Former RAF Oatlands Hill (1941 - 1946)	5
CL019	Pumping House	4
CL020	Infilled and unspecified Pits and Ground Workings (1879 - 1957)	4
CL021	Pump House (and associated former Covered Reservoir - potentially infilled)	4
CL023	Former RAF Lake Down (1917 - 1924)	5
CL024	Historic Engine House -1926	4
CL025	Former Larkhill Military Light Railway (Dismantled)	4
CL027	Greenland Farm	3
CL028	Rollestone Camp	5
CL029	Grain Production/ Store Facility	4
CL030	Truck Repair Shop	4
CL031	Scrap Yard	4
CL032	Weapons Store (Tank Artillery) (associated with Larkhill)	5
CL033	Larkhill (Former Aerodrome and Current Royal School of Artillery)	5
CL034	Pig Farm	3
CL035	Former RAF Stonehenge (1917 - 1921)	5
CL041	Former Quarry (1899 - 1961)	4
CL045	Former Gas Works (1879 - 1901) and Ground Works -1961	4
CL046	Amesbury Filling Station	4
CL048	Electricity Sub Station	3
CL050	Pumping Station	3
CL051	Countess Filling Station	3
CL057	Former SR Bulford Extension Railway (1924 - 1937)	4
CL058	Cuttings potentially associated with SR Bulford Extension Railway - potentially infilled	4
CL059	Industrial Repairs and Servicing (Reconditioning Gears)	3
CL061	Electricity Sub Station	4
CL063	Former Chalk Pit (1878 - 1961)	4
CL064	Precision Engineer (Engineering Services)	4
CL066	Depot and Warehousing	4
CL068	Unnamed Farm	3
CL071	Coop Filling Station	4
CL072	Unnamed Farm	3
CL074	Packway Garage	4
CL075	Ready Mix Concrete Plant	4
CL076	Garage (vehicle maintenance)	4
CL077	Larkhill Road Filling Station	5
CL079	Business Park	3
CL080	High Pressure Esso Oil Pipeline	4



NOTES / LEGEND

- Indicative centreline for the purposes of PE1 Report
- ▨ Proposed draft DCO site boundary
- Current Monitoring Borehole
- Historic Piezometers
- ▲ Springs
- Environment Agency Groundwater level Monitoring Borehole
- Environment Agency Water Quality Monitoring Borehole
- ✚ Environment Agency Disused Monitoring Borehole
- ◆ Historic Pump Test Boreholes
- WFD River Waterbody

Geology Legend

- Lewes Nodular Chalk Fn
- Newhaven Chalk Fn
- Seaford Chalk Fn
- Stockbridge Rock Mb - Limestone
- Head - Gravel
- Head - Clay, Silt Sand & Gravel
- River Terrace Deposits
- Alluviums
- Clay with Flints Fn

* Approximate location

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Purpose of Issue: **FINAL**

Client: Highways England
Working on behalf of: **highways england**

Project Title: **A303 STONEHENGE AMESBURY TO BERWICK DOWN**

Drawing Title: **FIGURE 11.1 GROUNDWATER MONITORING LOCATIONS**

Designed	Drawn	Checked	Approved	Date
AB	AB/KD	HC	CC	20/12/17

Internal Project No: **60547200**

Scale @ A3: **1:75,000** Zone: **SW**

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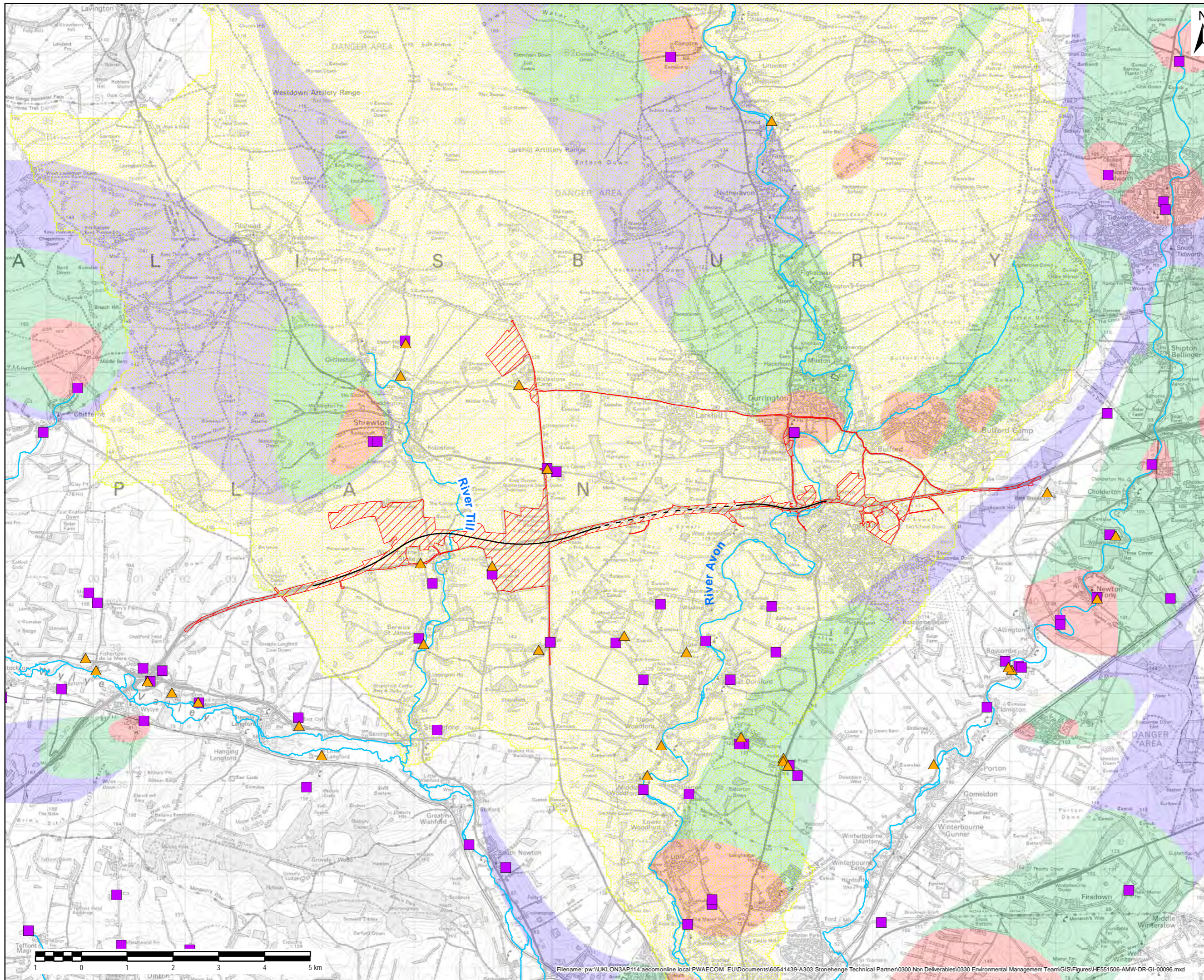
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Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551506	AMW	AMW	GEN	01

SCHEME WIDE DR GI 00077

Location	Type	Role	Number

Filename: p:\UKLON3AP114\aecom\online\local\PWAE\COM_EU\Documents\60541439-A303 Stonehenge Technical Partner\0300 Non Deliverables\0330 Environmental Management\Team\GIS\Figures\HE551506-AMW-DR-GI-00077.mxd



- NOTES / LEGEND
- Indicative centreline for the purposes of PEI Report
 - - - Proposed Tunnel
 - ▨ Proposed draft DCO site boundary
 - WFD River Waterbody
 - ▲ Private Water Supplies provided by Wiltshire Council
 - Licenced Groundwater Abstraction provided by Environment Agency
 - ▨ Groundwater Assessment
 - EA Source Protection Zones
 - Zone I - Inner Protection Zone
 - Zone II - Outer Protection Zone
 - Zone III - Total Catchment

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Purpose of Issue: FINAL

Client: Highways England
 Working on behalf of:

Project Title: A303 STONEHENGE AMESBURY TO BERWICK DOWN

Drawing Title: FIGURE 11.2 GROUNDWATER ABSTRACTION AND SOURCE PROTECTION ZONES

Designed	Drawn	Checked	Approved	Date
AB	KD	HC	CC	18/12/17

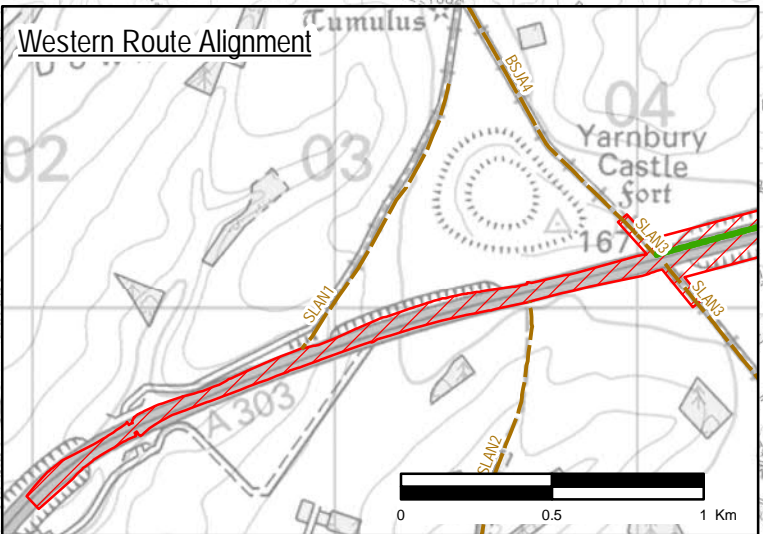
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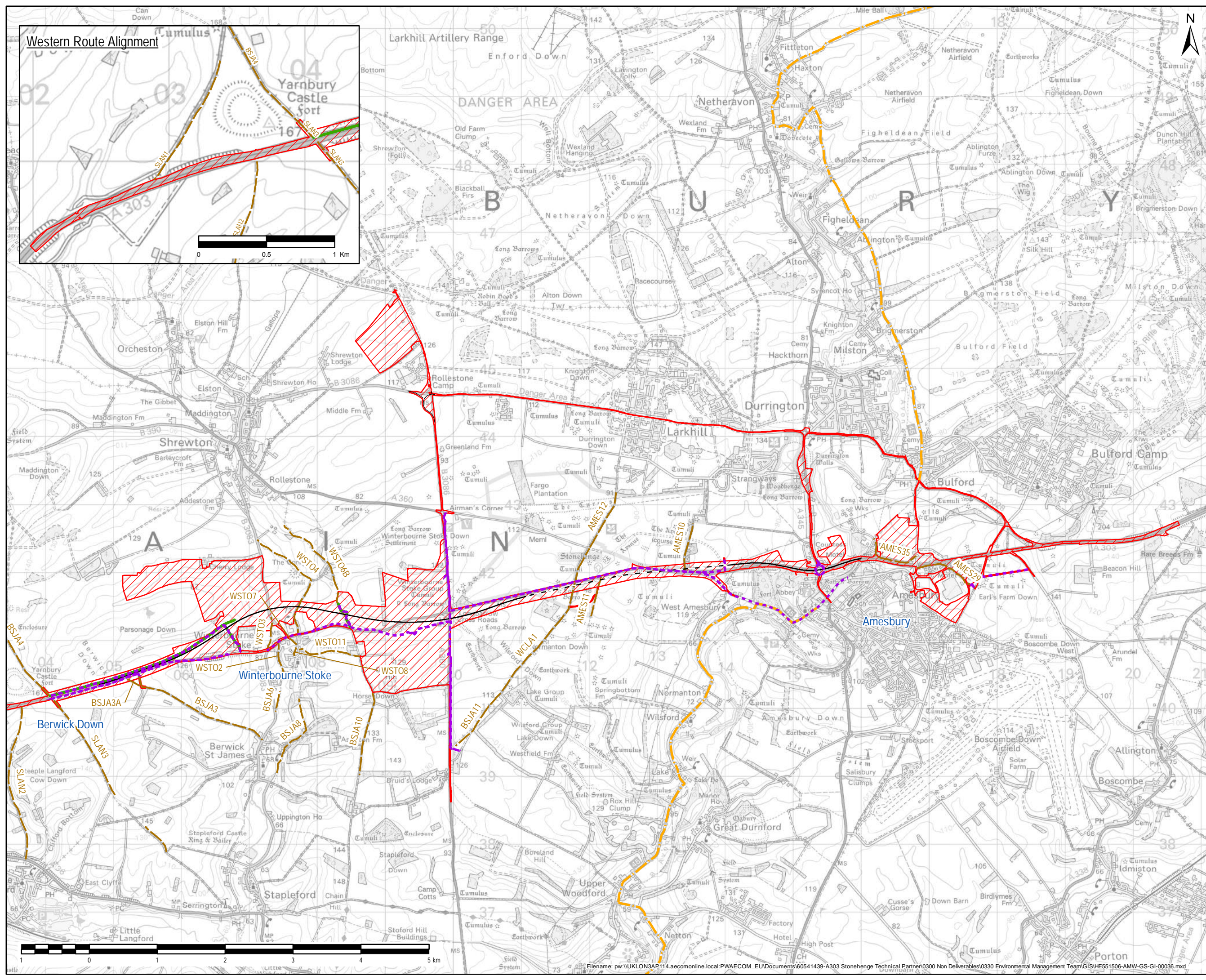
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HE551506	AMW	AMW	GEN	01
SCHEME WIDE		DR	GI	0096
Location		Type	Role	Number

Western Route Alignment



- NOTES / LEGEND
- Indicative centreline for the purposes of PEI Report
 - - - Proposed Tunnel
 - Proposed Bridleway
 - Proposed NMU
 - Wiltshire Cycle Way (Route 45)
 - Public Rights of Way
 - ▨ Proposed draft DCO site boundary



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Project Title
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AMESBURY TO BERWICK DOWN

Drawing Title
FIGURE 13.1
ACCESS ROUTES

Designed	Drawn	Checked	Approved	Date
CC	KD	TD	DW	25/01/18

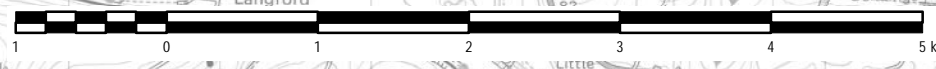
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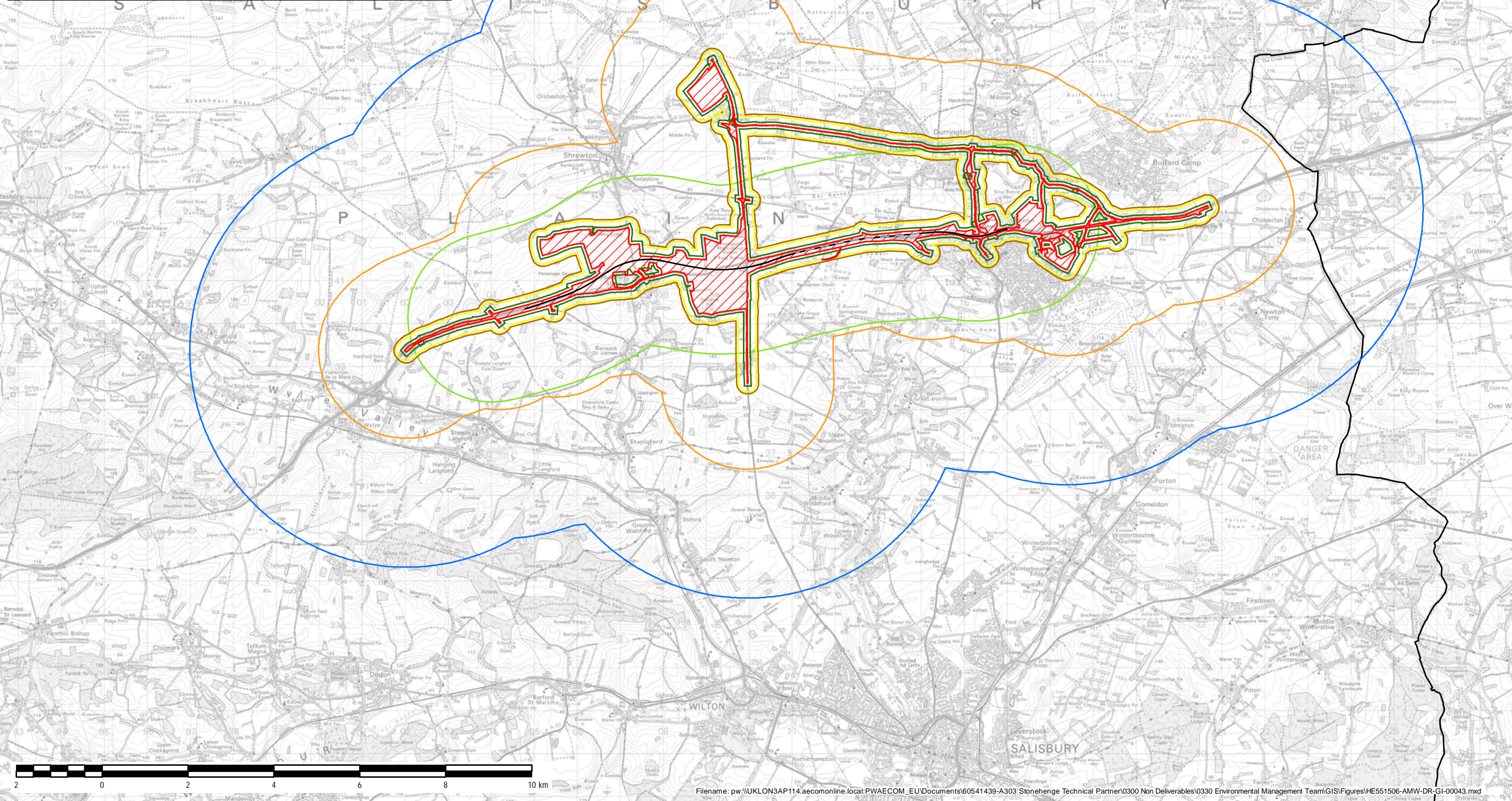
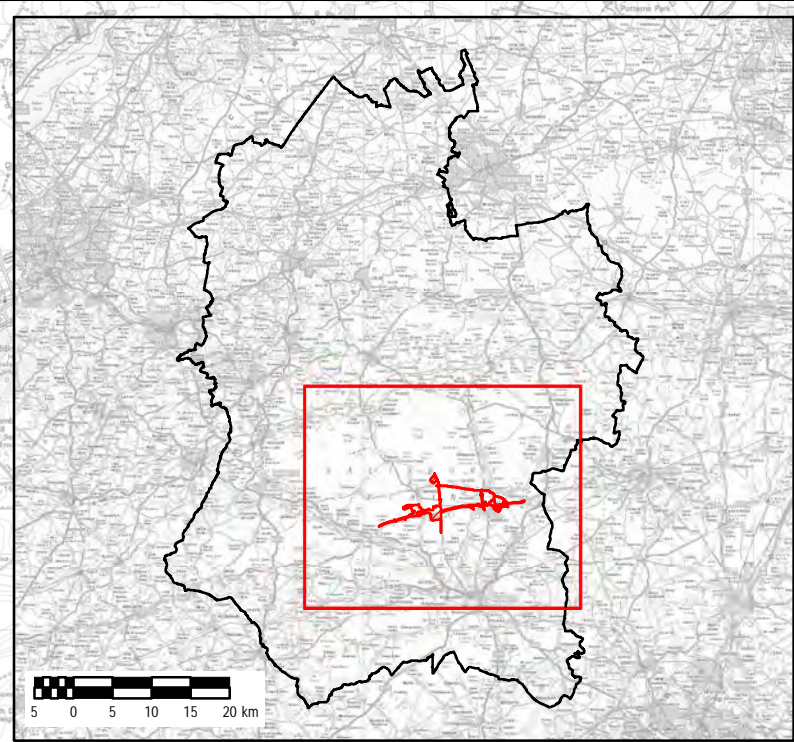
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SCHEME WIDE DR GI 00036
Location | Type | Role | Number





- NOTES / LEGEND**
- Indicative centreline for the purposes of PEI Report
 - - - Proposed Tunnel
 - Proposed draft DCO site boundary
 - Indicative Zones of Influence**
 - Air Quality (Construction Dust)
 - Biodiversity, Cultural Heritage, People and Communities
 - Climate, Road Drainage and the Water Environment
 - Geology and Soils (Groundwater, Surface Water and Potable Water Abstraction)
 - Geology and Soils (Land Contamination)
 - Landscape and Visual
 - Materials

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Project Title
**A303 STONEHENGE
AMESBURY TO BERWICK DOWN**

Drawing Title
**FIGURE 15.1
ZONES OF INFLUENCE**

Designed	Drawn	Checked	Approved	Date
HS	KD	CC	WB	18/12/17

Internal Project No.
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SCHEME WIDE	DR	GI	00043	
Location	Type	Role	Number	

A303 Stonehenge – Amesbury to Berwick Down

Preliminary Environmental Information Report

APPENDICES

Appendix 1.A Competent Expert Table

The EIA is being undertaken, and this PEI Report has been prepared, by competent experts with the relevant and appropriate experience in their respective topics. A summary of the experience of the EIA team is presented in Table 1 below.

Table 1.A.1: EIA team experience

Topic	Name	Relevant academic qualifications	Relevant professional qualifications	Other relevant experience
Environment Lead (responsible for overall PEI Report and ES sign-off)	Steve McQuade	BSc(Hons) Environmental Science	<ul style="list-style-type: none"> Chartered Environmentalist; Member of the Institute of Environmental Management and Assessment; Chartered Geologist; Fellow of the Geological Society. 	<ul style="list-style-type: none"> 28 years' environmental consulting experience. 18 years' infrastructure EIA experience. Expert witness for Environment at three highways public inquiries. Supported HS2 Ltd at Select Committee in the Commons and Lords for HS2 Phase 1.
Air Quality	David Deakin	PhD, BSc (Hons)	<ul style="list-style-type: none"> Member of the Institute of Air Quality Management; Member of the Chartered Institution of Water and Environmental Management (CIWEM) air quality panel; Experience includes the development of the current Interim Advice Note (IAN) for the approach to be adopted to Evaluate Significant Air Quality Effects from strategic motorway schemes for the Highways Agency 	<ul style="list-style-type: none"> Significant experience in over two hundred public and private Sector projects. A leading expert in Highways air quality, including a wide range of commissions for Highways England. Expert witness experience, most recently Expert Witness at the DCO Hearings for the M4 J3-12 Scheme (a Highways England scheme).
Cultural Heritage Lead	Neil Macnab	BA (Hons) Archaeology	<ul style="list-style-type: none"> Member of the Chartered Institute for Archaeology (MCIfA) 	<ul style="list-style-type: none"> Over 23 years' experience in archaeology and Heritage consultancy. Expert witness on archaeology at public inquiry and planning appeals.

Topic	Name	Relevant academic qualifications	Relevant professional qualifications	Other relevant experience
Cultural Heritage Deputy	Chris Moore	BA (Special Hons) Ancient History and Archaeology	<ul style="list-style-type: none"> Member of the Chartered Institute for Archaeologists (MCIfA) ClfA Registrations Committee (Organisations) – Vice Chair, 2012 to date; Federation of Archaeological Managers and Employers (board member), 2014-15; Affiliate Member IEMA; Federation of Archaeological Managers and Employers (corporate membership). 	<ul style="list-style-type: none"> More than 25 years' experience in field archaeology and consultancy. Significant expert witness experience, including on large road projects.
Landscape and Visual Lead	Dominic Watkins	BSc (Hons), MSc	<ul style="list-style-type: none"> Chartered Member of the Landscape Institute (CMLI) 	<ul style="list-style-type: none"> Stonehenge WHS Advisor as part of the environment team working on the A303 Berwick Down to Amesbury (Stage 1 and 2) project. 18 years' experience of leading the delivery of a variety of award-winning landscape improvements for visitors to Stonehenge, including removal of traffic from the A344.
Landscape and Visual Deputy	Richard Hammond	MA Landscape Architecture	<ul style="list-style-type: none"> Chartered Landscape Architect; Member of the Landscape Institute; Practitioner of the Institute of Environmental Management and Assessment 	<ul style="list-style-type: none"> 13 years' infrastructure EIA experience Expert witness at several Public Inquiries
Biodiversity	Stephanie Peay	PhD Biology; MSc Environmental Analysis and Dynamics; BSc Biological Sciences (Hons Botany); Dip Professional Skills	<ul style="list-style-type: none"> Chartered Ecologist; Chartered Environmentalist; Chartered Institute of Ecology and Environmental Management, Founder Member 	<ul style="list-style-type: none"> 35 years' professional experience in ecology and environmental management. Stephanie has been lead ecologist on 10 highway projects, contributed to others, as well as to many other linear infrastructure projects (e.g. Channel Tunnel Rail Link, HS2). Expert witness experience for Highway England projects including A46 Newark to Widmerpool Improvements.

Topic	Name	Relevant academic qualifications	Relevant professional qualifications	Other relevant experience
Noise and Vibration	Suzanne Scott	Diploma Acoustics and Noise Control MSc Environmental Science BSc (Hons) Geography	<ul style="list-style-type: none"> Chartered Scientist - CSci Member of the Institute of Acoustics - MIOA Member of the Institution of Environmental Sciences – MIEEnv 	<ul style="list-style-type: none"> Over 20 years' of experience in acoustics, including 17 years' in consultancy Noise assessments for numerous highway schemes Member of the HE Acoustics 'Peer to Peer' Acoustics Group Expert witness experience, including for highway schemes
Geology and Soils	Phil Hough	BSc (Hons) Environmental Science; Chartered Scientist.	<ul style="list-style-type: none"> Fellow of the Geological Society (FGS); Registered Qualified Person under the CL:AIRE Definition of Waste: Development Industry Code of Practice; CDM Regulations (URS, 2013, AECOM 2016). 	<ul style="list-style-type: none"> Over 17 years' relevant experience in technical inputs on contaminated land, waste management, soils and geology into multidisciplinary projects. EIA for large transportation and development projects. In addition, the Geology and Soils chapter has been reviewed / approved by Philip Smart, who has 40 years' experience and has presented expert evidence at several Public Inquiries.
Road Drainage and the Water Environment	Will Rogers	MA (Eng Science)	<ul style="list-style-type: none"> Chartered Engineer; Member of the Institution of Civil Engineers. 	<ul style="list-style-type: none"> Over 20 years' experience in advising Highways England on its flood risk management (FRM) policy. Since 2008 he has been one of Highways England's Drainage Panel of Experts; 12 strong panel comprising experts from Highways England and their suppliers. Significant experience of Expert Witness at Public Inquiry for Highways England projects.
Materials	Mike Bains	BSc (Hons) Chemistry	<ul style="list-style-type: none"> Chartered Chemist (CChem); Member of the Royal Society of Chemistry (MRSC). 	<ul style="list-style-type: none"> Over 20 years' experience in waste management and has worked on impact assessments for a wide range of Infrastructure projects.
People and Communities	Dave Widger	BSc Economics MSc Economics	<ul style="list-style-type: none"> Royal Town Planning Institute (RTPI) Associate 	<ul style="list-style-type: none"> 16 years' socio-economic/ communities impact assessment experience.

Topic	Name	Relevant academic qualifications	Relevant professional qualifications	Other relevant experience
Climate	Ian Davies	BA (Hons) Environmental Studies	<ul style="list-style-type: none"> • Institute of Environmental Management and Assessment – CEnv • Has successfully project managed a range of carbon accounting, carbon reduction and Life Cycle Assessment projects from large infrastructure projects such as the Northern Line Extension 	<ul style="list-style-type: none"> • Over 15 years' experience specialising in the management and delivery of energy efficiency, carbon management and climate change assessment

Appendix 7.A Schedule of Representative Viewpoints (VP) to be read with Figure 7.4.

VP No.	Location of representative viewpoint	Potential visual receptors
1	View north-west from the Lord's Walk footpath alongside the River Avon in the north of Amesbury.	<ul style="list-style-type: none"> • Recreational users of PRow; and • Residential properties on the northern edge of Amesbury.
2	View south from the A345 at the exit from Countess Services on the north side of Countess Roundabout.	<ul style="list-style-type: none"> • Residential properties along the A345 to the north of Countess Roundabout; • People working and visiting Countess Services; and • Users of roads.
3	View south-west from Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel. The viewpoint is located in open access land approximately 100m west of the Woodhenge.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site; and • Recreational users on open access land.
4	View south-east from Bridleway AMES9A west of the Halfmoon Clump.	<ul style="list-style-type: none"> • Recreational users of PRow, including walkers and equestrian users.
5	View north from a layby on Stonehenge Road, West Amesbury.	<ul style="list-style-type: none"> • Residential properties at the western edge of Amesbury; and • Users of roads.
6	View south from Bridleway AMES9A north of the Nile Clumps.	<ul style="list-style-type: none"> • Recreational users of PRow, including walkers and equestrian users; and • Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site.
7	View south-east from Bridleway AMES39 to the rear of properties at Strangways.	<ul style="list-style-type: none"> • Recreational users of PRow, including walkers and equestrian users; and • Residential properties on the southern edge of Strangways.
8	View north-east from Stonehenge Road, West Amesbury.	<ul style="list-style-type: none"> • Users of roads; and • Recreational users of PRow.
9	View south-west from the Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel viewpoint located at the eastern end of The Cursus.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site; and • Users of recreational facilities, such as open access land.
10	View north from a tumulus on Coneybury Hill.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site.
11	View west from the Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel viewpoint located where The Avenue crosses King Barrow Ridge.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site; • Recreational users of PRow, including walkers and equestrian users; and • Users of recreational facilities, such as open access land.

VP No.	Location of representative viewpoint	Potential visual receptors
12	View west from Bridleway AMES10 adjacent to the New King Barrows.	<ul style="list-style-type: none"> • Leisure and tourists to the Stonehenge, Avebury and Associated Sites World Heritage Site; • Recreational users of PRoW, including walkers and equestrian users; and • Users of recreational facilities, such as open access land.
13	View south-west from The Avenue in open access land approximately 770m north-east of the Stonehenge Monument.	<ul style="list-style-type: none"> • Users of recreational facilities, such as open access land.
14	View south-east from the Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel located on Byway AMES12 adjacent to The Cursus.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site; • Recreational users of PRoW, including walkers, cyclists, and equestrian users; and • Users of recreational facilities, such as open access land.
15	View south-east adjacent to the Stonehenge Monument.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge monument.
16	View south-west from a Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel viewpoint located to the south of the Stonehenge Monument.	<ul style="list-style-type: none"> • Leisure and tourist visitors to the Stonehenge monument.
17	View north-east from Byway AMES11 at Normanton Down.	<ul style="list-style-type: none"> • Recreational users of PRoW, including walkers, cyclists, and equestrian users; and • Users of recreational facilities, such as open access land.
18	View south from the Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel viewpoint located at The Cursus Barrows.	<ul style="list-style-type: none"> • Leisure and tourism visitors to heritage features in the Stonehenge, Avebury and Associated Sites World Heritage Site; and • Users of recreational facilities, such as open access land.
19a	View east from Byway AMES12 close to the north side of the existing A303. Note this is illustrated as 19 on Figure 7.5.	<ul style="list-style-type: none"> • Recreational users of PRoW, including walkers, cyclists, and equestrian users; and • Users of recreational facilities, such as open access land.
19b	View west from Byway AMES12 close to the north side of the existing A303. Note this is illustrated as 19 on Figure 7.5.	<ul style="list-style-type: none"> • Recreational users of PRoW, including walkers, cyclists, and equestrian users; and • Users of recreational facilities, such as open access land.
20	View north-west from Byway WCLA1 south of Normanton Gorse.	<ul style="list-style-type: none"> • Recreational users of PRoW, including walkers, cyclists, and equestrian users.
21	View north from Byway WCLA1 south-east of The Diamond.	<ul style="list-style-type: none"> • Recreational users of PRoW, including walkers, cyclists, and equestrian users.
22	View north-east from a layby on the A303 to the east of the Winterbourne Stoke Clump.	<ul style="list-style-type: none"> • Users of roads; and • Users of recreational facilities, such as open access land.

VP No.	Location of representative viewpoint	Potential visual receptors
23	View south-east from open access land east of the pedestrian access gate to the Winterbourne Stoke Group.	<ul style="list-style-type: none"> Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site; and Users of recreational facilities, such as open access land.
24	View south-west from the Stonehenge, Avebury and Associated Sites World Heritage Site interpretation panel viewpoint located at the northern end of the Winterbourne Stoke Group.	<ul style="list-style-type: none"> Leisure and tourist visitors to the Stonehenge, Avebury and Associated Sites World Heritage Site; and Users of recreational facilities, such as open access land.
25	View south-west from the Stonehenge Visitor Centre.	<ul style="list-style-type: none"> Leisure and tourist visitors to the Stonehenge Visitor Centre.
26	View north from the A360 adjacent to Restricted Byway BSJA9.	<ul style="list-style-type: none"> Users of roads; and Recreational users of PRow, including walkers, cyclists and equestrian users.
27	View north-east from Byway WSTO6A adjacent to Hill Farm Cottages.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists and equestrian users; and Hill Farm Cottages.
28a	View north-east from Byway WSTO6B just north of the A303. Note this is illustrated as 28 on Figure 7.5.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists and equestrian users.
28b	View west from Byway WSTO6B just north of the A303. Note this is illustrated as 28 on Figure 7.5.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists and equestrian users.
29	View south-west from Byway WSTO6B to the south of Foredown Barn.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists and equestrian users.
30	View south from Byway WSTO4 as it crosses the River Till to the east of The Coniger Tumuli.	<ul style="list-style-type: none"> Foredown Barn; and Recreational users of PRow.
31	View north from Footpath WSTO11 between Hill Farm and Winterbourne Stoke.	<ul style="list-style-type: none"> Recreational users of PRow.
32	View north-east from the A303 River Till Road Bridge on the eastern edge of Winterbourne Stoke.	<ul style="list-style-type: none"> Residential properties in Winterbourne Stoke; Visitors to the public house in Winterbourne Stoke; and Users of roads.
33	View south-east from Byway WSTO4 north of Winterbourne Stoke.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists, and equestrian users.
34	View south-east from Footpath WSTO4 north-west of The Coniger Tumuli.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists, and equestrian users.
35	View north-east from the B3083 west of Winterbourne Stoke.	<ul style="list-style-type: none"> Residential properties in Winterbourne Stoke.
36	View south from the B3083.	<ul style="list-style-type: none"> Users of roads.
37	View north from Byway BSJA3 north-west of Berwick St James.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists, and equestrian users.
38	View north-east from Byway STAP5 on the boundary of the West Wiltshire Downs and Cranbourne Chase Area of Outstanding Natural Beauty.	<ul style="list-style-type: none"> Recreational users of PRow, including walkers, cyclists, and equestrian users.

VP No.	Location of representative viewpoint	Potential visual receptors
39	View north-east from a layby on the A303, south of Parsonage Down National Nature Reserve.	<ul style="list-style-type: none"> • Users of roads.
40	View south-east from Parsonage Down National Nature Reserve.	<ul style="list-style-type: none"> • Users of recreational facilities, such as open access land
41	View east from Byway BSJA4 to the east of Yarnbury Camp.	<ul style="list-style-type: none"> • Recreational users of PRoW, including walkers, cyclists, and equestrian users.
42	View west from a footpath alongside the existing A303, between King Barrow Ridge and Stonehenge Bottom.	<ul style="list-style-type: none"> • Users of roads; and • Users of recreational facilities, such as open access land.
43	View west from open access land close to Normanton Gorse.	<ul style="list-style-type: none"> • Users of recreational facilities, such as open access land; and • Users of roads.
44	View west from the existing A303 north of Amesbury Park.	<ul style="list-style-type: none"> • Users of roads.
45	View east from the Longbarrow Roundabout.	<ul style="list-style-type: none"> • Leisure and tourists to the Stonehenge, Avebury and Associated Sites World Heritage Site; and • Users of roads.

Appendix 10.A Land Contamination Methodology Tables

Table 10.A.1: Proximity Zone Definition

Zone No.	Definition
Zone 1	All land on or within the footprint of the provisional proposed DCO site boundary and including a 10m margin either side, and including side shoots such as road realignments, spoil borrow or storage areas etc.
Zone 2	All land within 50m of the edge of Zone 1 land (as defined above).
Zone 3	All land from between 50m and 250m from the edge of Zone 1 land.

Table 10.A.2: Potentially Contaminative Land Uses

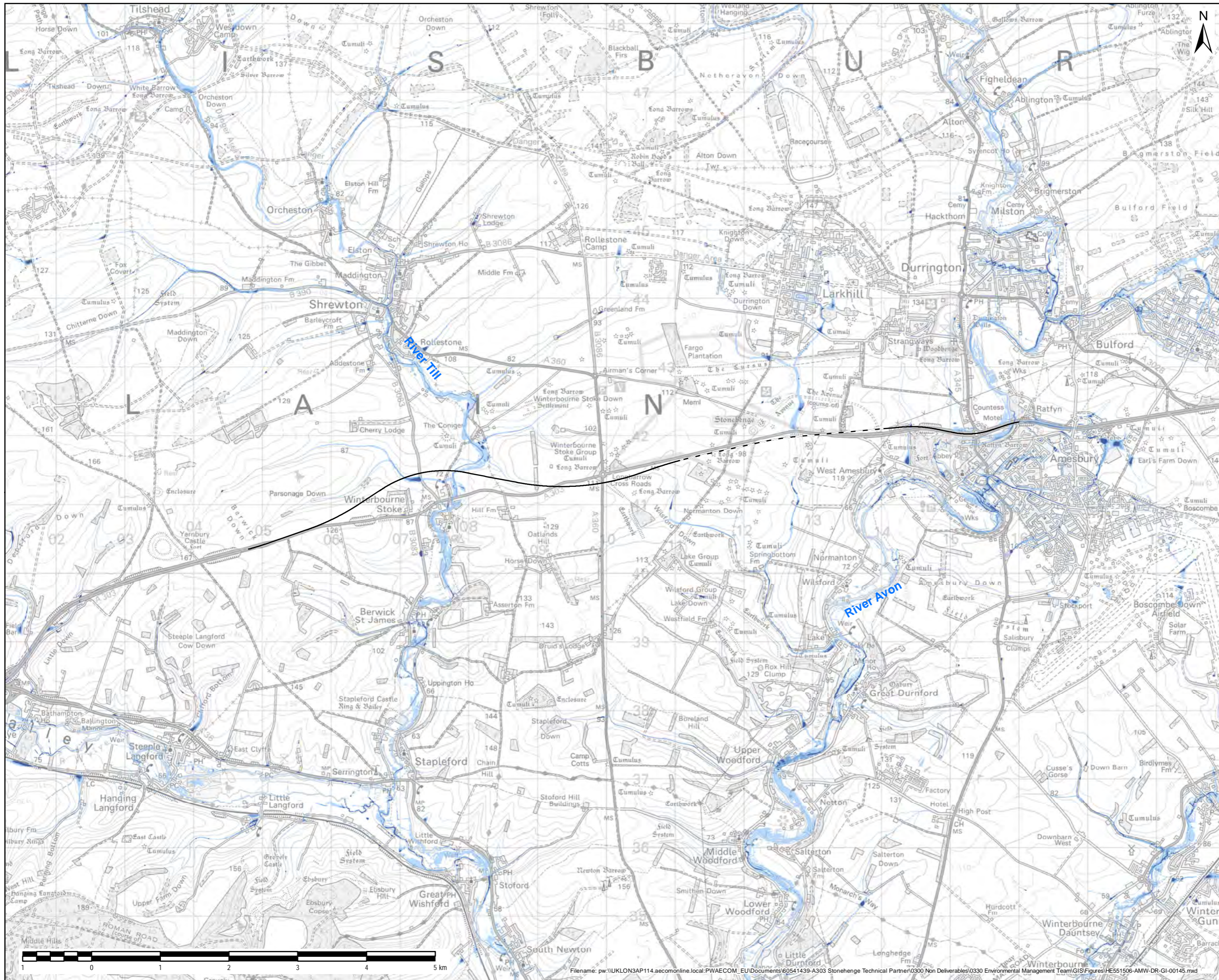
Class	Generic Description	Typical Land Uses
Class 1	Low risk of potential contamination, or less hazardous chemicals in use.	Farms (ancillary buildings and areas for storing chemicals, fuel etc.)
		Warehouses
		Goods yards
		Hospitals
		Builders yards
Class 2	Medium risk of potential contamination, more hazardous chemicals in possible use	Retail and business parks
		Engineering workshops
		Railways/ disused railway lines
		Brick works
		Dry cleaners (retail)
		Sewage works
		Former clay pits and quarries
		Cement/ asphalt works
		Car breakers
		Garage workshops
		Waste transfer facilities
		Paper works
		Power stations
		Glass works
		Timber treatment works
Foot and mouth burials		
Class 3	High risk of potential contamination, hazardous chemicals likely to be present	Metal manufacturing and plating
		Depots
		Scrap yards
		Gas and coke works
		Landfills and historic landfills
		Petrol filling stations
		Oil depots
		Iron and steel works
		Historical foundries

Class	Generic Description	Typical Land Uses
		Chemical works

Table 10.A.3: Risk Scoring Method

Potentially Contaminative Land Use Class	Proximity to Route	Vertical Alignment	Risk Score
Class 1 Low Risk	Zone 1	Viaduct / Embankment	2
		Cutting / At Grade / Cut and Cover Tunnel	3
		Bored Tunnel	0
	Zone 2	Viaduct / Embankment	1
		Cutting / At Grade / Cut and Cover Tunnel	2
		Bored Tunnel	0
	Zone 3	Viaduct / Embankment	0
		Cutting / At Grade / Cut and Cover Tunnel	1
		Bored Tunnel	0
Class 2 Medium Risk	Zone 1	Viaduct / Embankment	3
		Cutting / At Grade / Cut and Cover Tunnel	4
		Bored Tunnel	2
	Zone 2	Viaduct / Embankment	2
		Cutting / At Grade / Cut and Cover Tunnel	3
		Bored Tunnel	2
	Zone 3	Viaduct / Embankment	1
		Cutting / At Grade / Cut and Cover Tunnel	2
		Bored Tunnel	1
Class 3 High Risk	Zone 1	Viaduct / Embankment	4
		Cutting / At Grade / Cut and Cover Tunnel	5
		Bored Tunnel	3
	Zone 2	Viaduct / Embankment	3
		Cutting / At Grade / Cut and Cover Tunnel	4
		Bored Tunnel	3
	Zone 3	Viaduct / Embankment	2
		Cutting / At Grade / Cut and Cover Tunnel	3
		Bored Tunnel	2

Appendix 11.A Environment Agency Surface Water Flood Risk Map



- NOTES / LEGEND
- Indicative centreline for the purposes of PEI Report
 - - - Proposed Tunnel
- Risk of Flooding from Surface Water (Extent)
- 3.3 % Annual Chance
 - 1 % Annual Chance
 - 0.1 % Annual Chance

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Revision Details	By	Date	Suffix
	Check		

Purpose of Issue
FINAL

Client
 Highways England

Working on behalf of

Project Title
**A303 STONEHENGE
 AMESBURY TO BERWICK DOWN**

Drawing Title
**FIGURE 11.A
 ENVIRONMENT AGENCY
 SURFACE WATER FLOOD RISK**

Designed	Drawn	Checked	Approved	Date
KD	KD	CC	SC	
				02/02/18

Internal Project No.
60547200

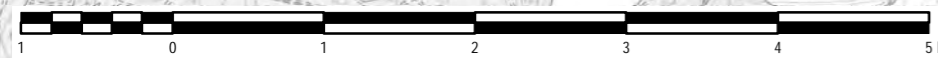
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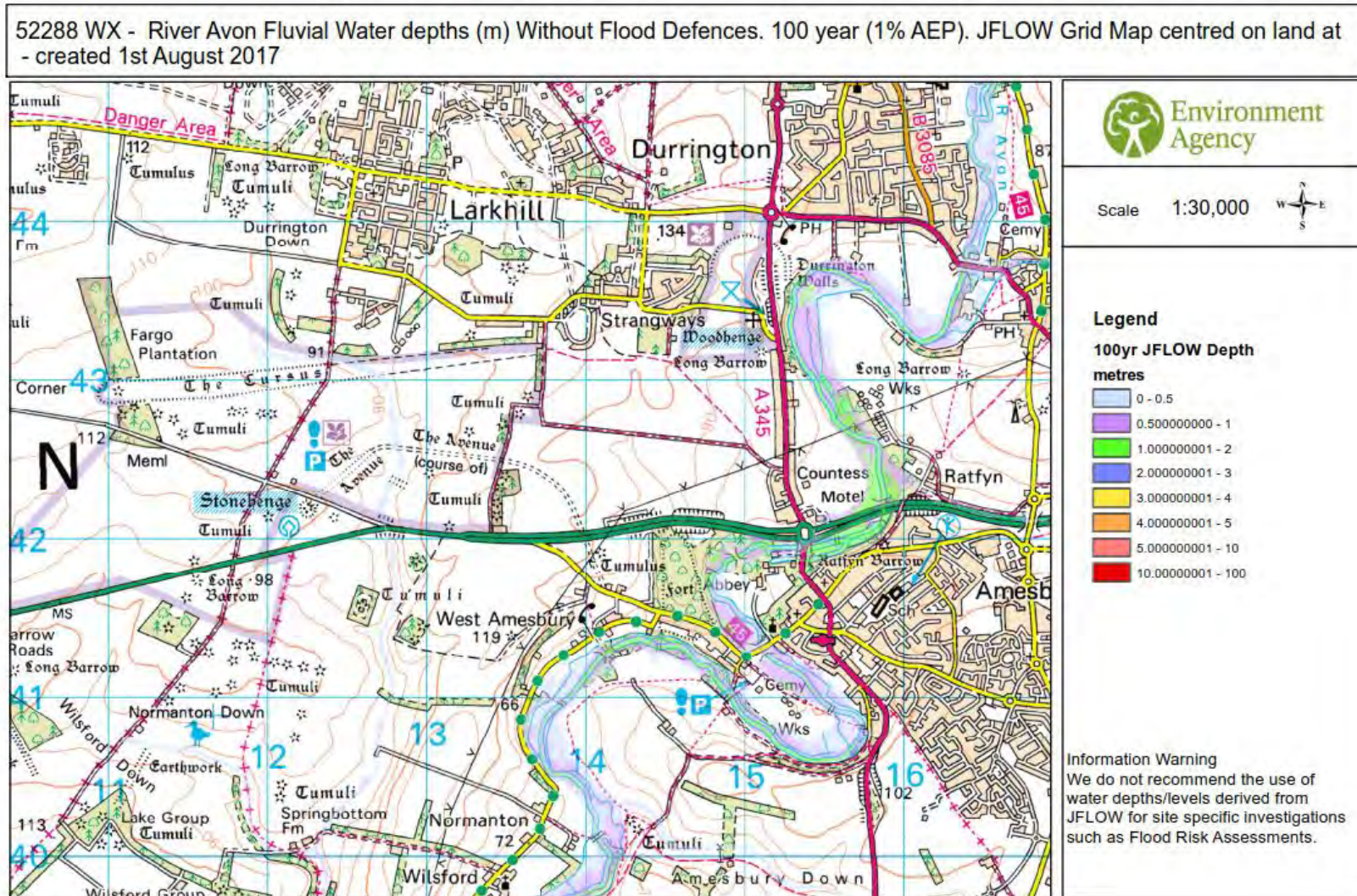
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Appendix 11.B Environment Agency Product 4 Information



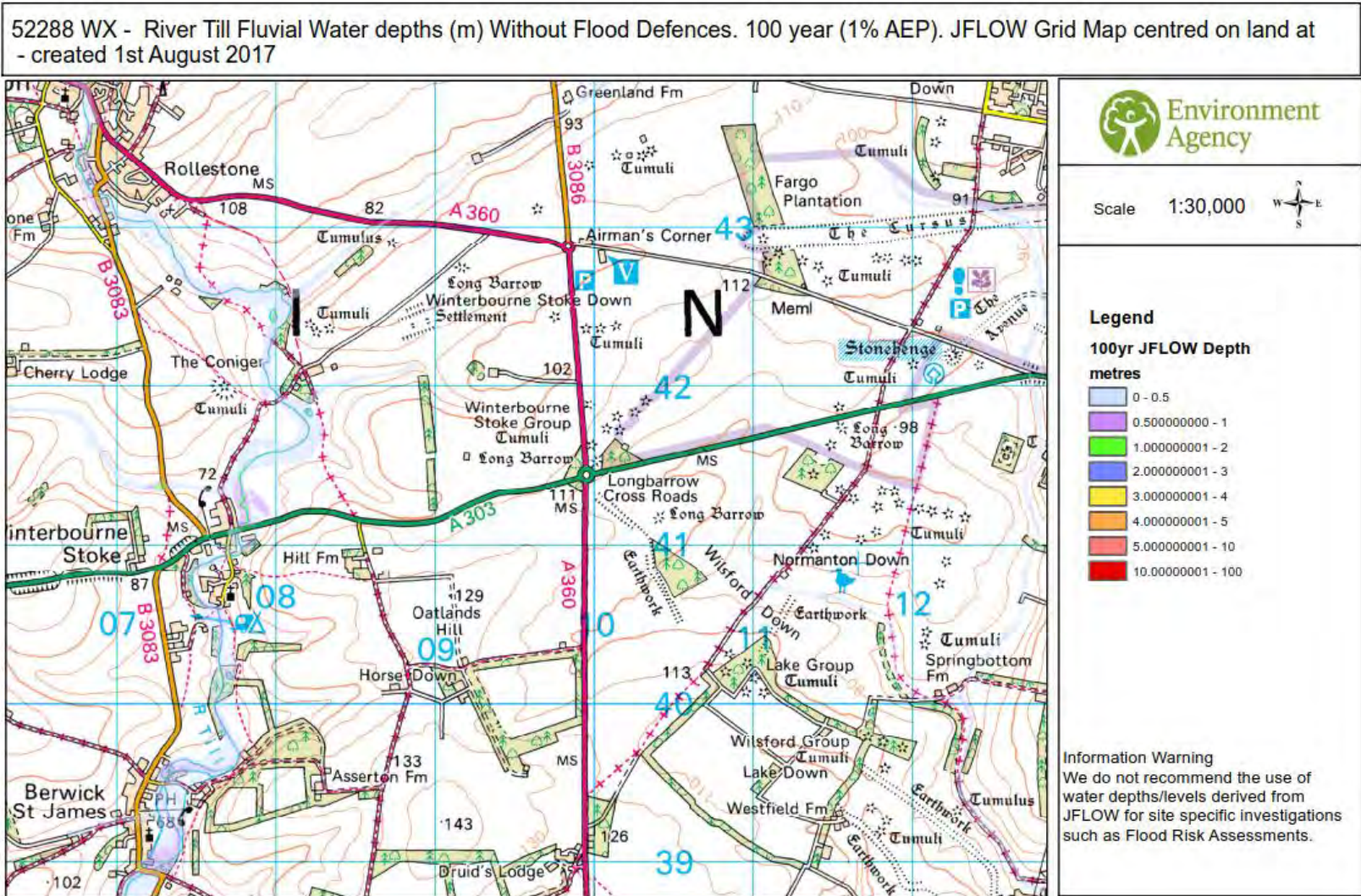
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52288 WX - River Avon Fluvial Water depths (m) Without Flood Defences. 1000 year (0.1% AEP). JFLOW Grid Map centred on land at - created 1st August 2017



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