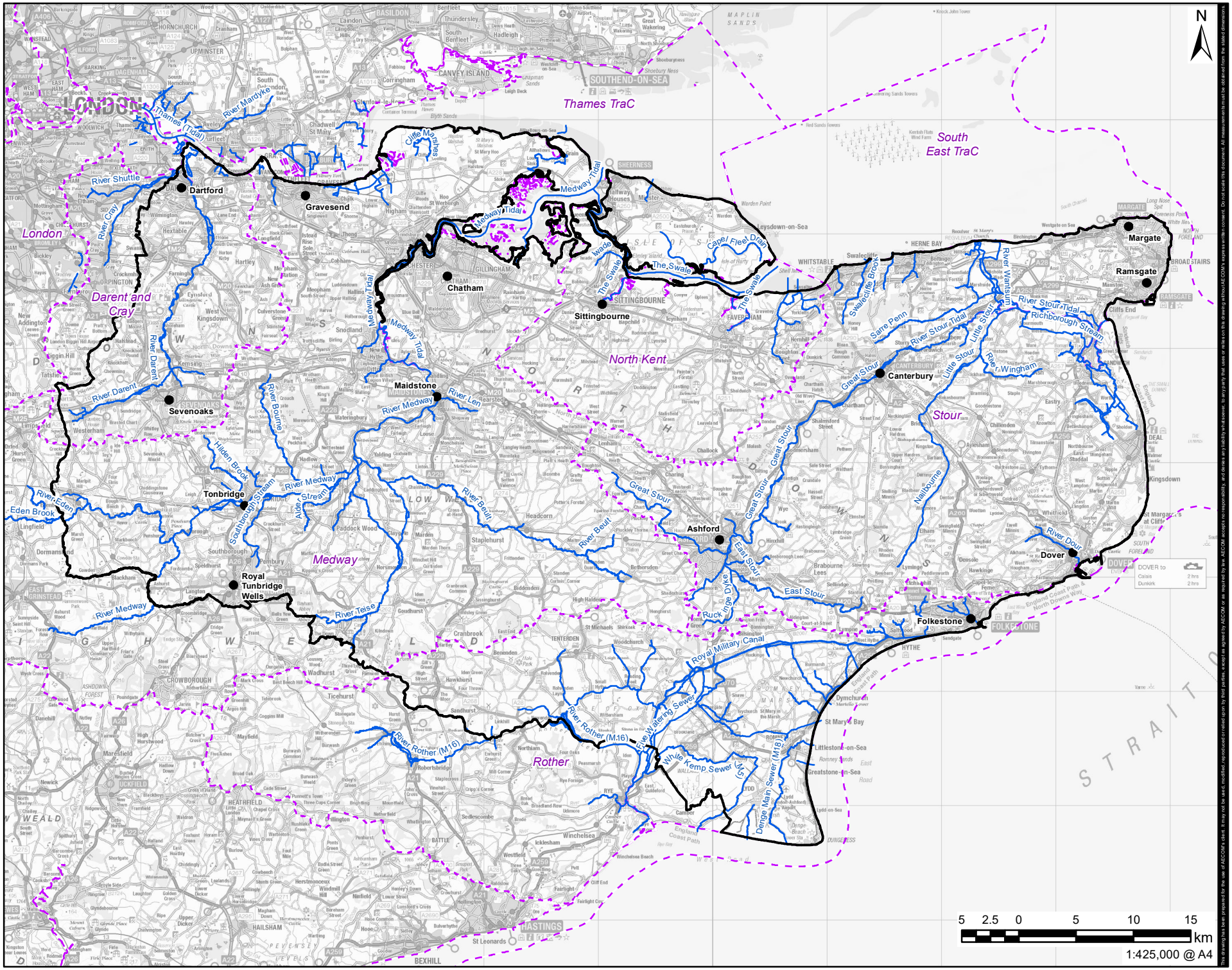
2. Context and Change Source Maps



Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON1 - River Systems in Kent.mxd

Revision: 01 Drawn: CNChecked: TD Approved: CP Date: 06/10/2021

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area
- Town/City
- Main Rivers
- WFD Management Catchment

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
© Environment Agency copyright and/or database right 2016
Contains Kent County Council Data © Crown Copyright and database right 2021. Licence number 100022432.

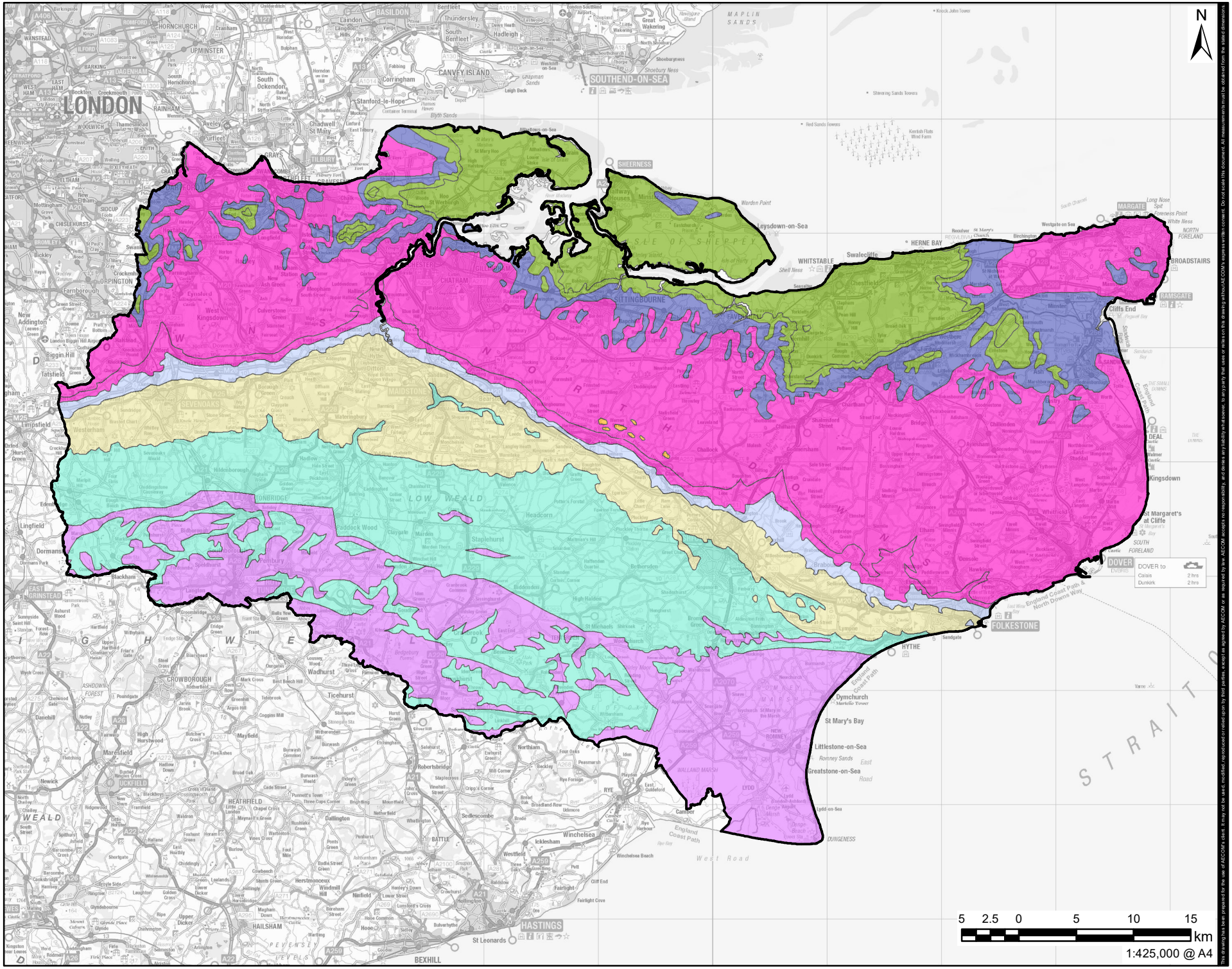
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
RIVER SYSTEMS IN KENT

SHEET NUMBER
CON1

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON2 - BGS Bedrock Geology.mxd

Revision: 01

Drawn: CNChecked: TD Approved: CP Date: 06/10/2021

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

Bedrock Geology
- Chalk
- Clay, Silt, Sand and Gravel
- Gravel, Sand, Silt and Clay
- Mudstone, Sandstine and Limestone
- Mudstone, Siltstone and Sandstone
- Sand, Silt and Clay
- Sandstone and Mudstone
- Sandstone and Siltstone, Interbedded

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
Contains British Geological Survey materials © UKRI 2021

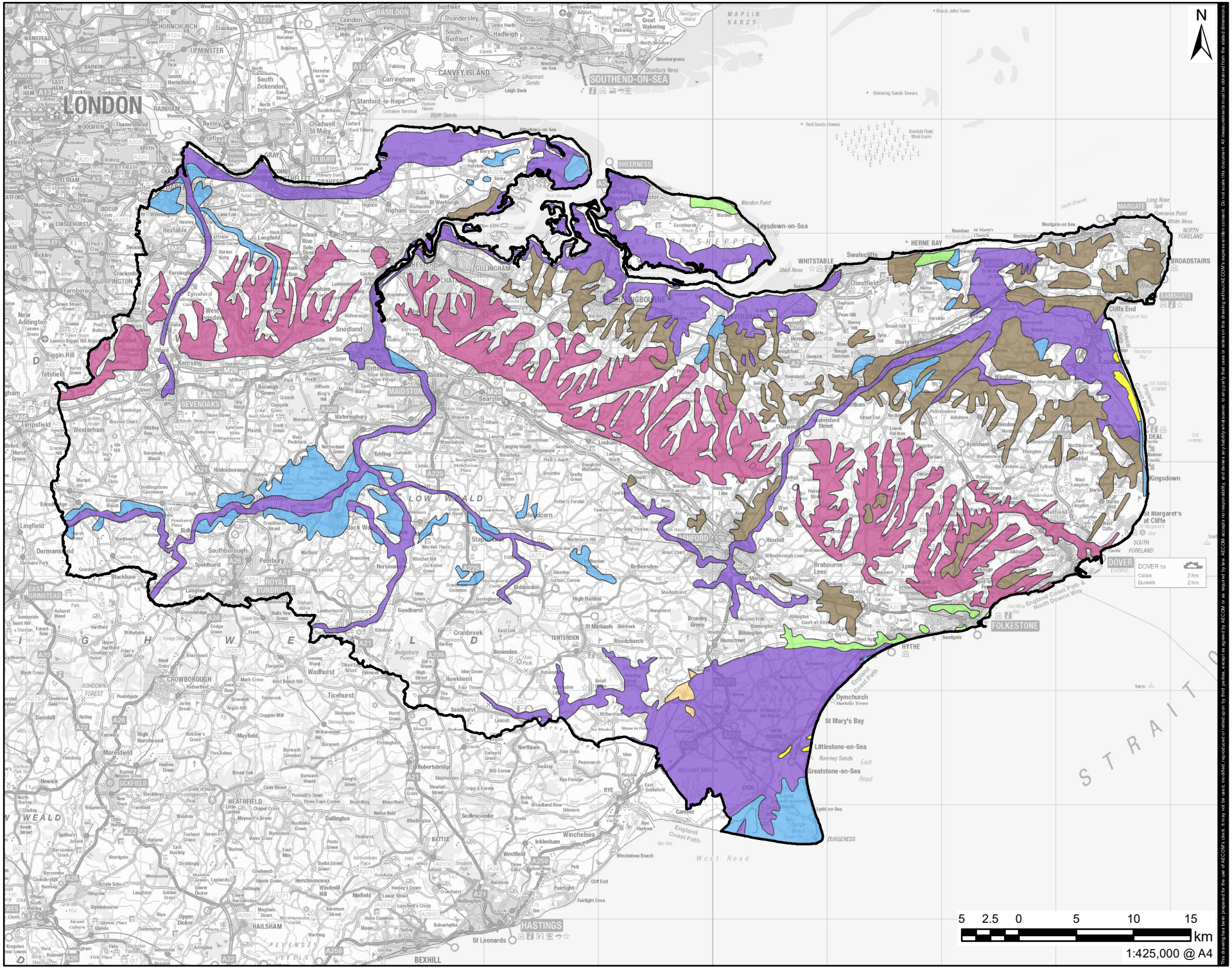
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
BRITISH GEOLOGICAL SURVEY
BEDROCK GEOLOGY

SHEET NUMBER
CON2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON3 - BGS Superficial Geology.mxd

Revision: 01

Drawn: CN Checked: TD Approved: CP Date: 06/10/2021

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

Superficial Geology
- Clay, Silt and Sand
- Diamicton
- Peat
- Sand
- Sand and Gravel
- Silt
- Unknown Lithology

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
Contains British Geological Survey materials © UKRI 2021

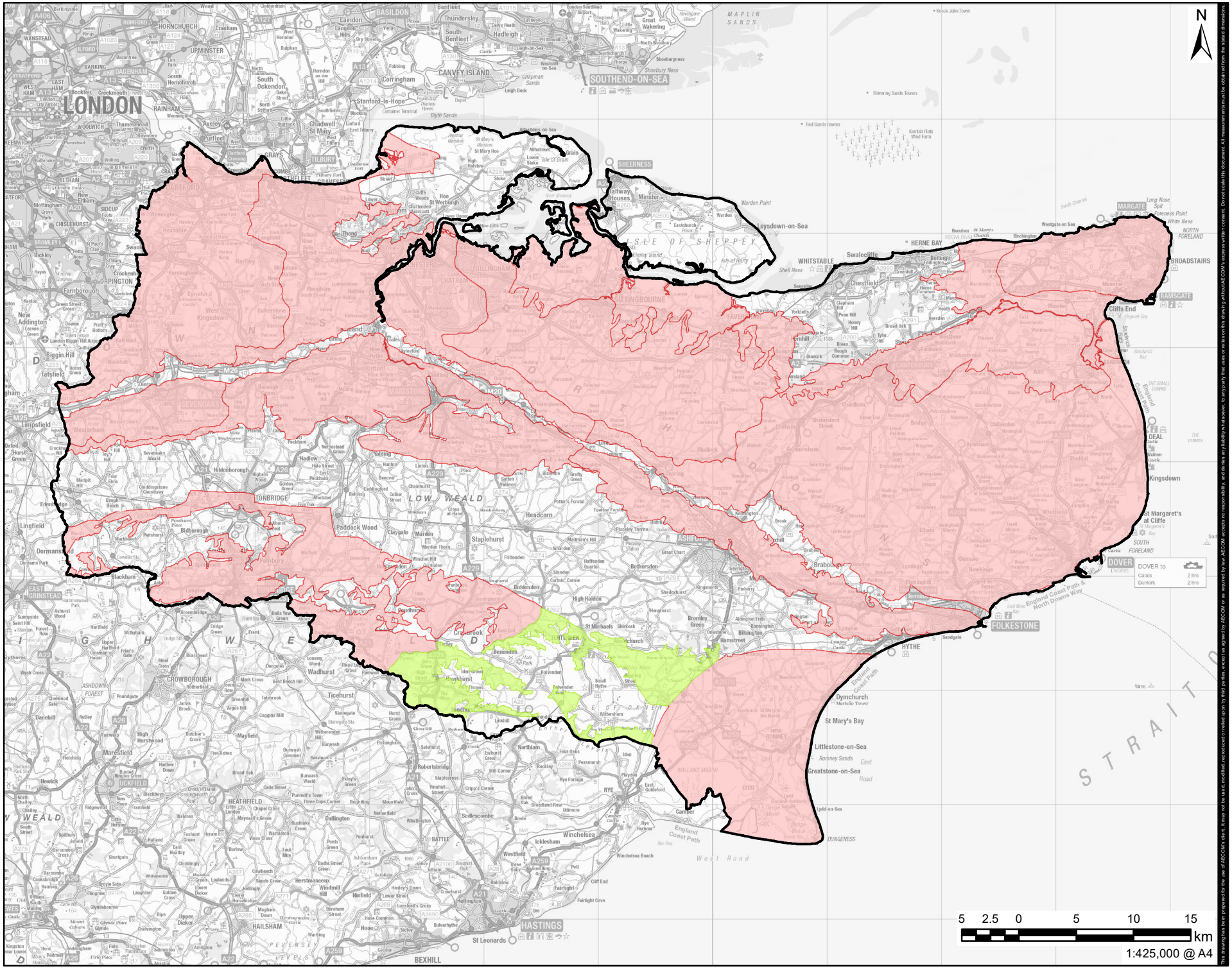
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
BRITISH GEOLOGICAL SURVEY
SUPERFICIAL GEOLOGY

SHEET NUMBER
CON3

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility and denies any liability whatsoever to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Drawn: CNChecked: TD Approved: CP Date: 06/10/2021

Revision: 01

Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON4 - WFD Groundwater Resource Rating.mxd

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

WFD Groundwater Resource Rating
- Good
- Poor

NOTES
Contains Ordnance Survey Data
© Crown Copyright and database right 2021.
© Environment Agency copyright and/or database right 2015.

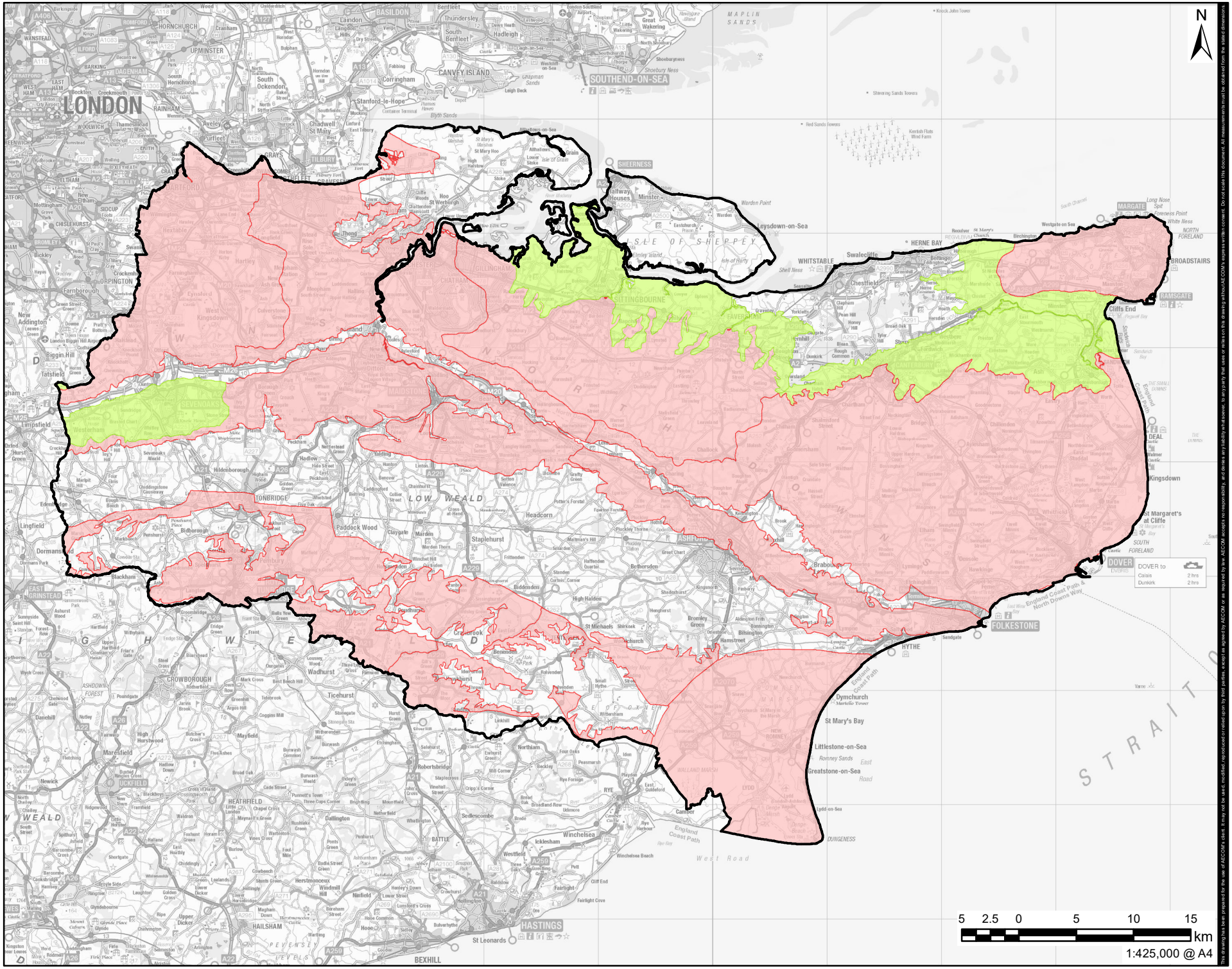
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
WFD GROUNDWATER RESOURCE RATING

SHEET NUMBER
CON4

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON5 - WFD Groundwater Quality Rating.mxd
Revision: 01
Drawn: CNChecked: TD Approved: CP Date: 06/10/2021

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

WFD Groundwater Quality Rating
- Good
- Poor

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
© Environment Agency copyright and/or database right 2015.

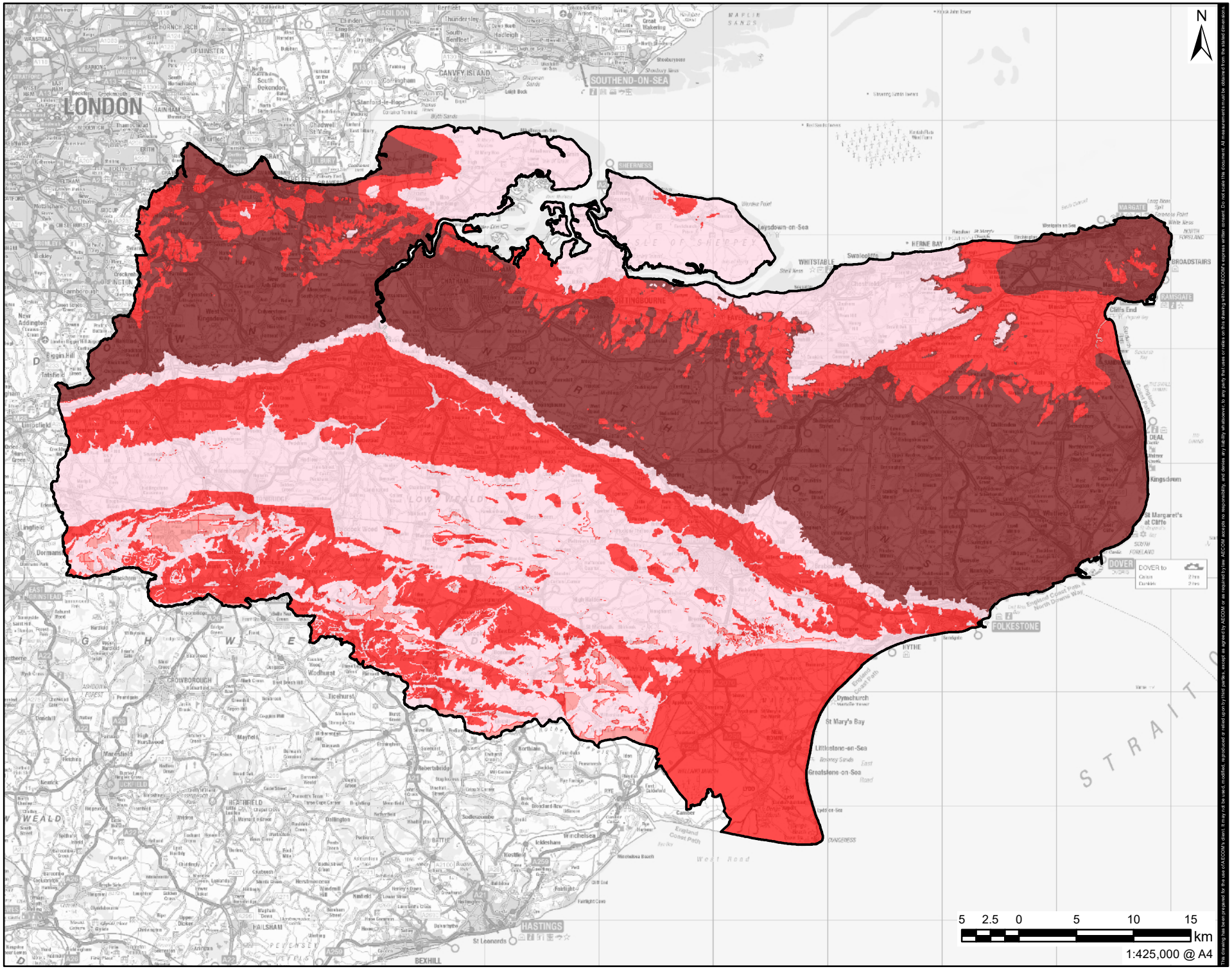
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
WFD GROUNDWATER QUALITY RATING

SHEET NUMBER
CON5

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Filename: \\na.aecomnet.com\lfs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW00114400 - Management Services\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON6 - BGS Bedrock Permeability.mxd
Revision: 01 Drawn: CN Checked: TD Approved: CP Date: 15/07/2022

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

Bedrock Permeability
- Very High
- High
- Moderate
- Low

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
Contains British Geological Survey materials © UKRI 2021

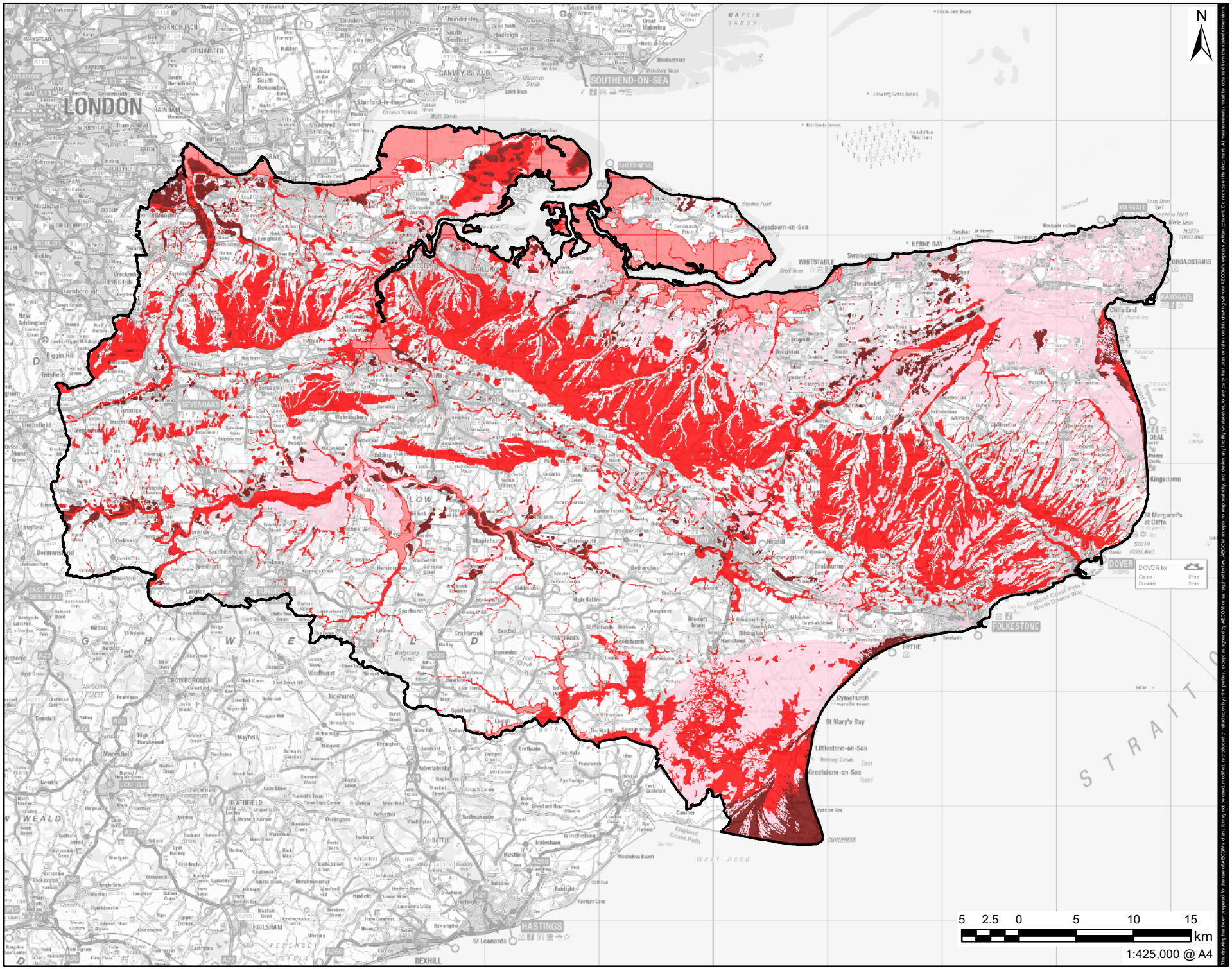
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
PERMEABILITY OF BEDROCK GEOLOGY

SHEET NUMBER
CON6

The drawing has been prepared for the use of AECOM's client, it may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements should be obtained from the stated dimensions.



Filename: \\na.aecomnet.com\lfs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW00114400 - Management Services\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON7 - BGS Superficial Permeability.mxd
Revision: 01 Drawn: CNChecked: TD Approved: CP Date: 22/07/2022

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

Superficial Permeability
- Very High
- High
- Moderate
- Low

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
Contains British Geological Survey materials © UKRI 2021

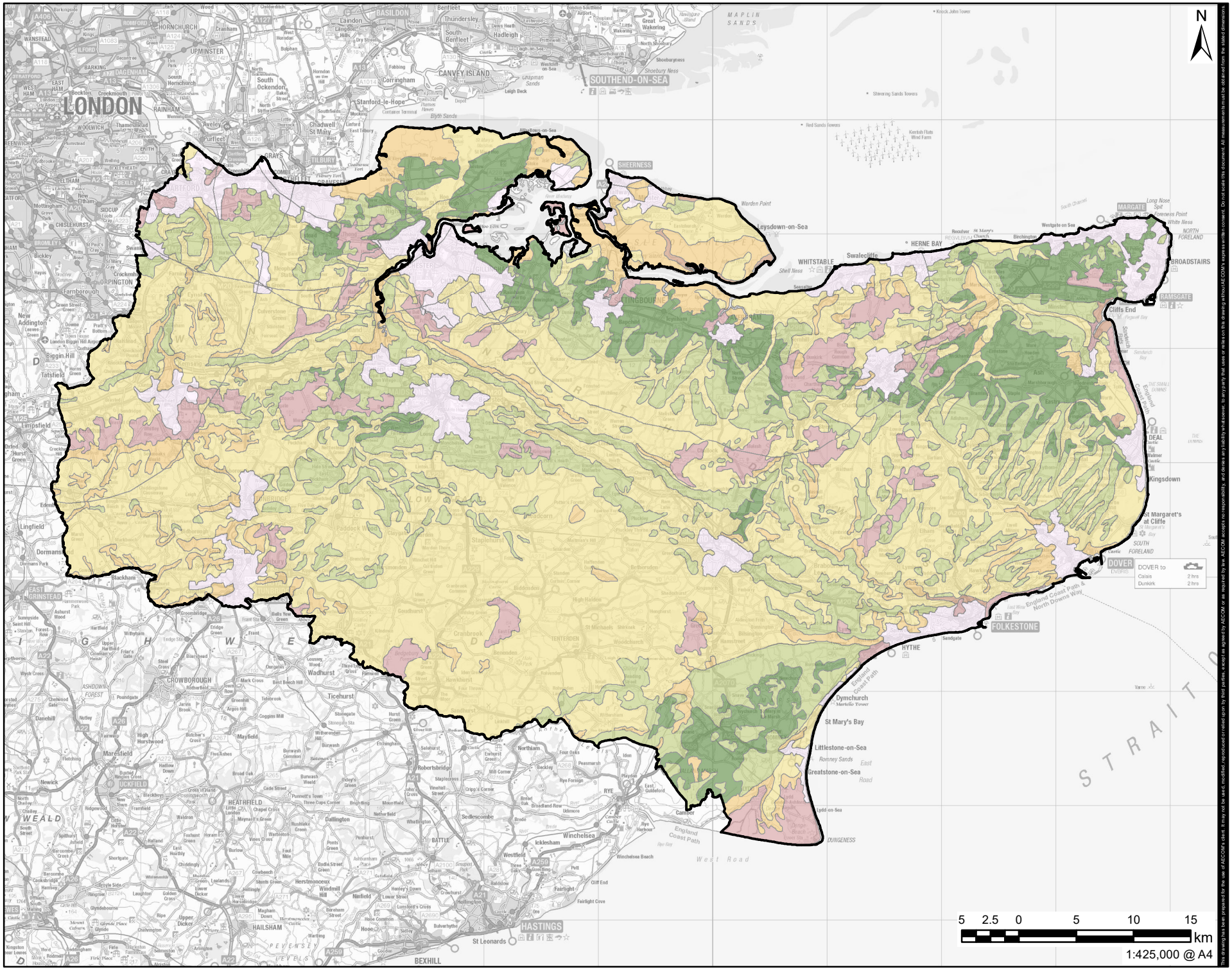
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
PERMEABILITY OF SUPERFICIAL GEOLOGY

SHEET NUMBER
CON7

The drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements should be obtained from the stated dimensions.



Drawn: CNChecked: TD Approved: CP Date: 06/10/2021

Revision: 01

Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON8 - Agricultural Land Classification.mxd

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

Agricultral Land Classification

Grade
- Grade 1
- Grade 2
- Grade 3
- Grade 4
- Grade 5
- Non
- Urban

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2021.

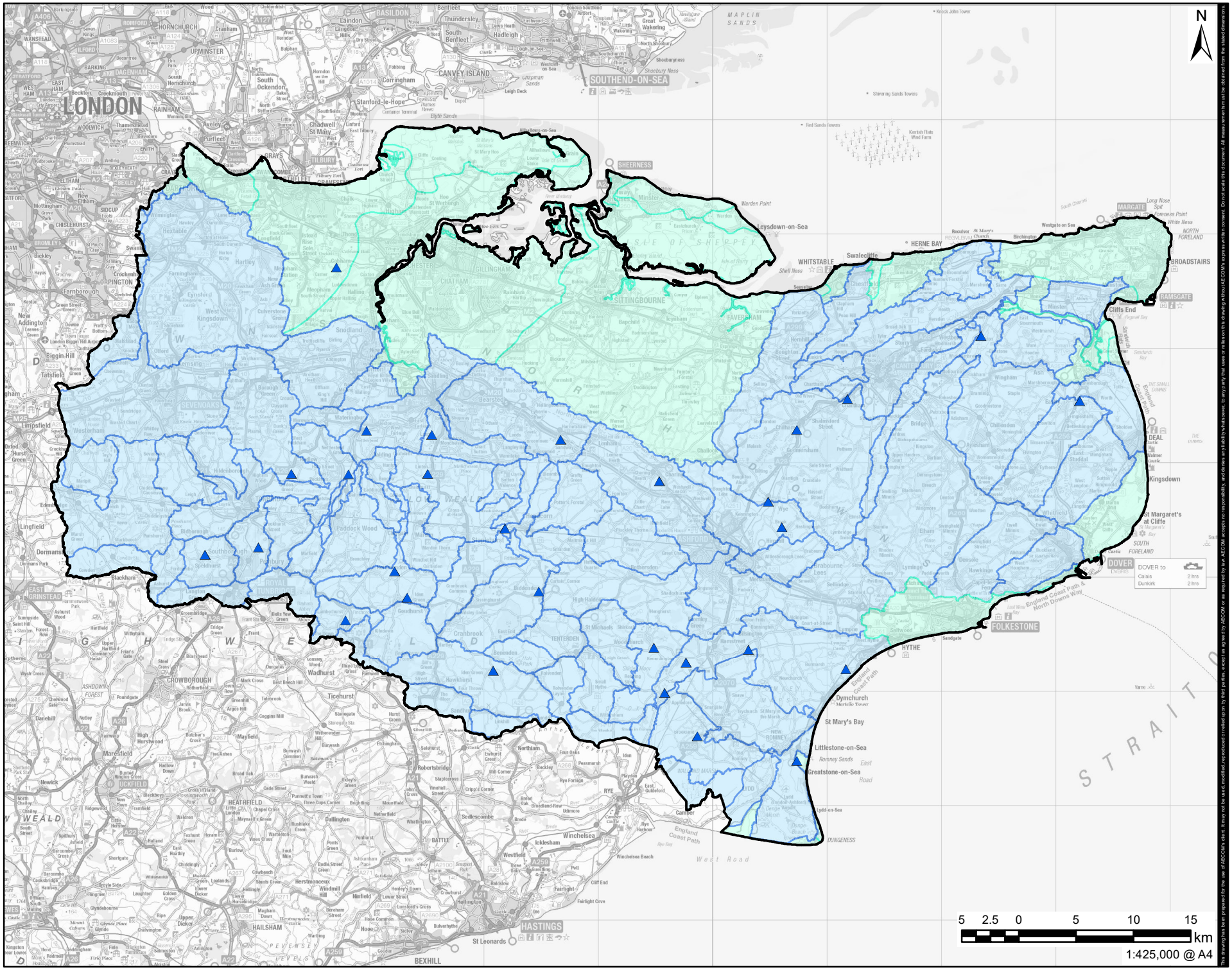
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
AGRICULTURAL LAND CLASSIFICATION

SHEET NUMBER
CON8

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Drawn: CNChecked: TD Approved: CP Date: 06/10/2021

Revision: 01

Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON9 - WwTW and WFD River WB Catchments.mxd

AECOM

PROJECT

KENT SRA

CLIENT

Kent County Council kent.gov.uk

CONSULTANT

AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND

- Study Area
- Wastewater Treatment Works Location

WFD River Water Body Catchment

- Coastal Catchment
- River Water Body Catchment

NOTES

Contains Ordnance Survey Data © Crown Copyright and database right 2021.
© Environment Agency copyright and/or database right 2015.
Contains Kent County Council Data © Crown Copyright and database right 2021. Licence number 100022432.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60637399

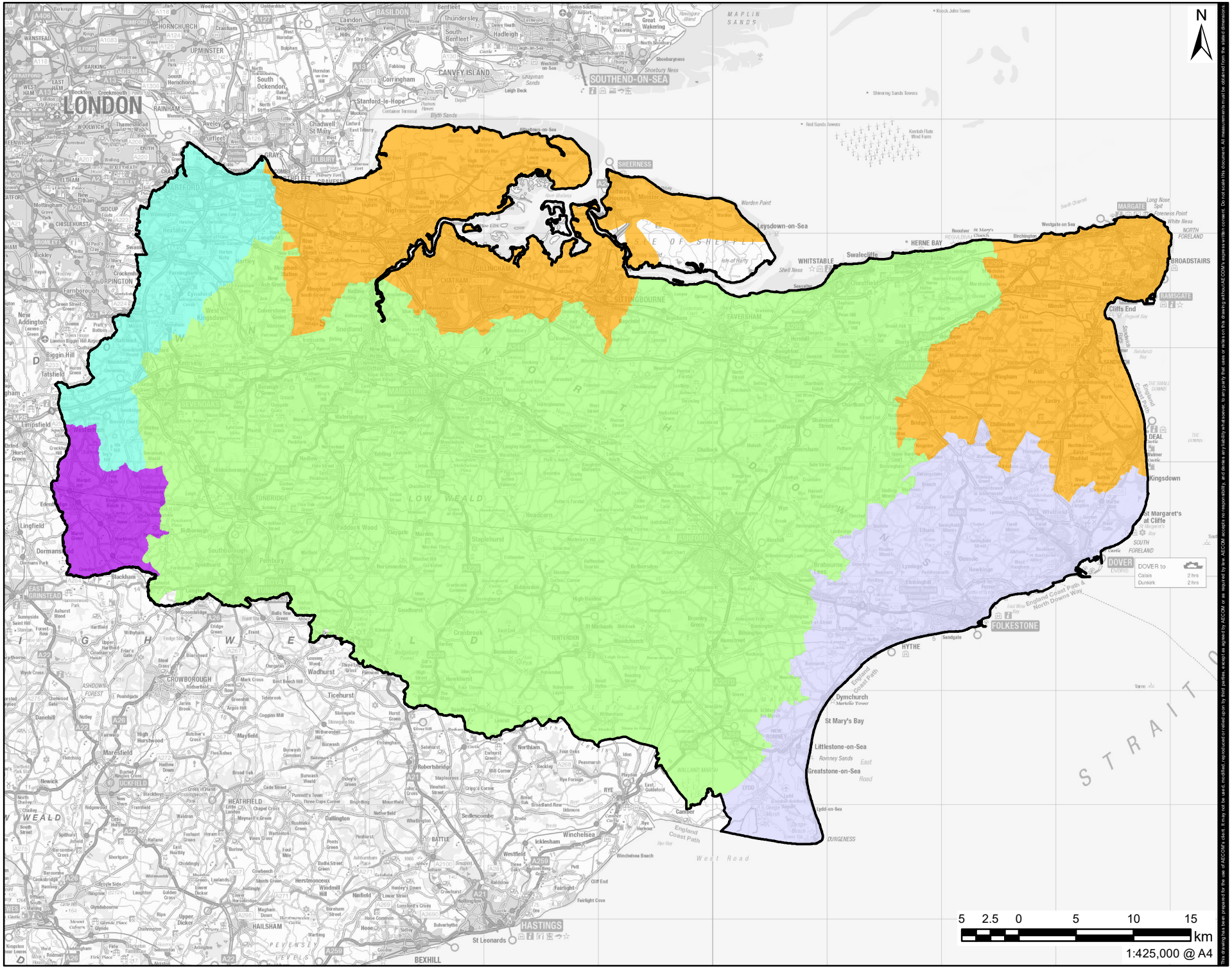
SHEET TITLE

WWTW LOCATION AND RECEIVING WFD WATERBODY CATCHMENT

SHEET NUMBER

CON9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Filename: I:\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON10 - Water Company Resource Zones.mxd

Revision: 01 Drawn: CN Checked: TD Approved: CP Date: 06/10/2021

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND
- Study Area

Water Company Resource Zones
- Affinity Water
- South East Water - Eastern
- Southern Water
- Sutton and East Surrey Water
- Thames Water

NOTES
Contains Ordnance Survey Data © Crown Copyright and database right 2021.
Contains Kent County Council Data © Crown Copyright and database right 2021. Licence number 100022432.

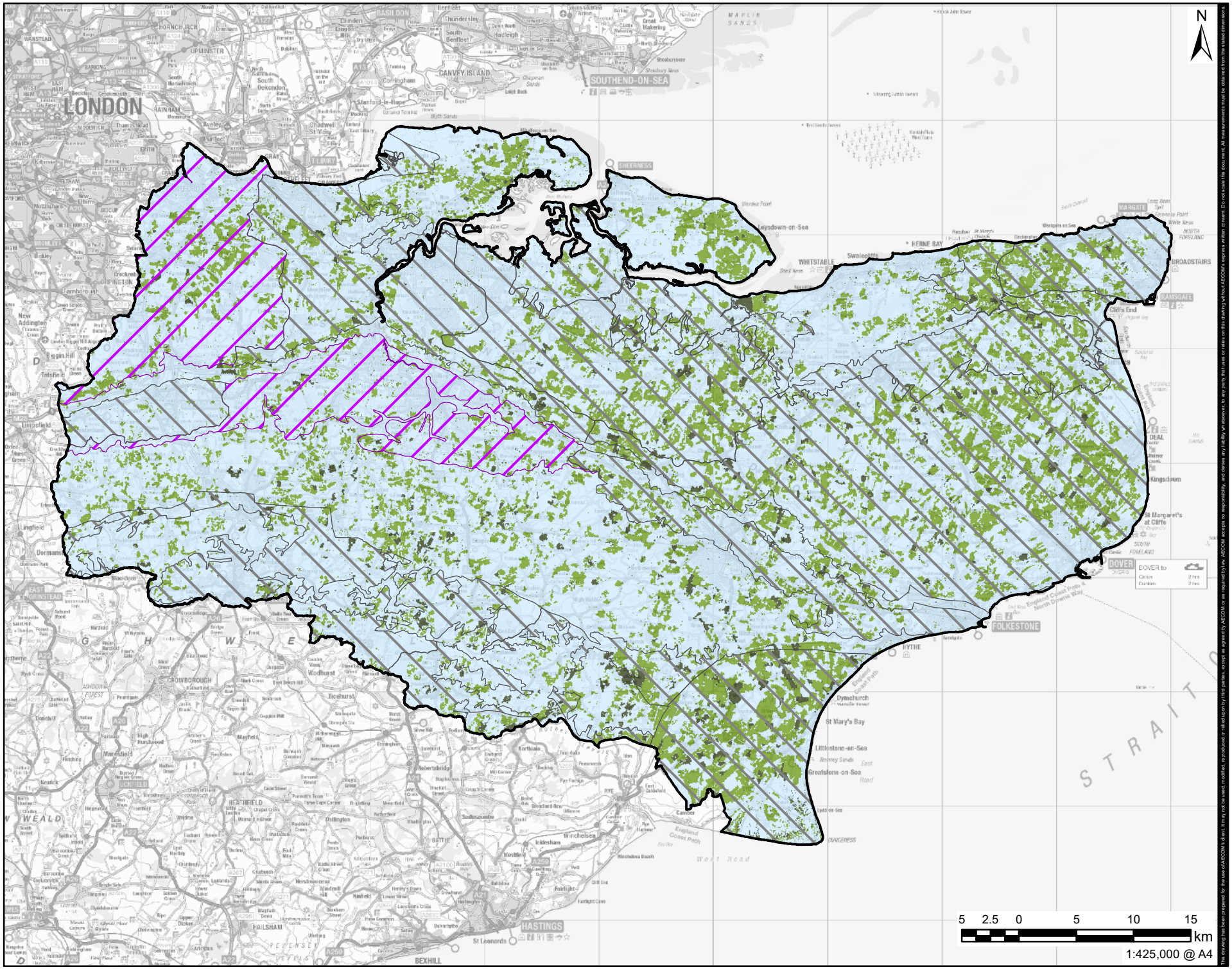
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
WATER COMPANY RESOURCE ZONES

SHEET NUMBER
CON10

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on the drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



Filename: \\na.aecomnet.com\lfs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW00114400 - Management Services\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON11 - Agricultural Pressures - Groundwater.mxd
Revision: 01 Drawn: CN Checked: TD Approved: CP Date: 15/07/2022

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council
kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND

- Study Area

WFD Groundwater Bodies Not Achieving Good Status Due to Confirmed Agricultural Pressures

- Poor
- Other

Agriculture Crop Broad Category

- Arable Land: Arable Crops for Crop Diversification
- Arable land: Leguminous and Nitrogen-fixing Crops for Crop Diversification and Ecological Focus Areas
- Other

NOTES
Contains Ordnance Survey Data
© Crown Copyright and database right 2021.
© Environment Agency copyright and/or database right 2016
© Rural Payments Agency

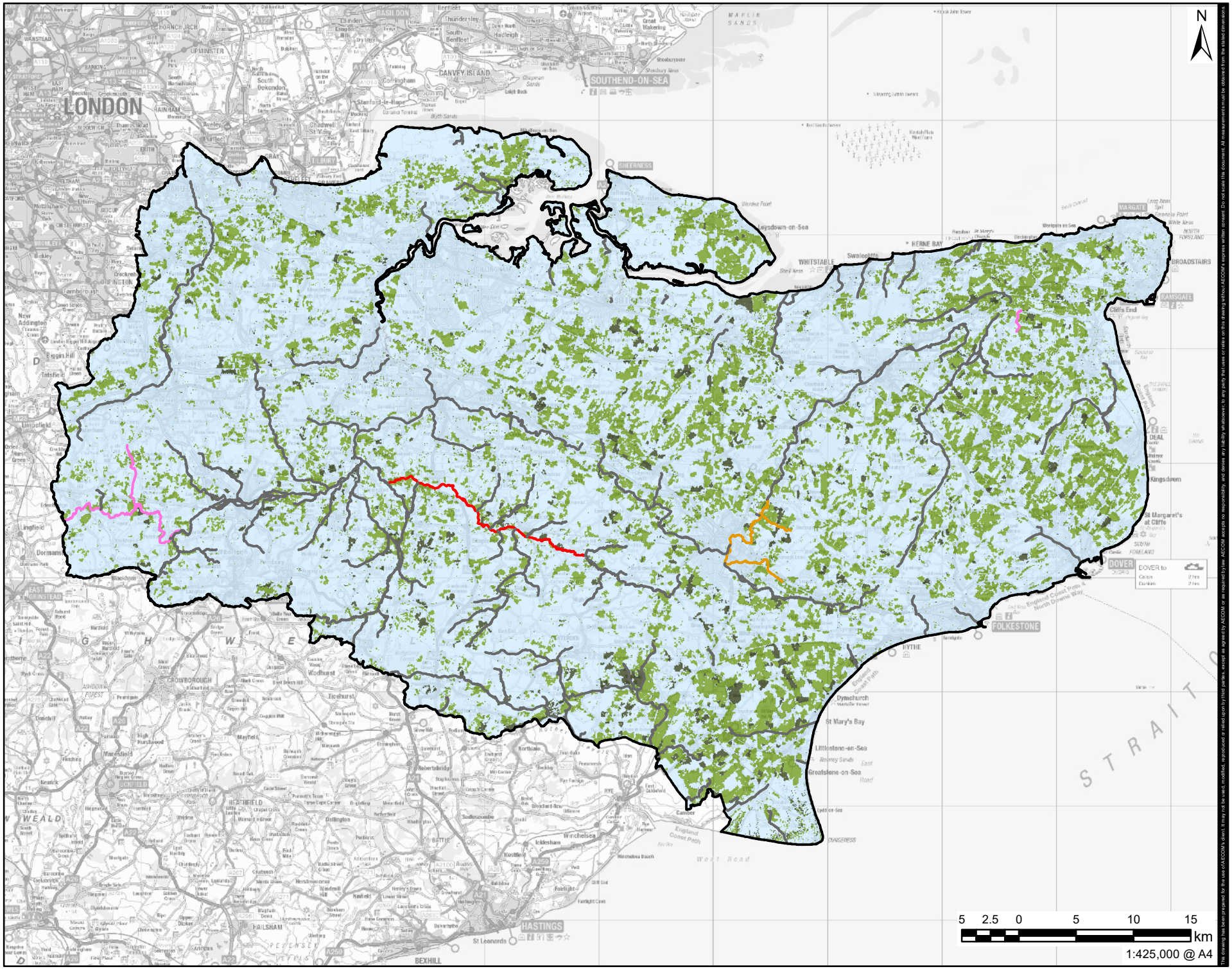
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
AGRICULTURAL PRESSURES - GROUNDWATER

SHEET NUMBER
CON11

The drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements should be obtained from the stated dimensions.



Filename: \\na.aecomnet.com\lfs\EMEA\Basingstoke-UKBAS1\Legacy\UKBAS1PFILW00114400 - Management Services\5004 - Information Systems\60637399_Phase_2_Kent_NFM\02_Maps\CON12 - Agricultural Pressures - Rivers.mxd
Revision: 01 Drawn: CN Checked: TD Approved: CP Date: 22/07/2022

AECOM

PROJECT
KENT SRA

CLIENT
Kent County Council kent.gov.uk

CONSULTANT
AECOM Limited
Midpoint
Alencon Link
Basingstoke, RG21 7PP
T: +44-(0)20-7061-7000
www.aecom.com

LEGEND

Study Area

WFD River Water Bodies Not Achieving Good Status Due to Confirmed Agricultural Pressures

- Bad
- Poor
- Moderate
- Other

Agriculture Crop Broad Category

- Arable Land: Arable Crops for Crop Diversification
- Arable land: Leguminous and Nitrogen-fixing Crops for Crop Diversification and Ecological Focus Areas
- Other

NOTES

Contains Ordnance Survey Data
© Crown Copyright and database right 2021.
© Environment Agency copyright and/or database right 2016
© Rural Payments Agency

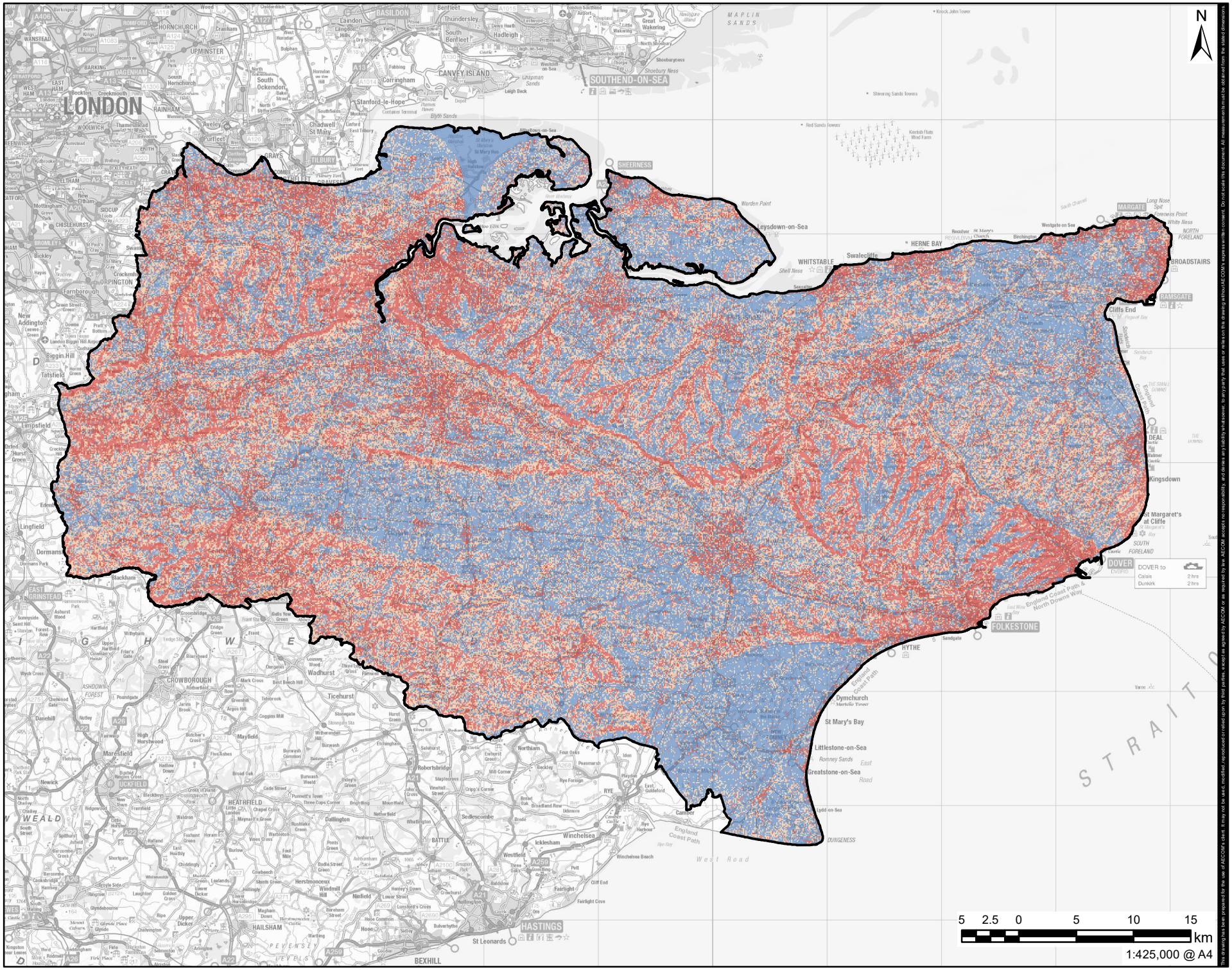
ISSUE PURPOSE
FINAL

PROJECT NUMBER
60637399

SHEET TITLE
AGRICULTURAL PRESSURES - RIVERS

SHEET NUMBER
CON12

The drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that makes unauthorised use of the drawing without AECOM's express written consent. Do not scale this document. All measurements should be obtained from the stated dimensions.


N
LONDON
SOUTHEND-ON-SEA
SHEERNESS
MARGATE
RAMSGATE
HERNE BAY
WHITSTABLE
Leysdown-on-Sea
Swalecliffe
BROADSTAIRS
DEAL
Kingsdown
St Margaret's at Cliffe
DOVER
DOVER to
Calais 2 hrs
Dunkirk 2 hrs
FOLKESTONE
HYTHE
Dymchurch
St Mary's Bay
Littlestone-on-Sea
Greatstone-on-Sea
RYE
Winchelsea
HASTINGS
St Leonards
BEXHILL
CROWBOROUGH
HEATHFIELD
BATTLE
Tenterden
Ashford
Canterbury
Whitstable
Herne Bay
Sittingbourne
Gravesend
Tilbury
Basildon
Thurrock
Dartford
Bromley
Orpington
Sevenoaks
Tonbridge
Maidstone
Folkestone
Hythe
Romney Marsh
Ashdown Forest
Weald
MAPLIN SANDS
Knock John Tower
Shivering Sands Towers
Red Sands Towers
Kentish Flats Wind Farm
Warden Point
Shell Ness
Long Nose Spit
Foreness Point
White Ness
NORTH FORELAND
SOUTH FORELAND
Cliffs End
Sandwich Bay
Pegwell Bay
Westgate on Sea
Birchington
Receiver
St Mary's Church
Shell Ness
Swale
Thames Estuary
Medway Towns
Isle of Sheppey
Isle of Grain
Hoo Peninsula
Dengeness
Romney Sands
Rye Bay
Pett Level
Hastings Cliffs
Fairlight Cove
Cliff End
Bexhill
Pevensey
Hailsham
Eastbourne
Lewes
Uckfield
Crowborough
Tunbridge Wells
Sevenoaks
Dartford
Gravesend
Rochester
Chatham
Gillingham
Sittingbourne
Faversham
Whitstable
Canterbury
Ashford
Tenterden
Rye
Winchelsea
Hastings
Bexhill