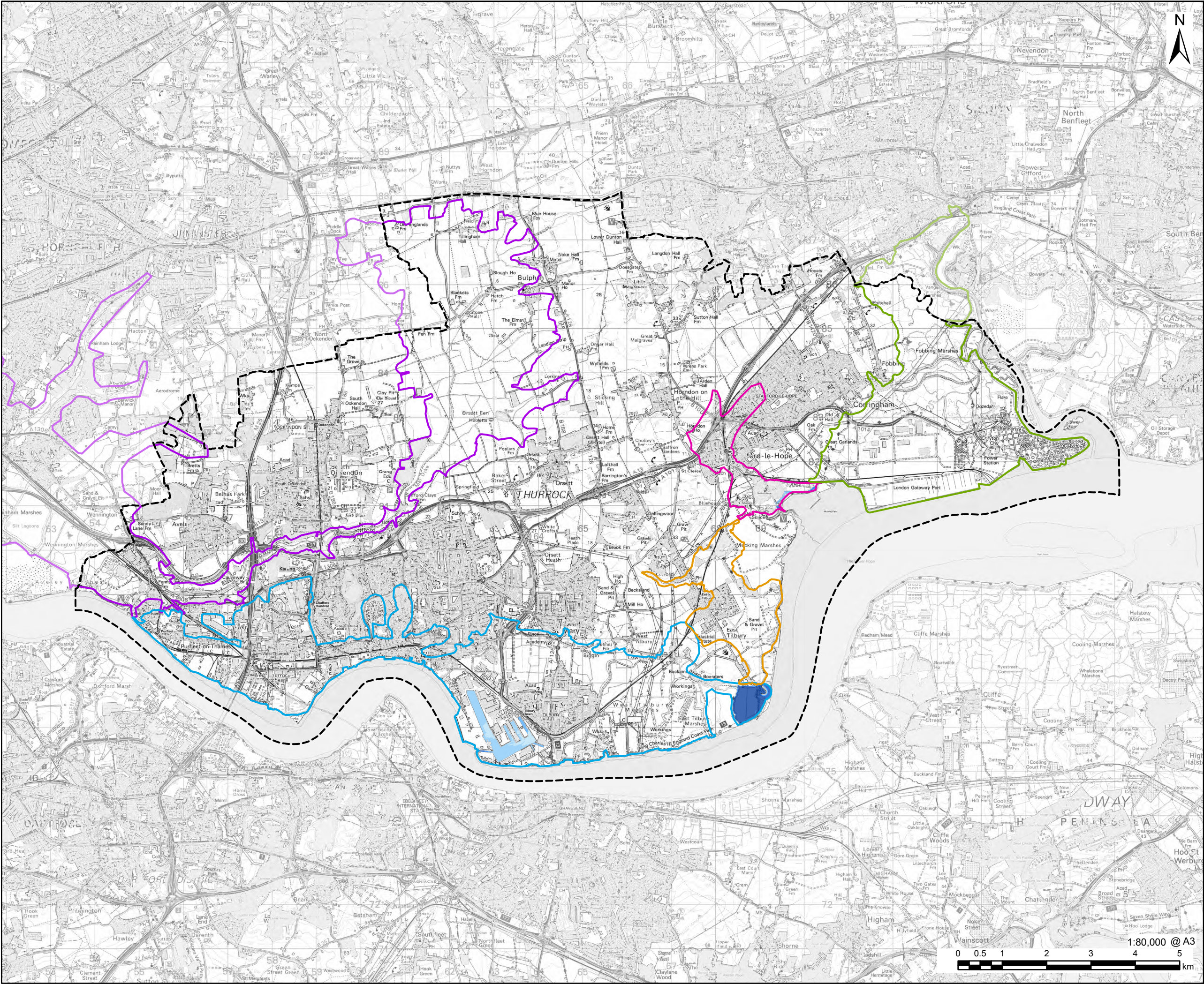




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Strategic Flood Risk
Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

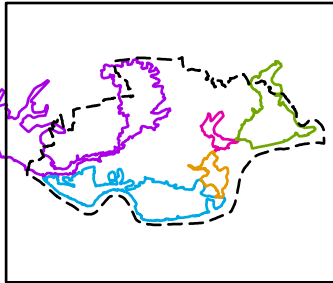
Flood Cell

- Mardyke
- Grays / Purfleet / Tilbury
- East Tilbury
- Mucking
- Fobbing

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



NOTES

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

60689110

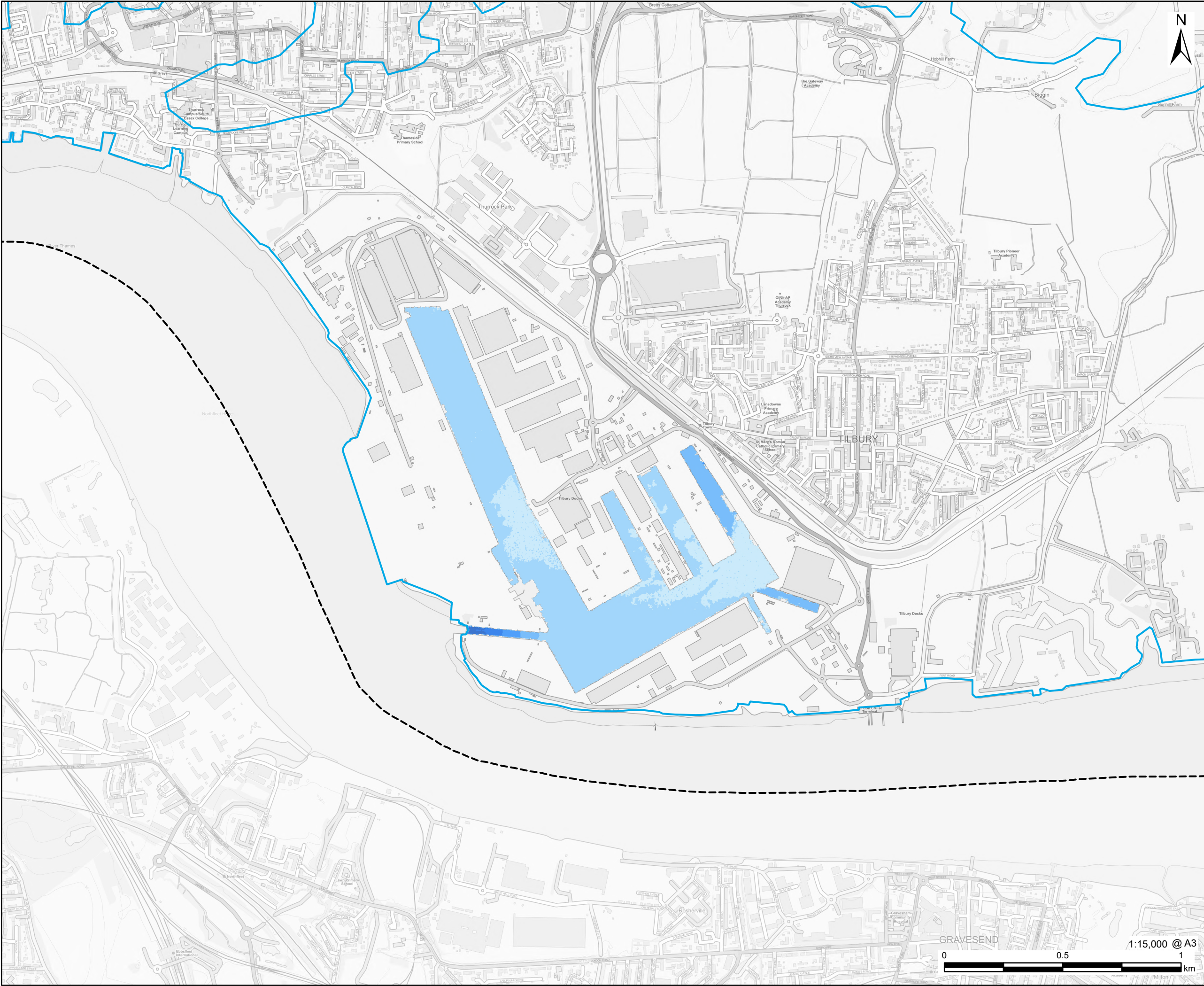
FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Depth

FIGURE NUMBER

Figure 1





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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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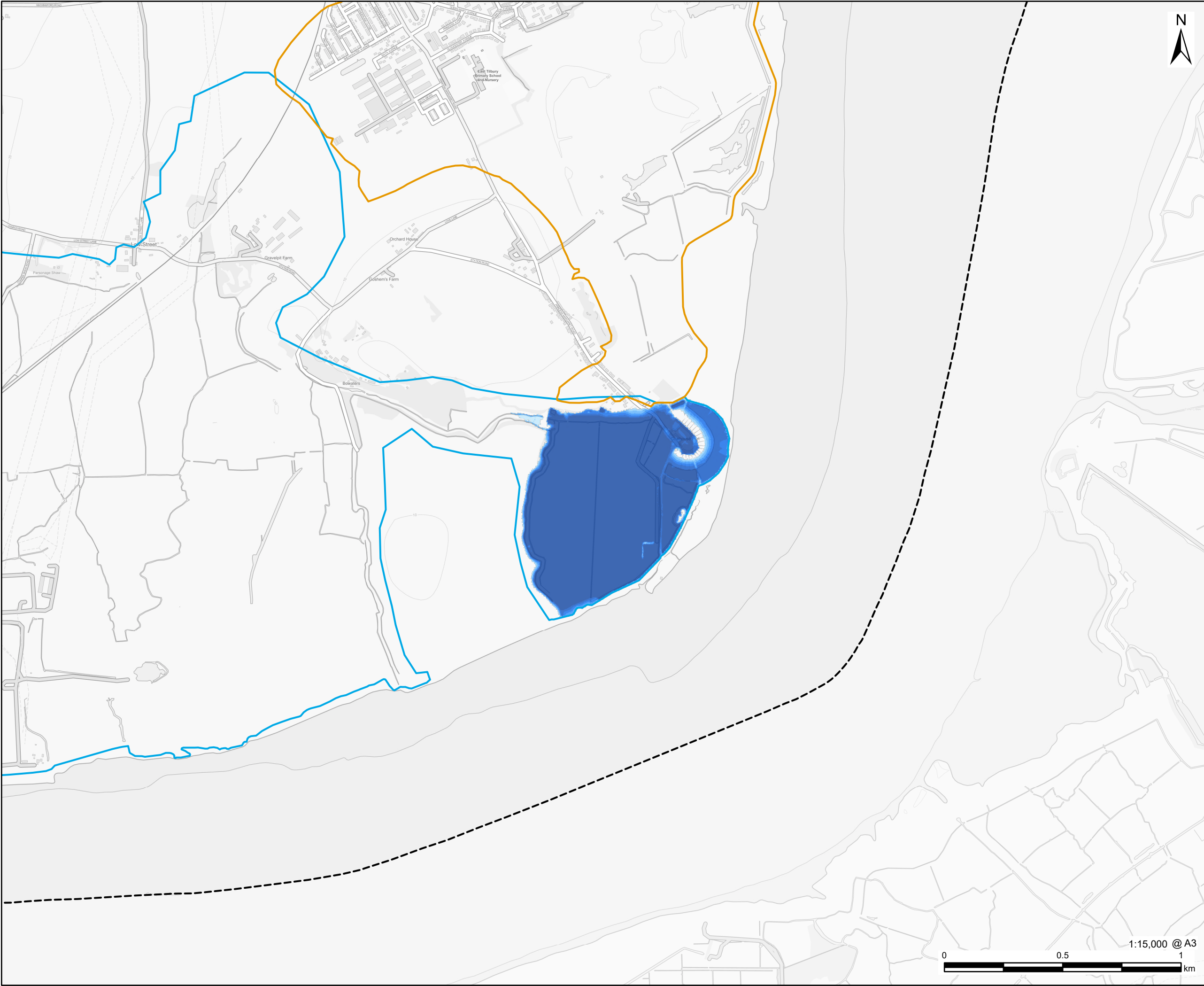
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Depth

FIGURE NUMBER

Figure 1A



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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

East Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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PROJECT NUMBER

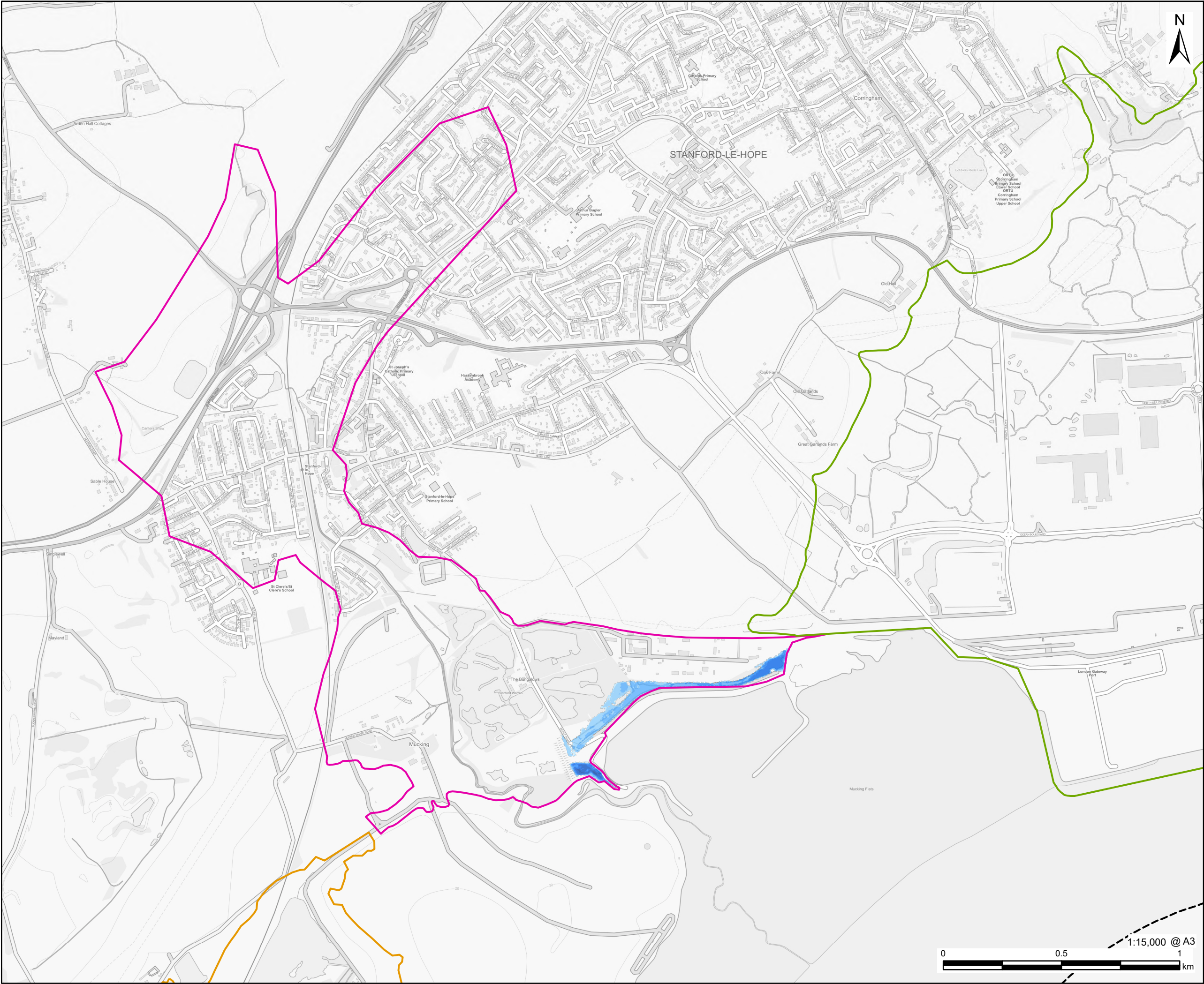
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Depth

FIGURE NUMBER

Figure 1B



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LEGEND

Thurrock Borough Boundary

Flood Cell

East Tilbury

Mucking

Fobbing

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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PROJECT NUMBER

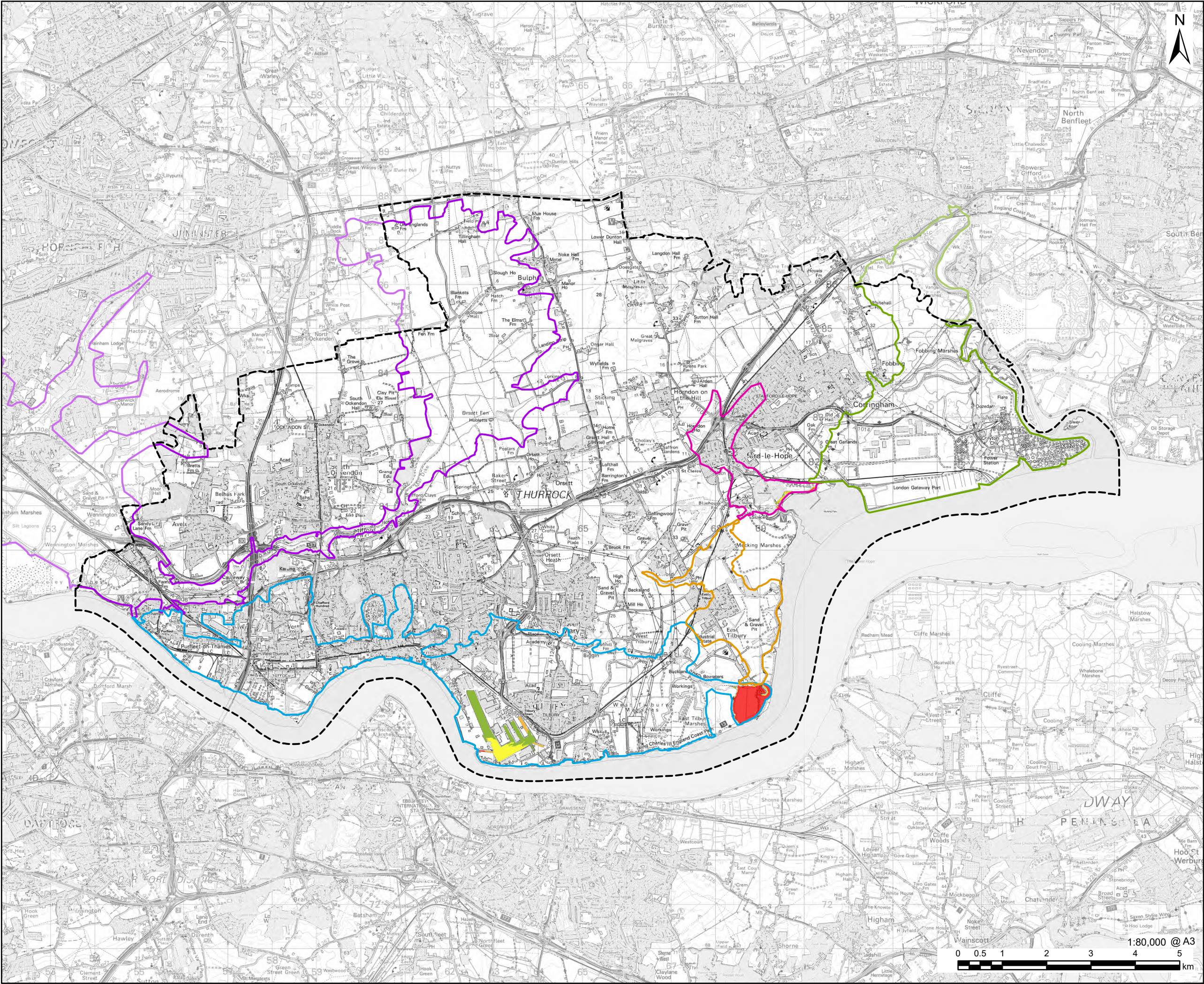
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Depth

FIGURE NUMBER

Figure 1C



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Strategic Flood Risk
Assessment (SFRA)

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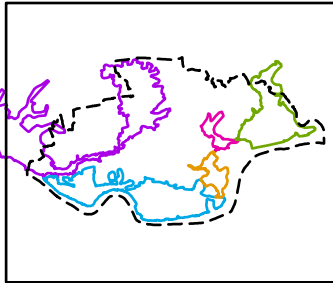
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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Mardyke
 - Grays / Purfleet / Tilbury
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating
- Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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ISSUE PURPOSE

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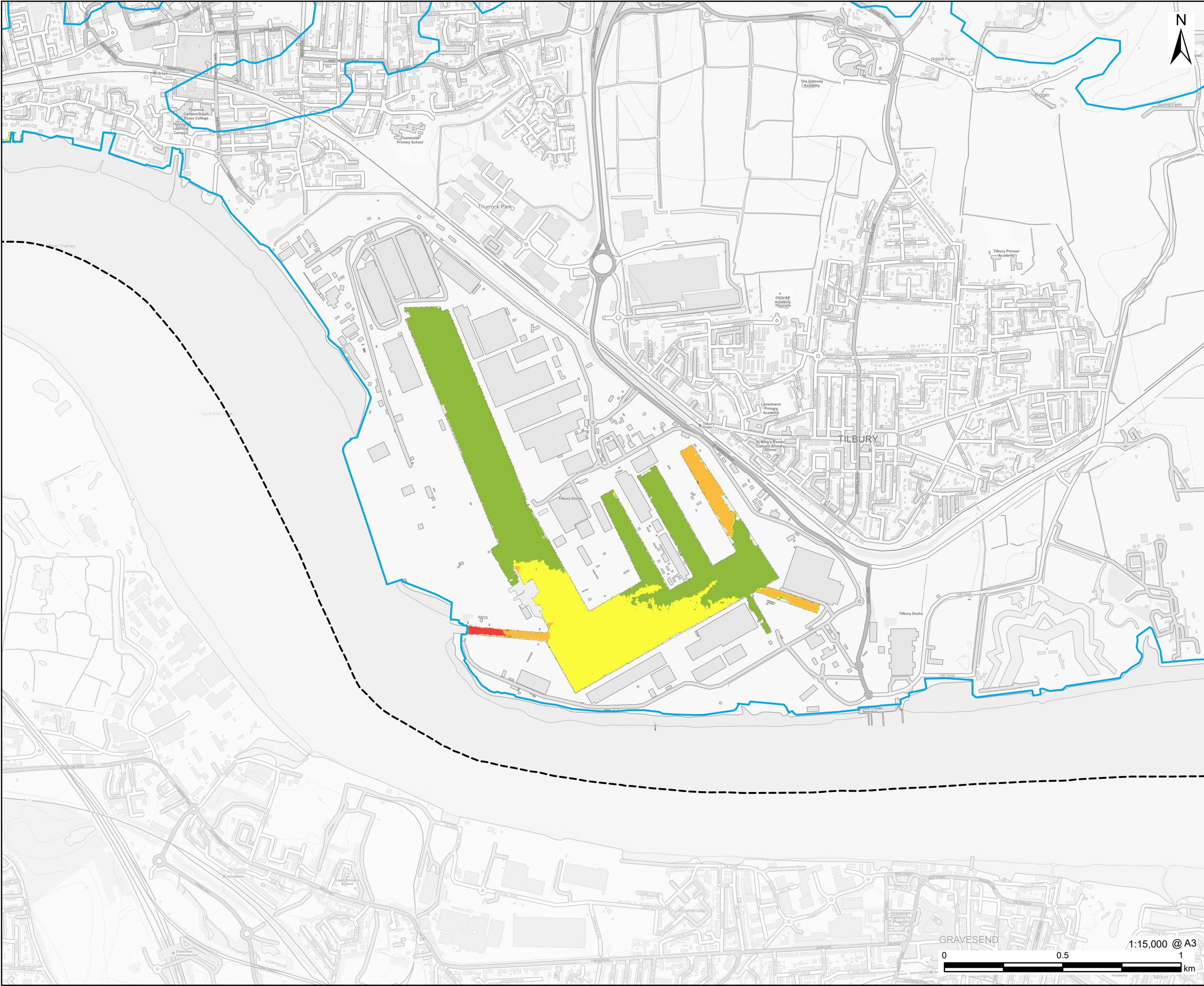
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Hazard

FIGURE NUMBER

Figure 2



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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Grays / Purfleet / Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



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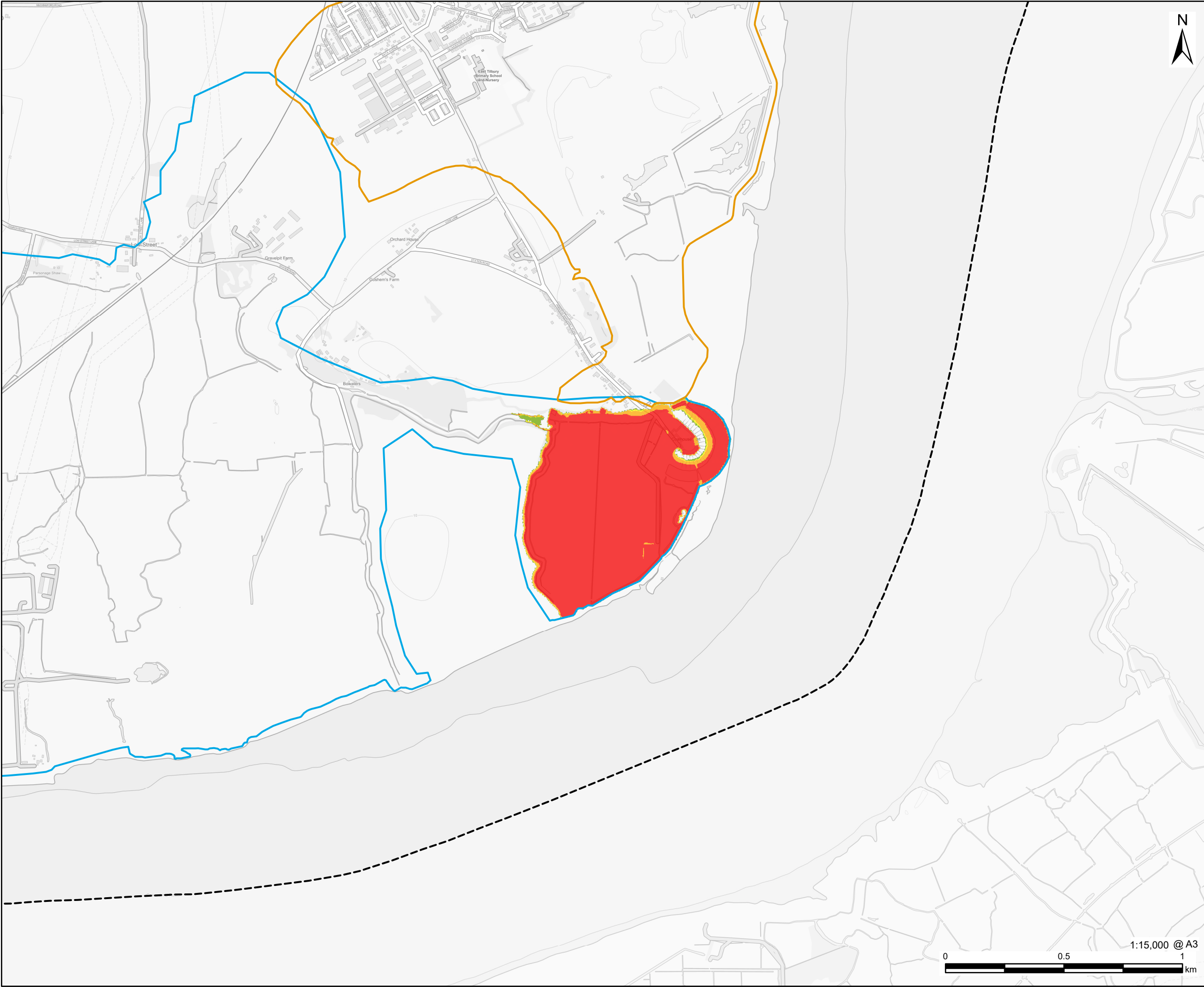
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Hazard

FIGURE NUMBER

Figure 2A



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LEGEND

- Thurrock Borough Boundary
- Flood Cell
 - Grays / Purfleet / Tilbury
 - East Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



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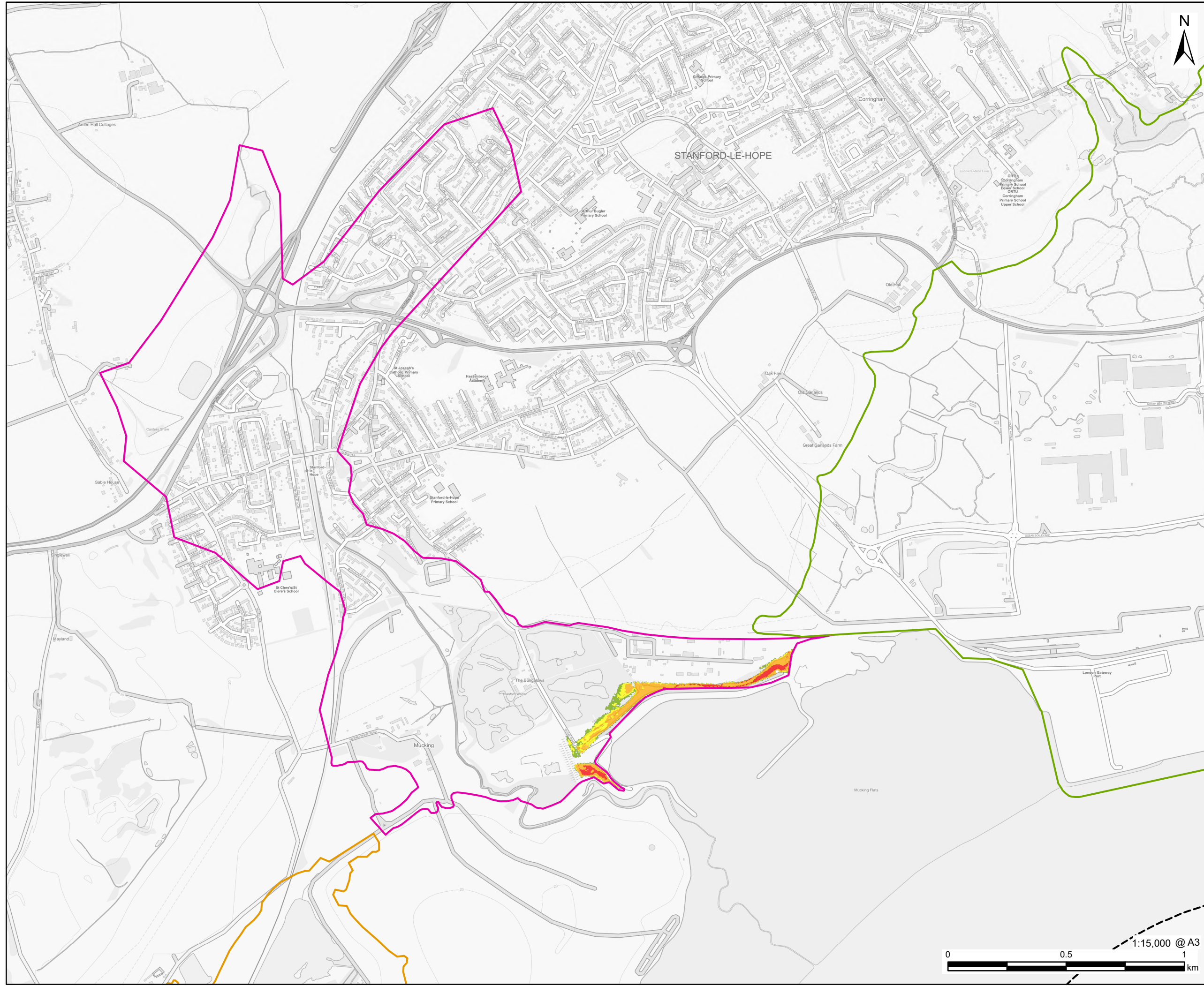
FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Hazard

FIGURE NUMBER

Figure 2B

0 0.5 1
km
1:15,000 @ A3



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LEGEND

 Thurrock Borough Boundary

Flood Cell

East Tilbury

☐ Mucking

☐ Fobbing

Hazard Rating

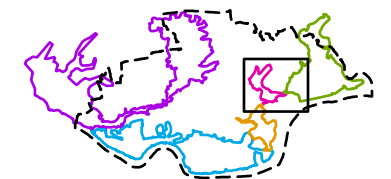
Low

 Moderate

 Significant

Extreme

OVERVIEW



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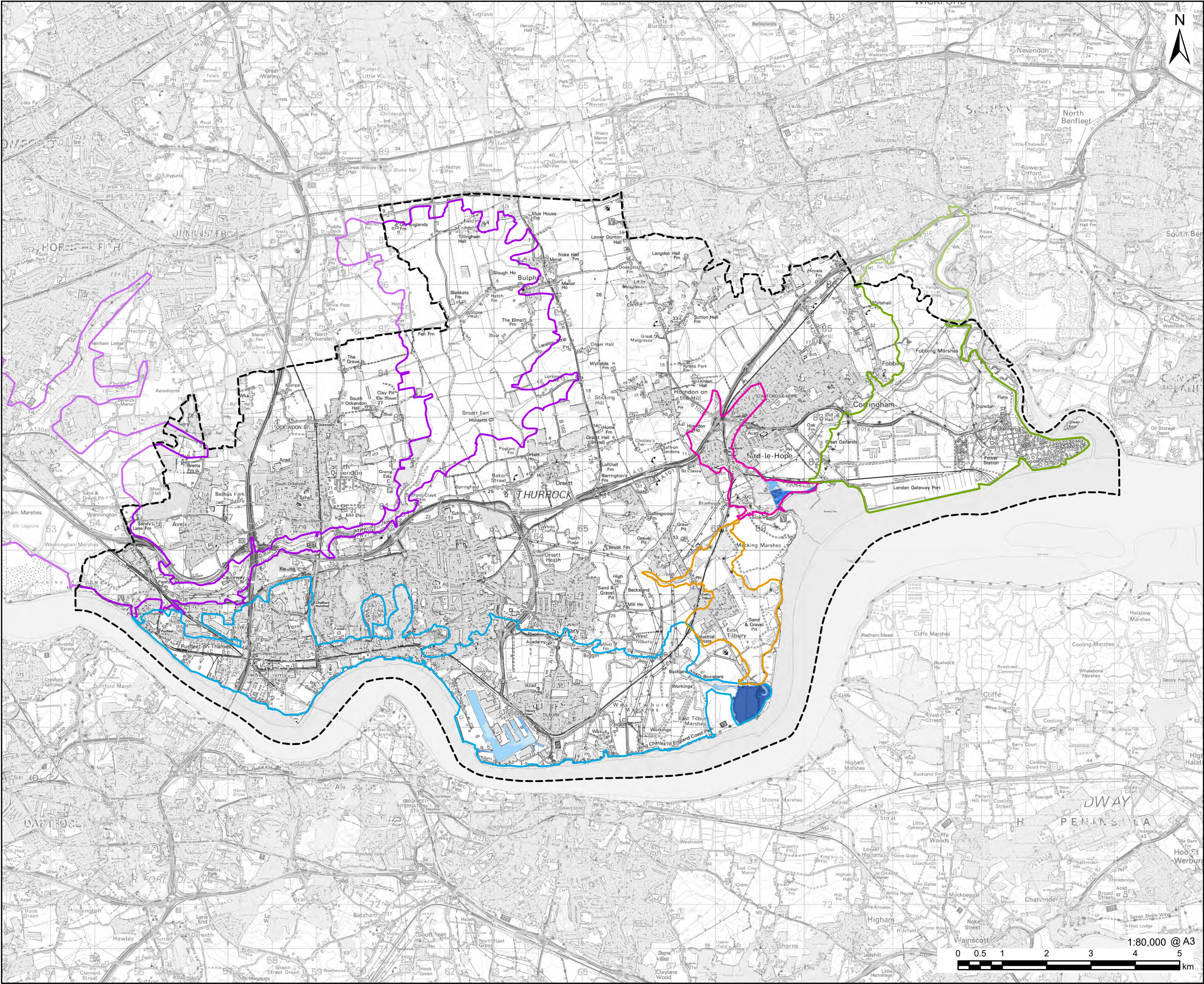
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2025 – Maximum Hazard

FIGURE NUMBER

Figure 2C



PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Mardyke

Grays / Purfleet / Tilbury

East Tilbury

Mucking

Fobbing

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

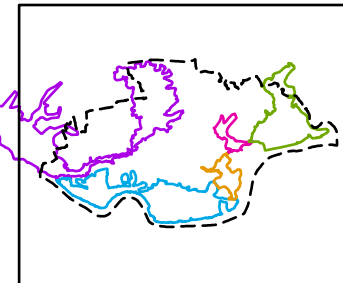
1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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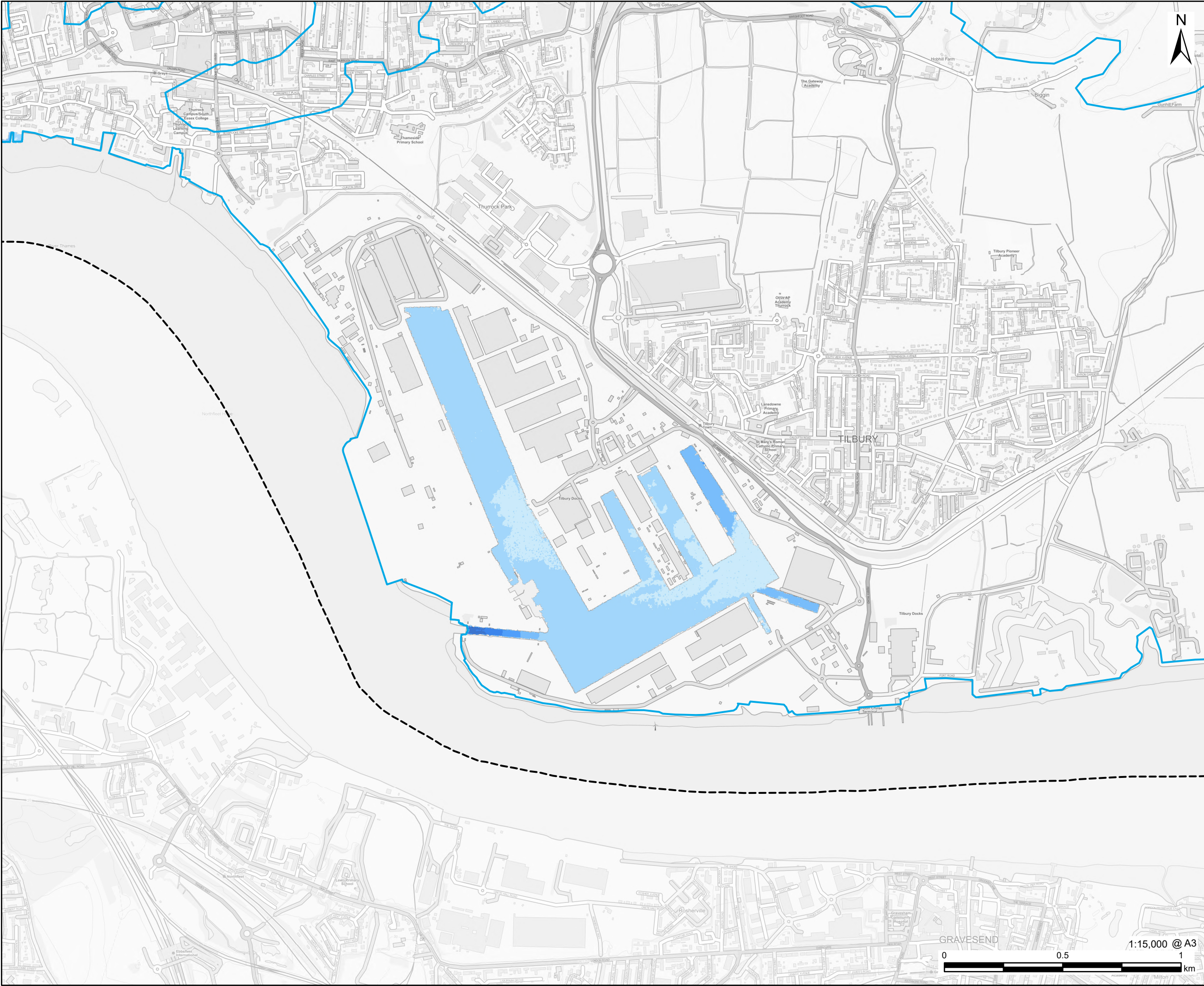
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Depth

FIGURE NUMBER

Figure 3





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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



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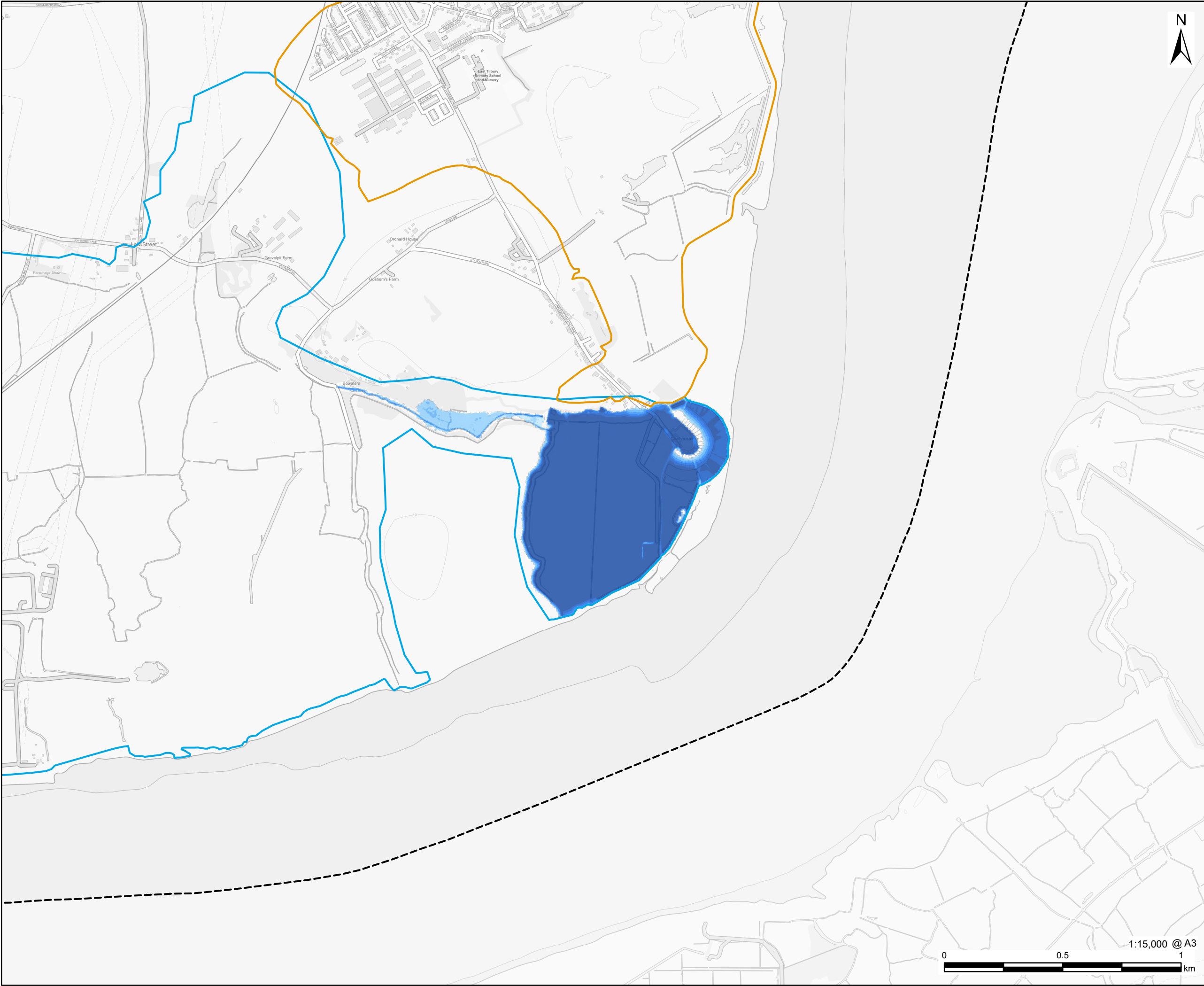
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Depth

FIGURE NUMBER

Figure 3A



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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

East Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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FIGURE TITLE

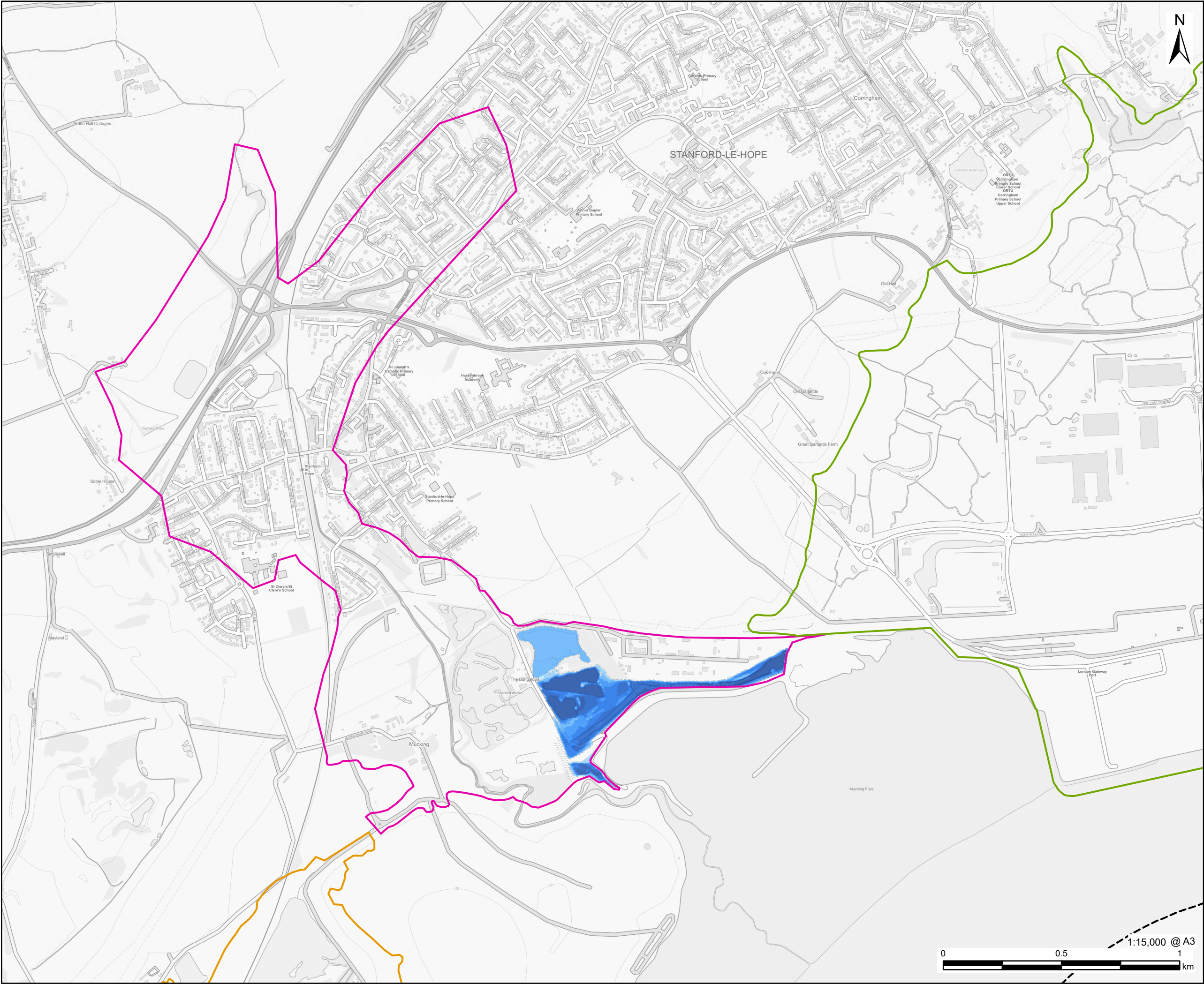
Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Depth

FIGURE NUMBER

Figure 3B

0 0.5 1
km

1:15,000 @ A3



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LEGEND

Thurrock Borough Boundary

Flood Cell

East Tilbury

Mucking

Fobbing

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



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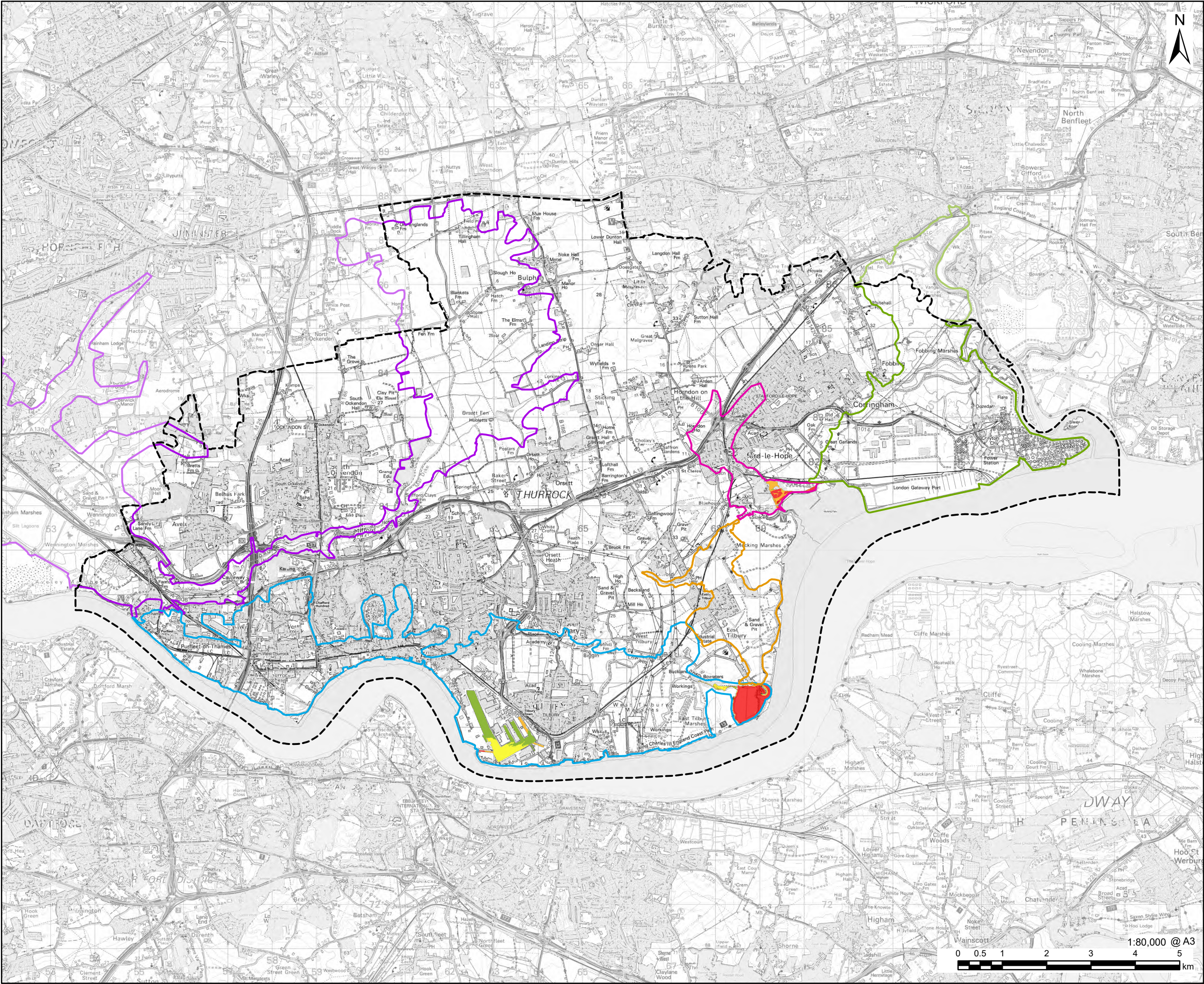
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Depth

FIGURE NUMBER

Figure 3C



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Assessment (SFRA)

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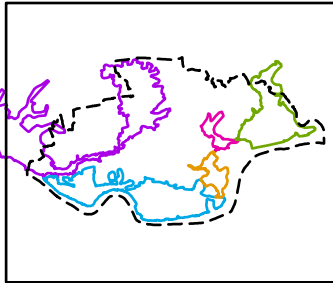
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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Mardyke
 - Grays / Purfleet / Tilbury
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating
- Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



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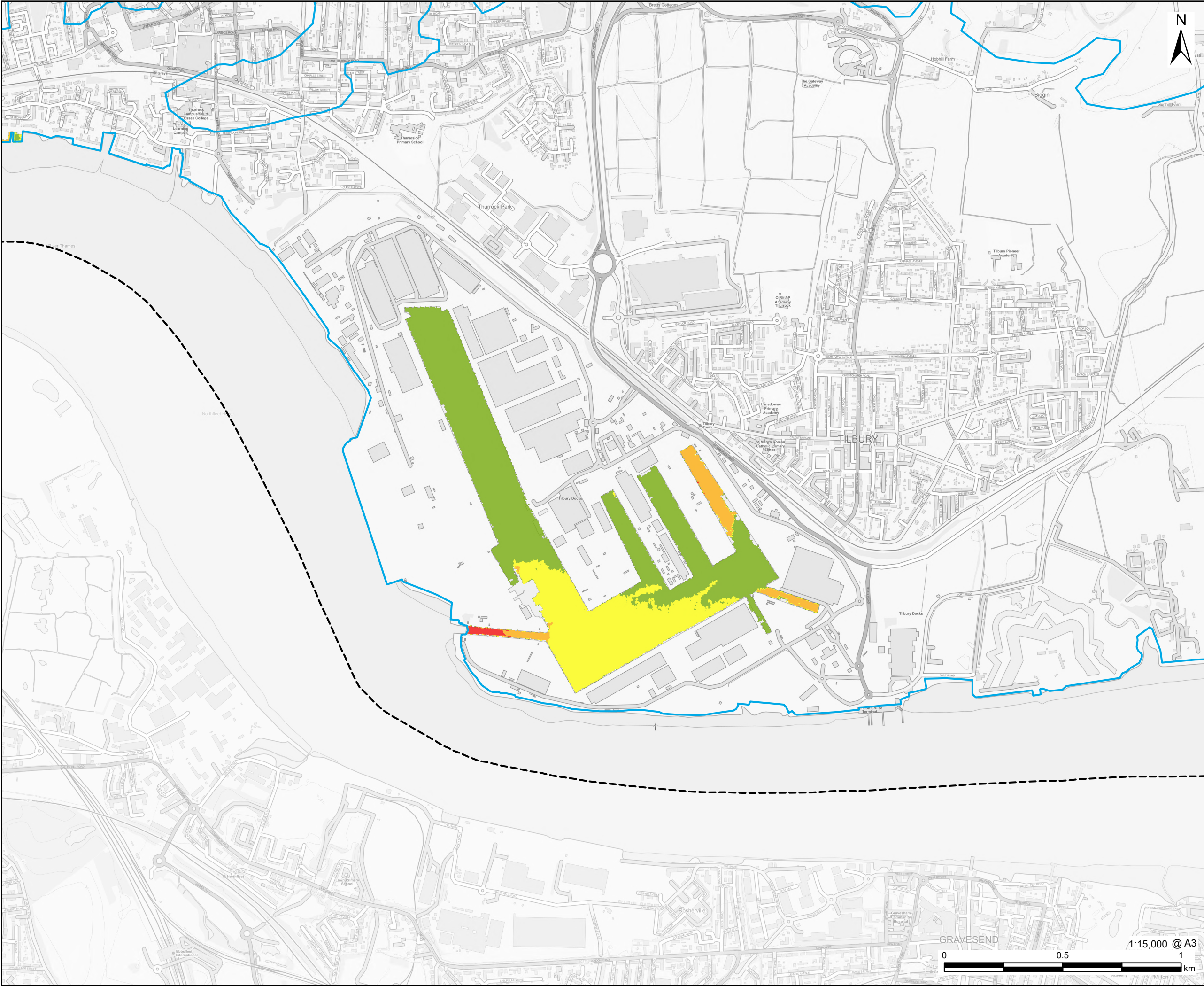
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Hazard

FIGURE NUMBER

Figure 4

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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Grays / Purfleet / Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



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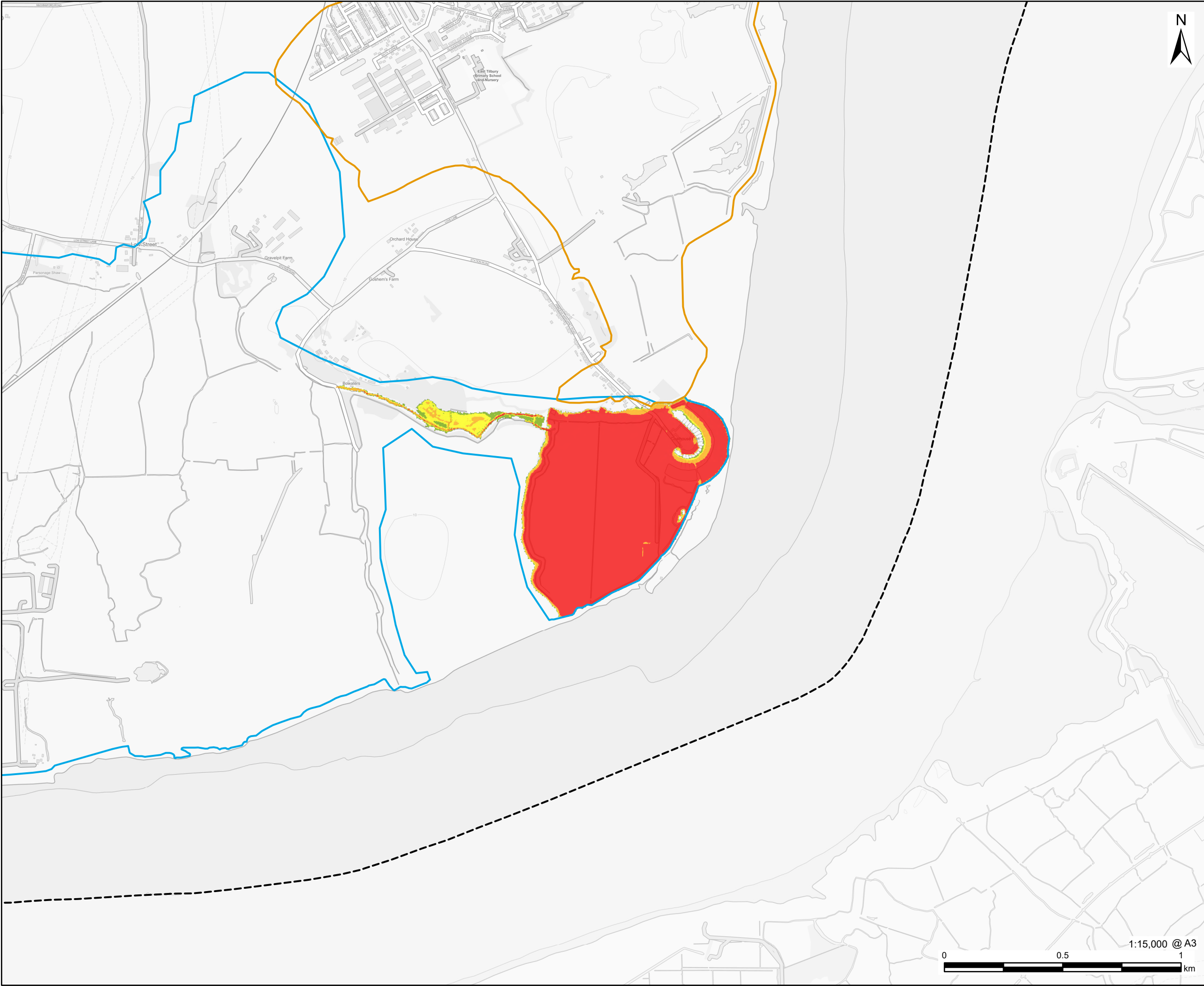
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Hazard

FIGURE NUMBER

Figure 4A



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LEGEND

- Thurrock Borough Boundary
- Flood Cell
 - Grays / Purfleet / Tilbury
 - East Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



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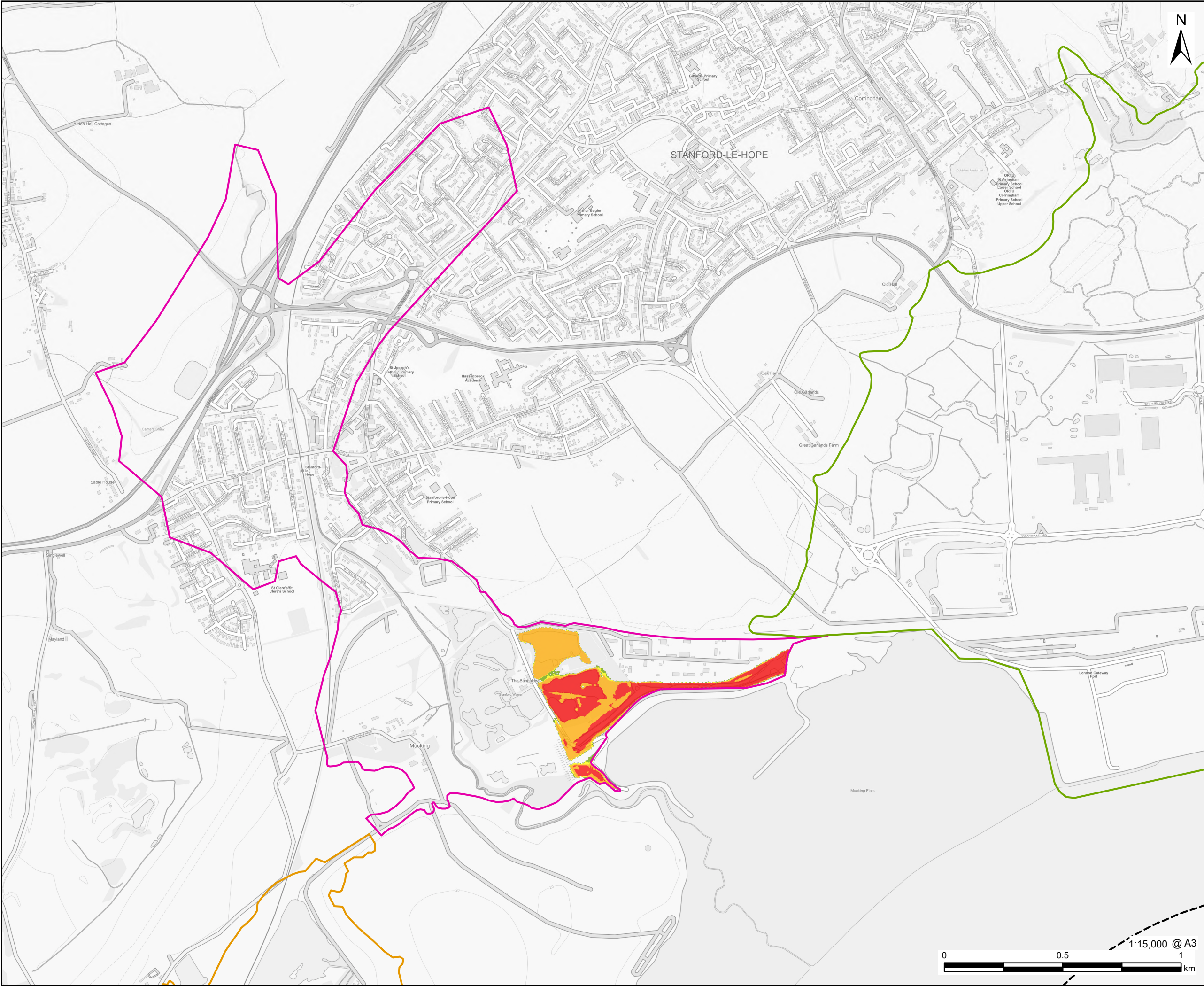
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Hazard

FIGURE NUMBER

Figure 4B



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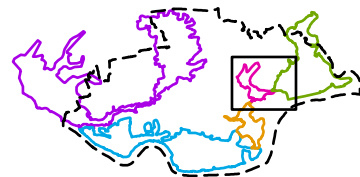
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LEGEND

- Thurrock Borough Boundary
- Flood Cell
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



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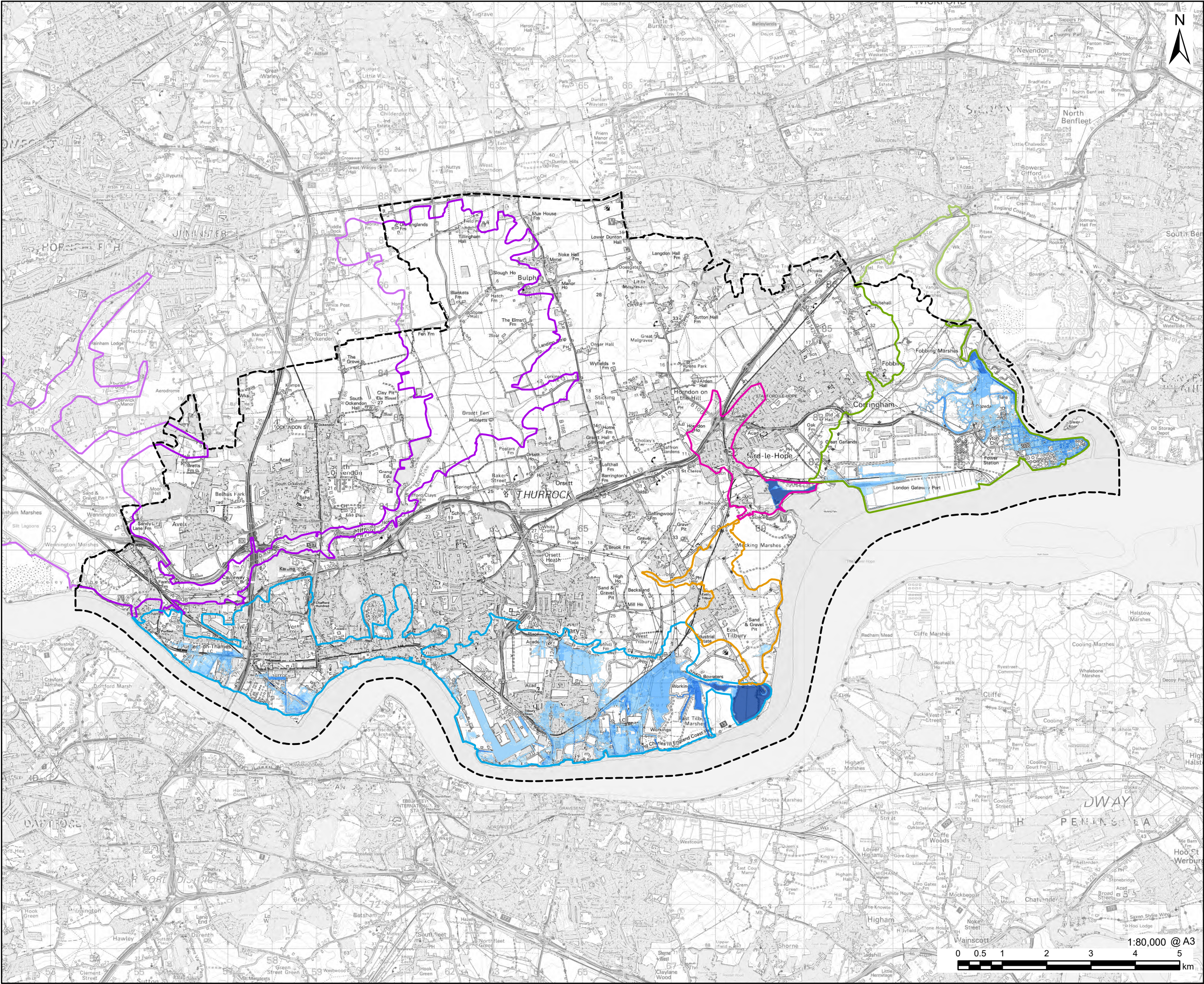
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2025 – Maximum Hazard

FIGURE NUMBER

Figure 4C



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LEGEND

Thurrock Borough Boundary

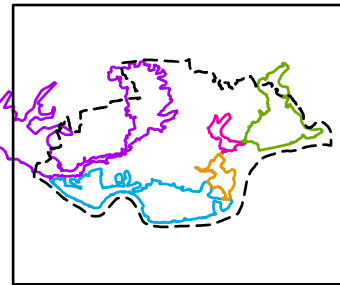
Flood Cell

- Mardyke
- Grays / Purfleet / Tilbury
- East Tilbury
- Mucking
- Fobbing

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



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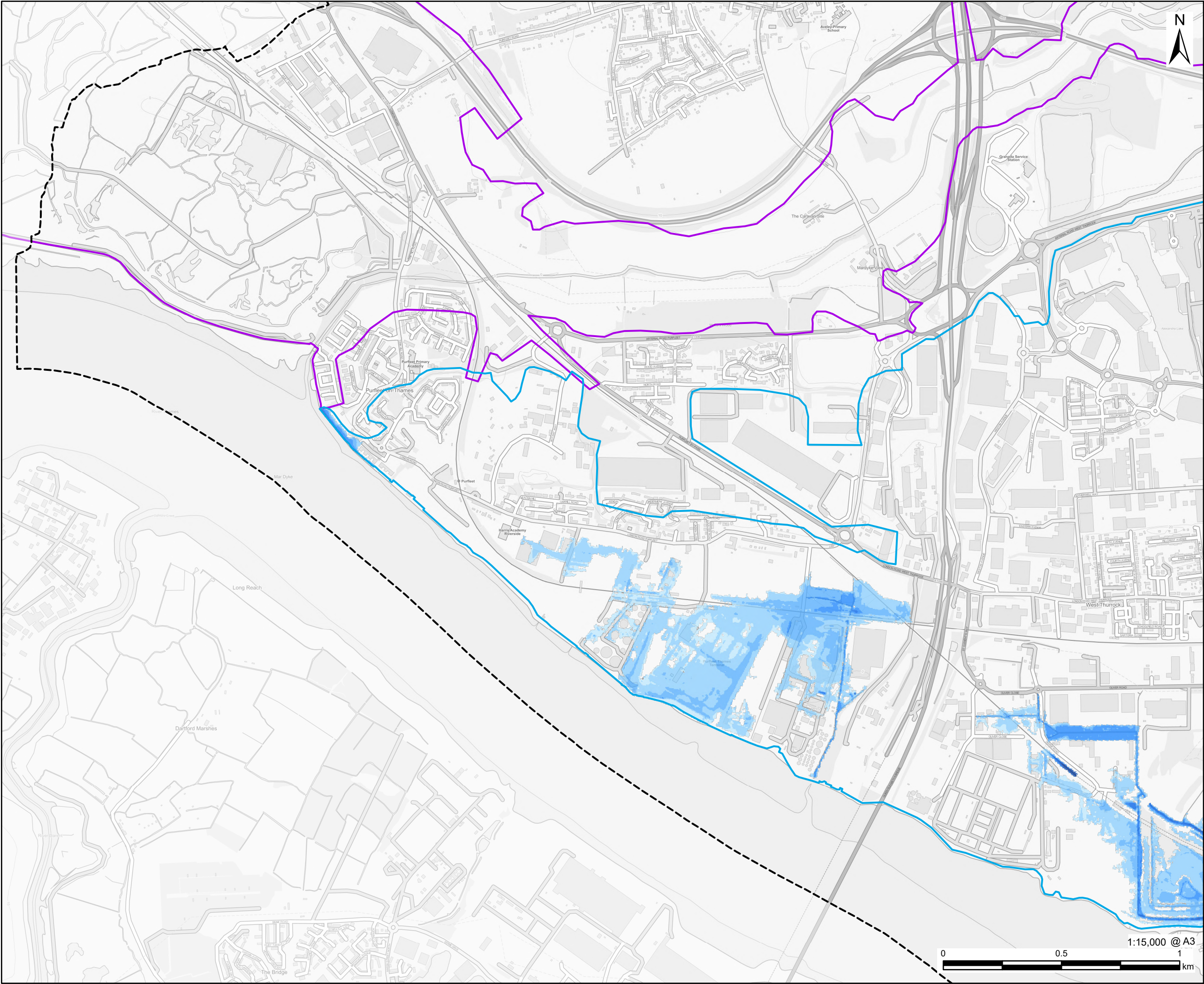
FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER

Figure 5

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COUNCIL

CONSULTANT

AECOM Limited
Midpoint, Alencon Link
Basingstoke, Hampshire
RG21 7PP
www.aecom.com

LEGEND

Thurrock Borough Boundary

Flood Cell

Mardyke

Grays / Purfleet / Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW

NOTES

1. Refer to the accompanying SFRA Report for details of the tidal modelling methodology, assumptions and limitations.

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

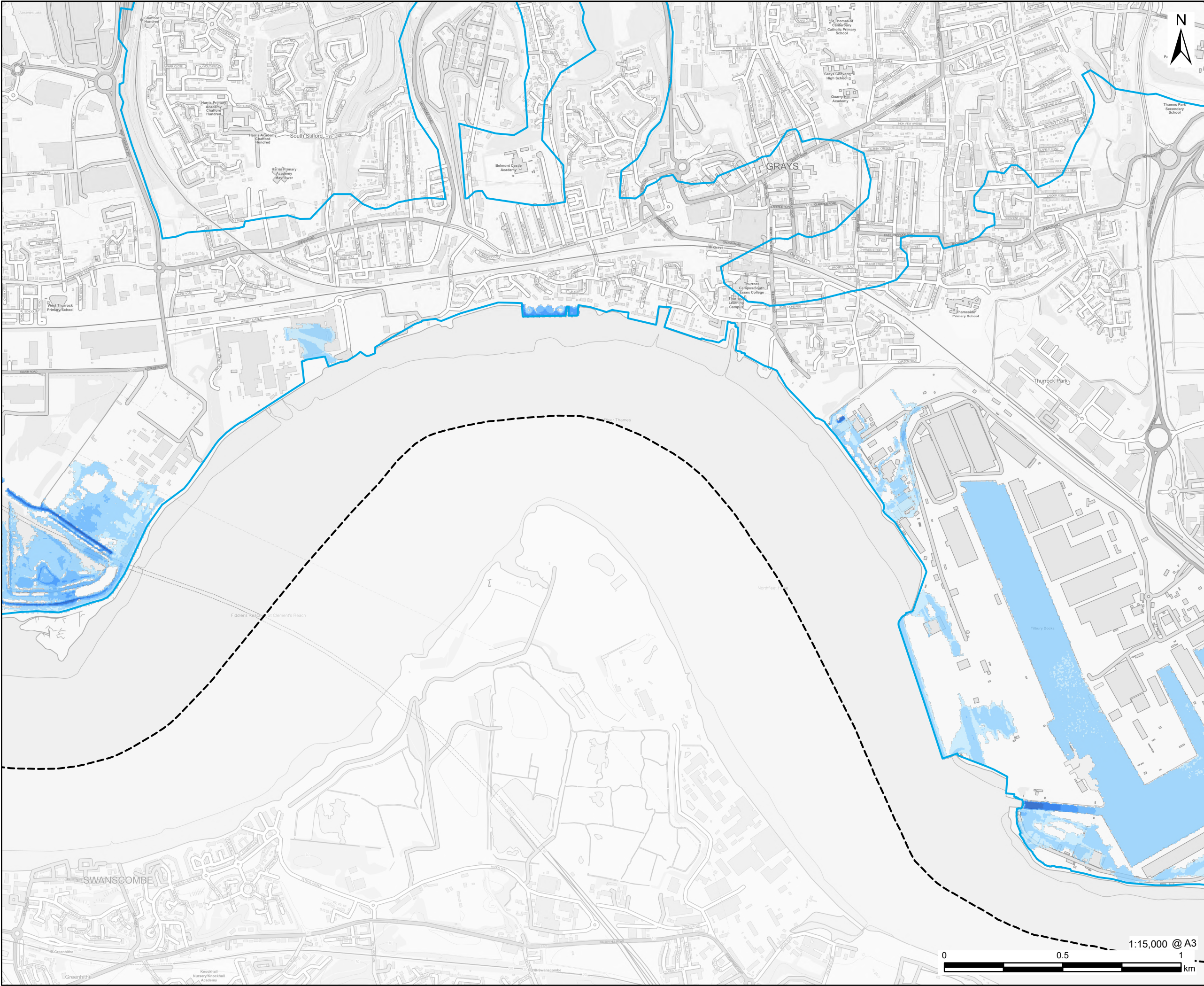
60689110

FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER

Figure 5A



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PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



NOTES

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

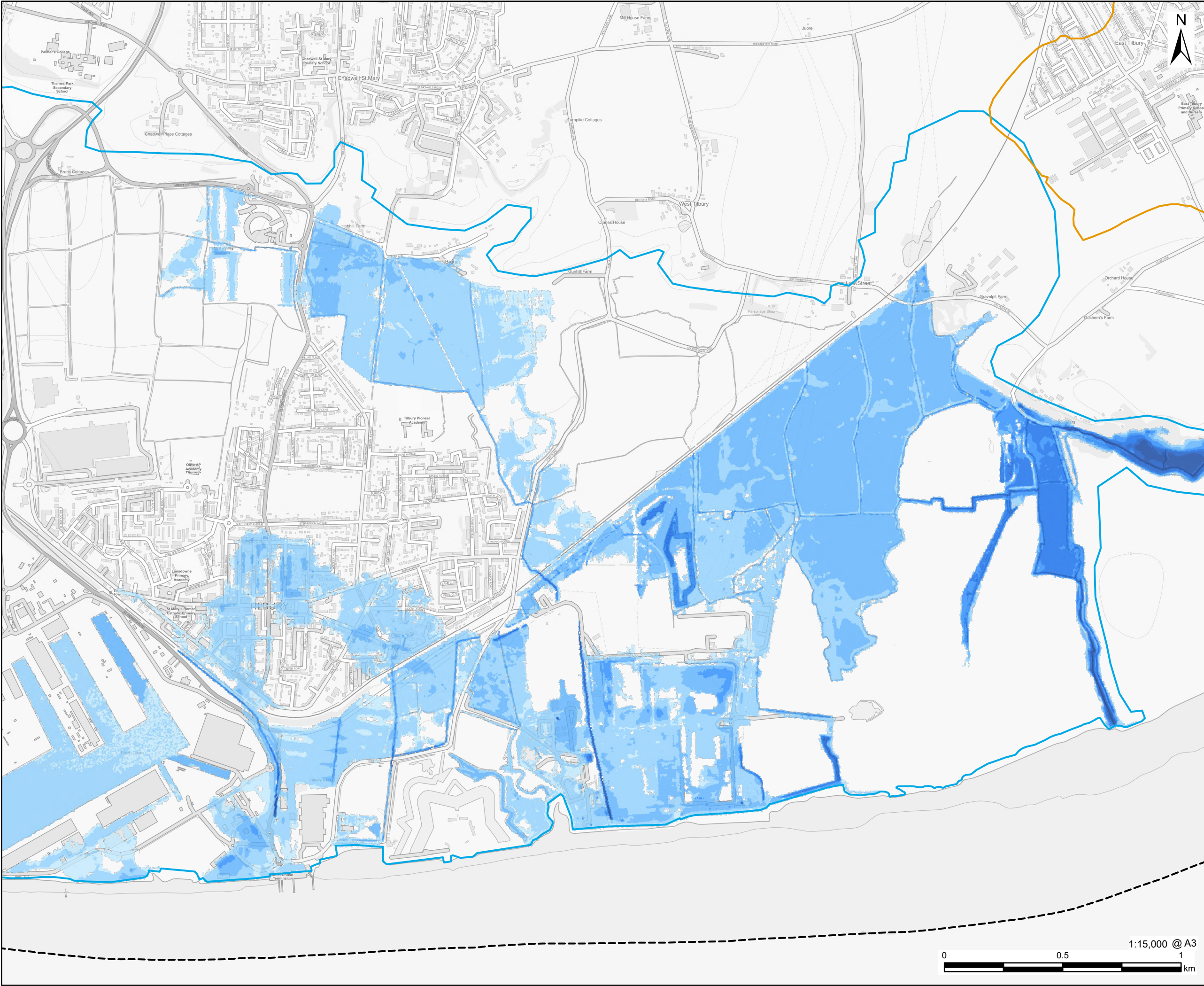
60689110

FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER

Figure 5B



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Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

East Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

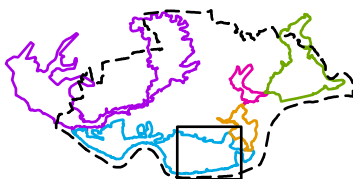
1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

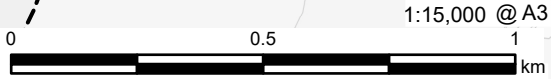
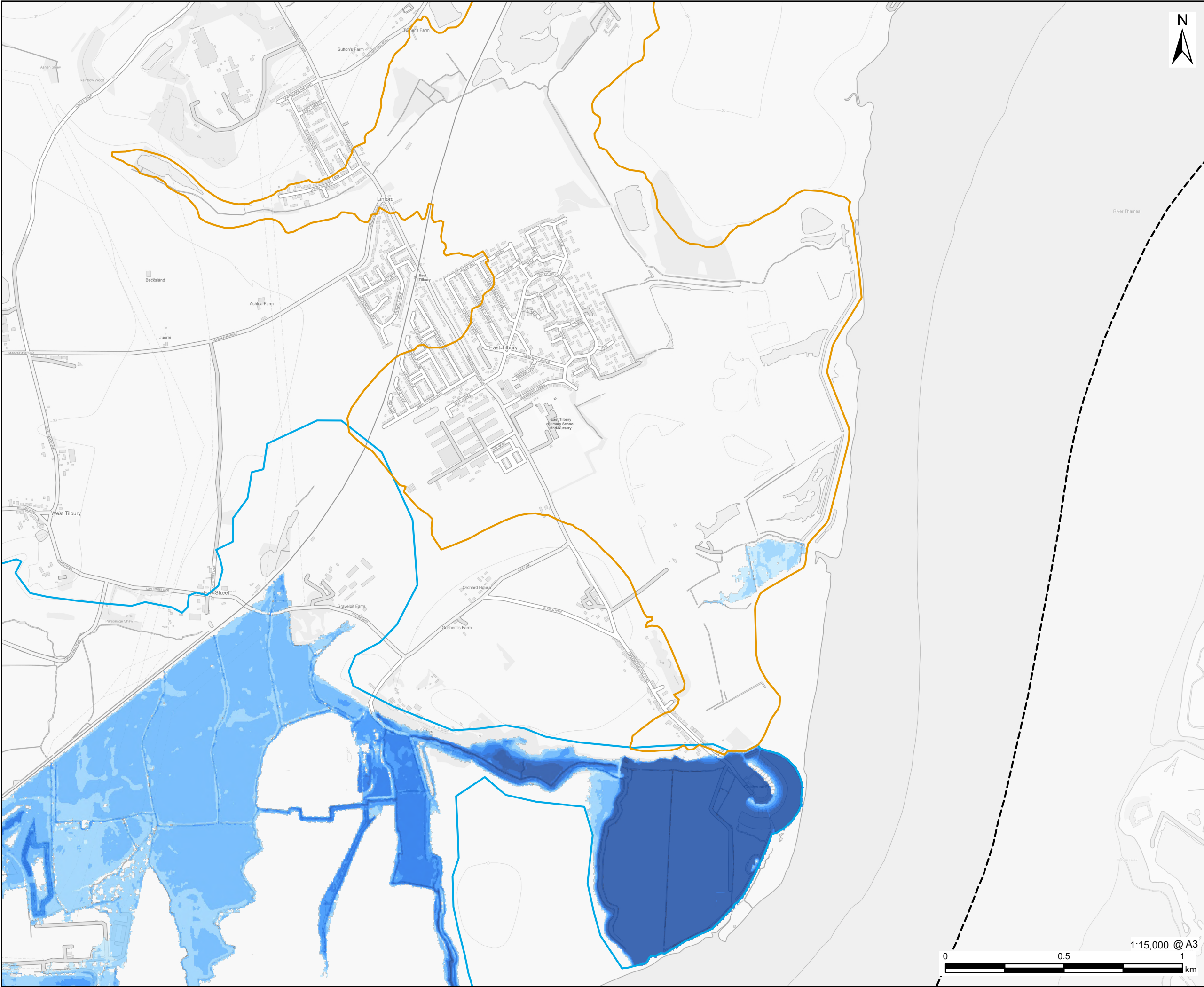
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER

Figure 5C



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Strategic Flood Risk
Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

East Tilbury

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



NOTES

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

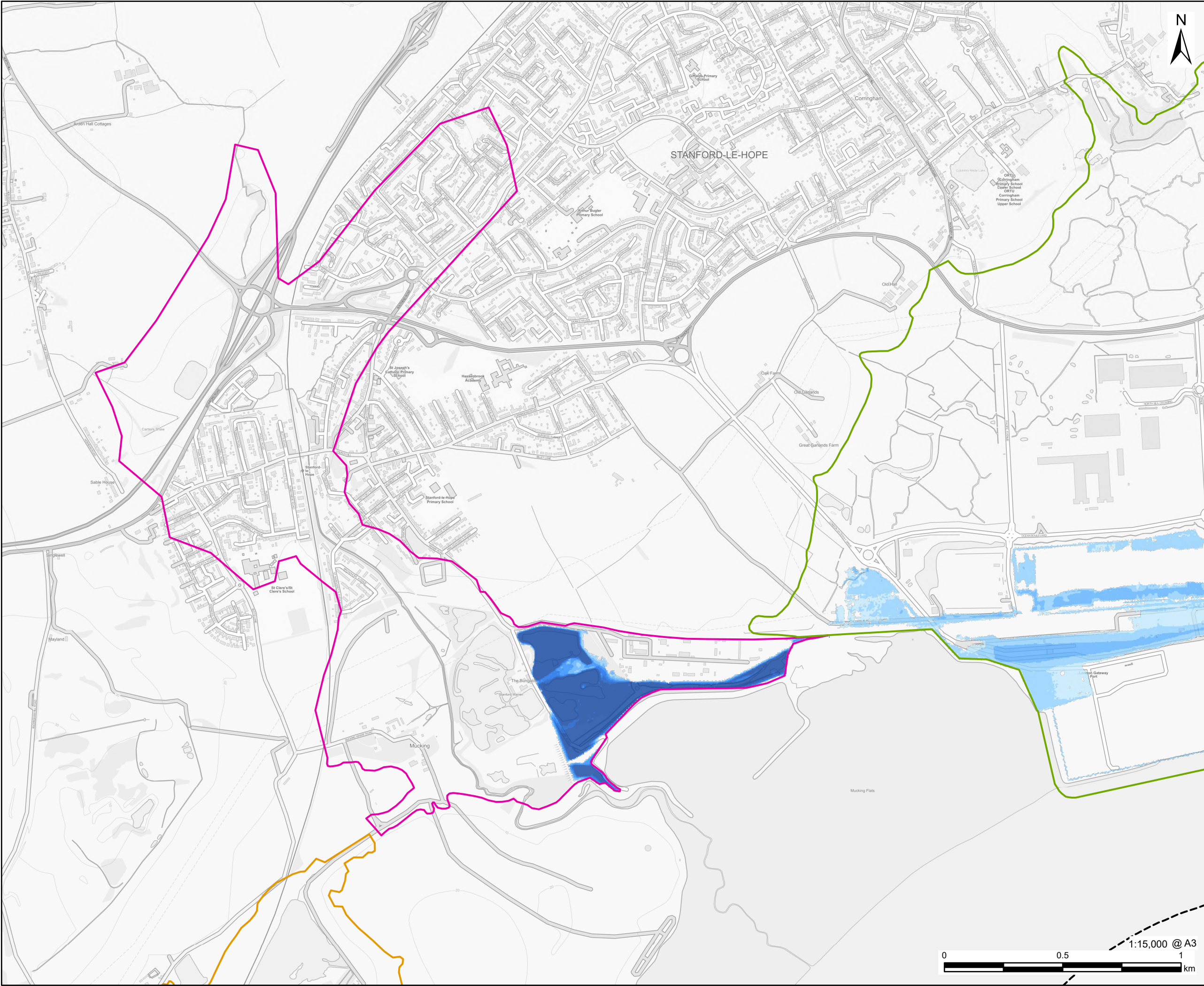
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER

Figure 5D



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Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

East Tilbury

Mucking

Fobbing

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

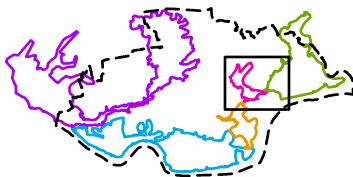
1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

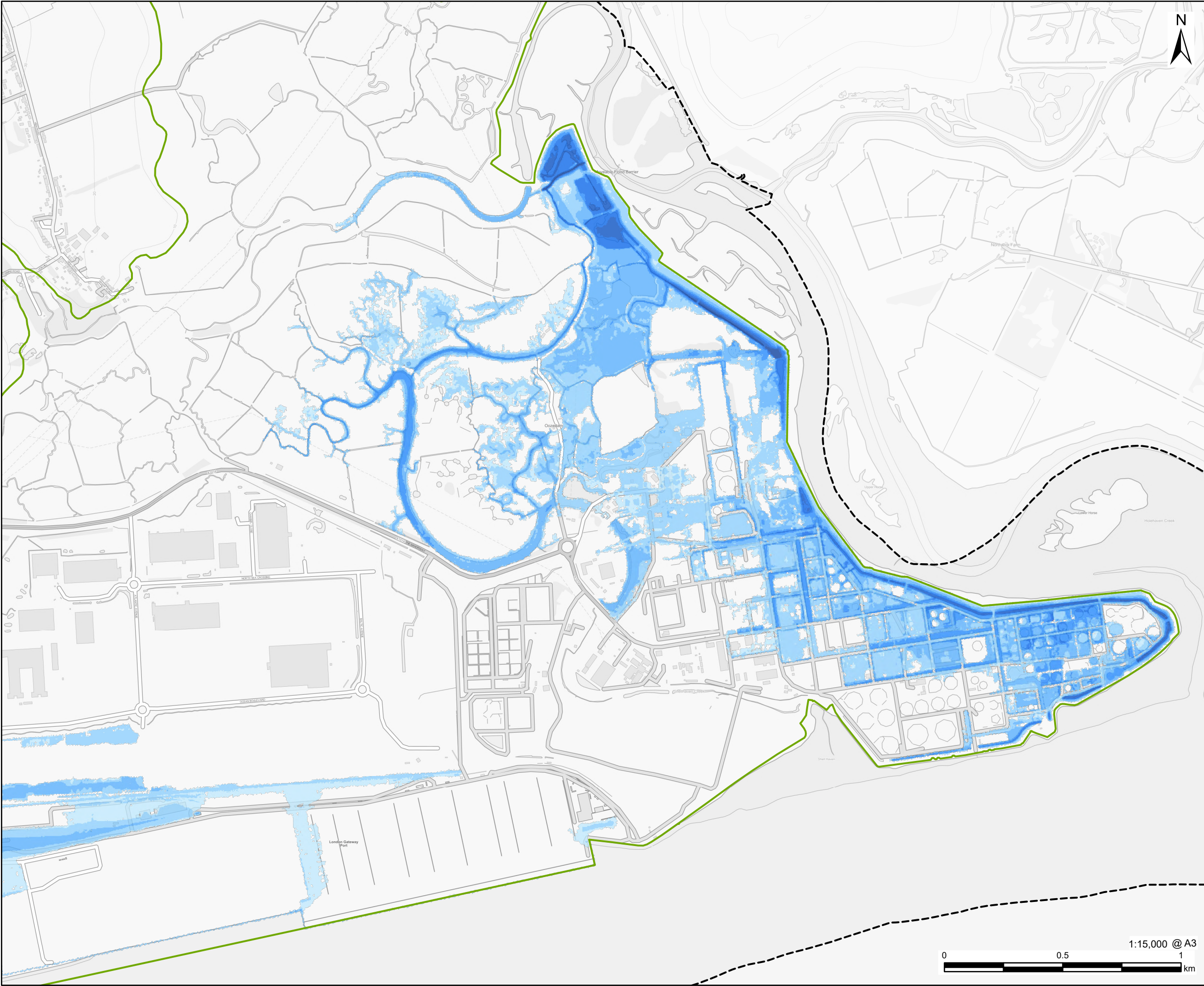
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER

Figure 5E



PROJECT
Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

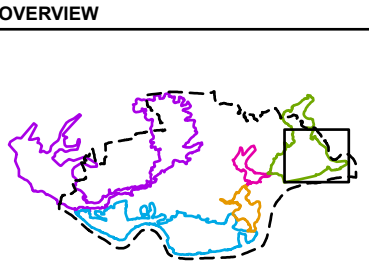
Thurrock Borough Boundary

Flood Cell

Fobbing

Depth (m)

	0.0 - 0.1
	0.1 - 0.5
	0.5 - 1
	1.0 - 1.5
	1.5 - 2
	2.0 - 2.5
	2.5 - 5
	5+



NOTES

1. Refer to the accompanying SFRA Report for details of the tidal modelling methodology, assumptions and limitations.

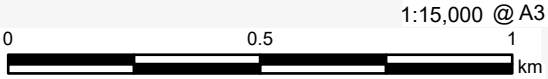
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ISSUE PURPOSE
SFRA REPORT

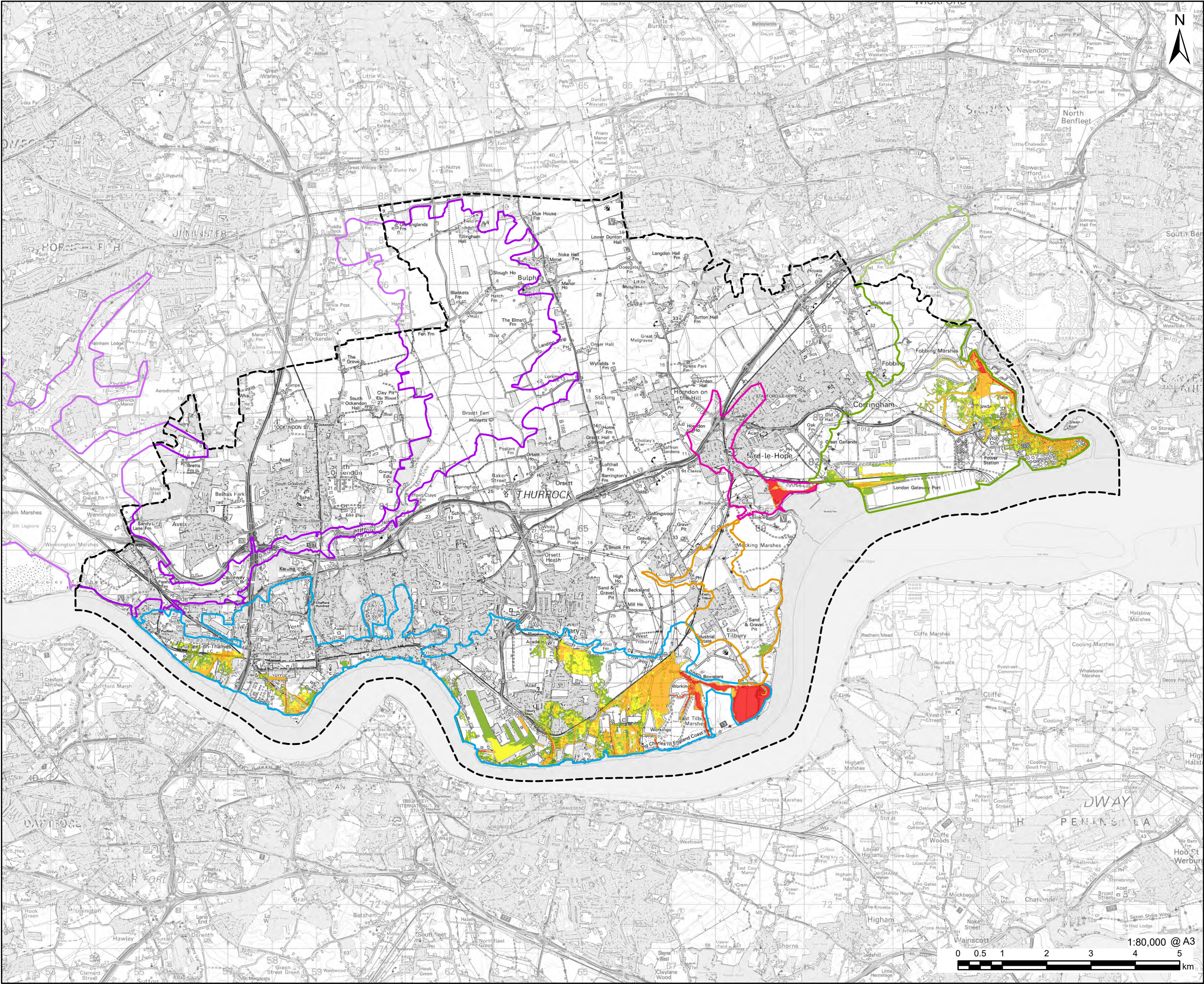
PROJECT NUMBER
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FIGURE TITLE
Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Depth

FIGURE NUMBER
Figure 5F



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PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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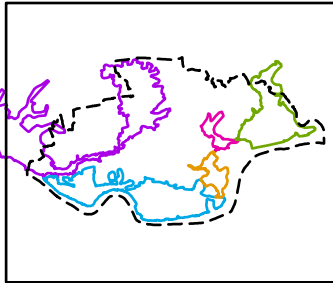
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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Mardyke
 - Grays / Purfleet / Tilbury
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating
- Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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ISSUE PURPOSE

SFRA REPORT

PROJECT NUMBER

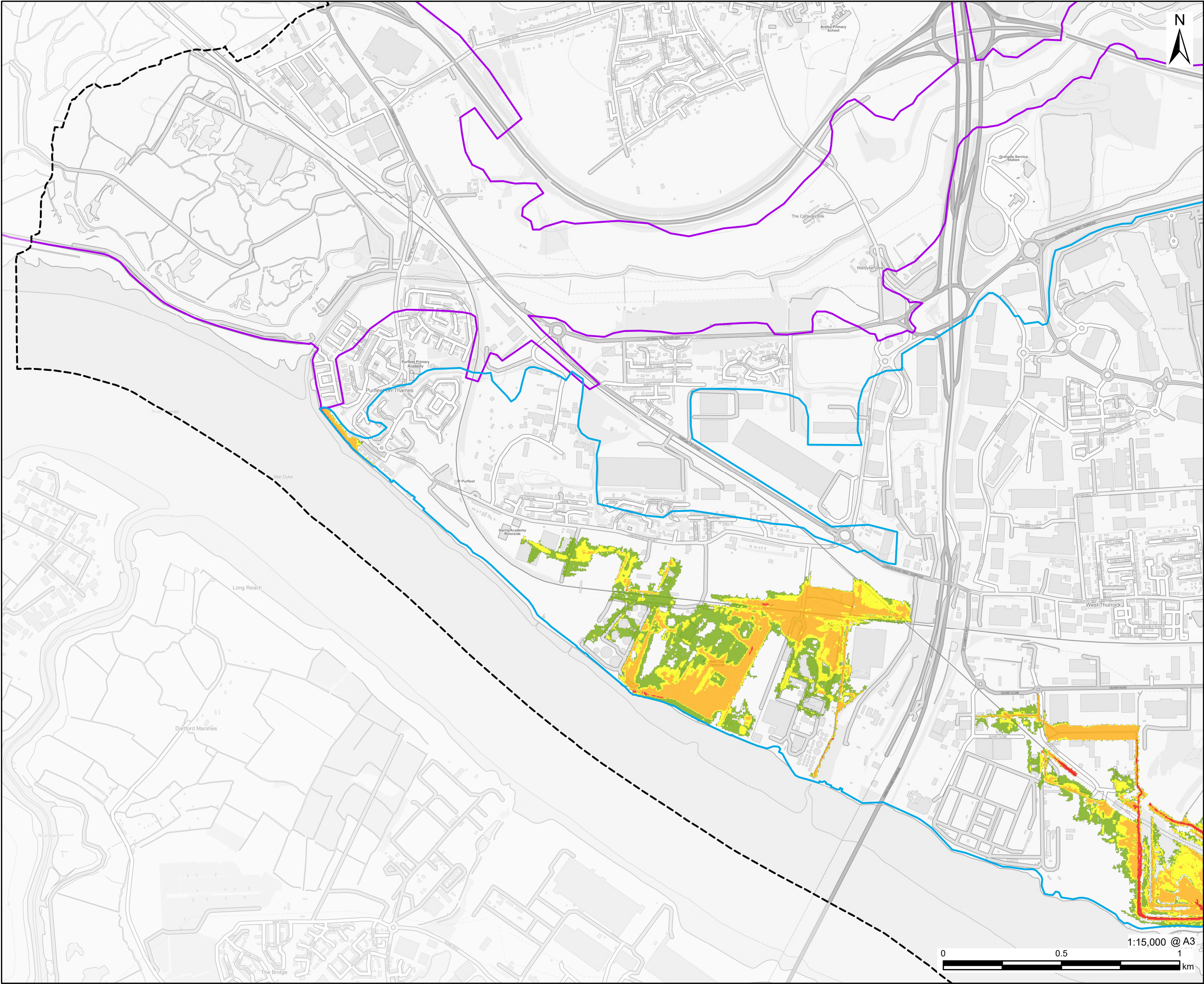
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Hazard

FIGURE NUMBER

Figure 6



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PROJECT

Thurrock Council Level 1 Strategic Flood Risk Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Mardyke

Grays / Purfleet / Tilbury

Hazard Rating

Low

Moderate

Significant

Extreme

OVERVIEW

NOTES

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SFRA REPORT

PROJECT NUMBER

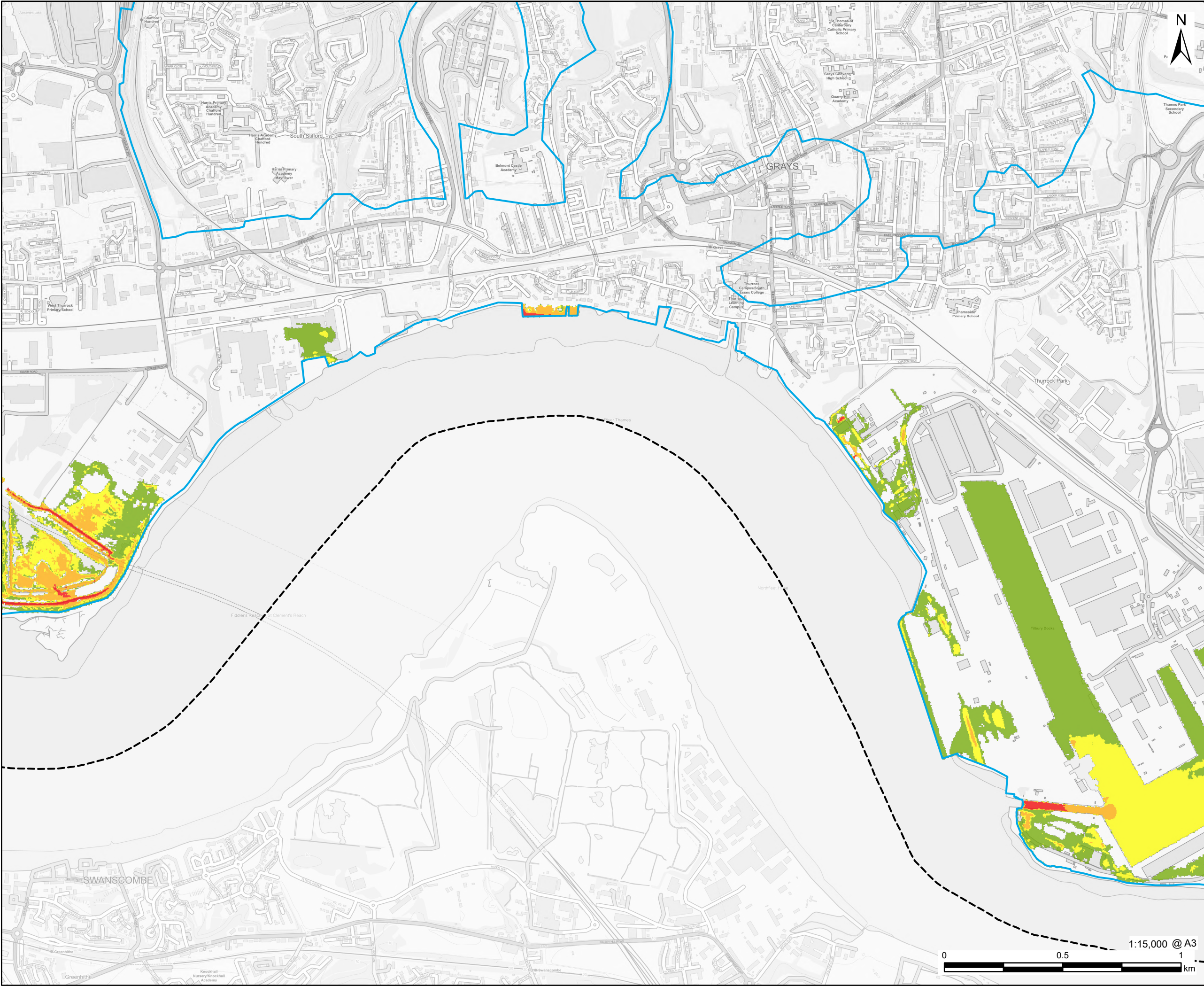
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Hazard

FIGURE NUMBER

Figure 6A



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Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Grays / Purfleet / Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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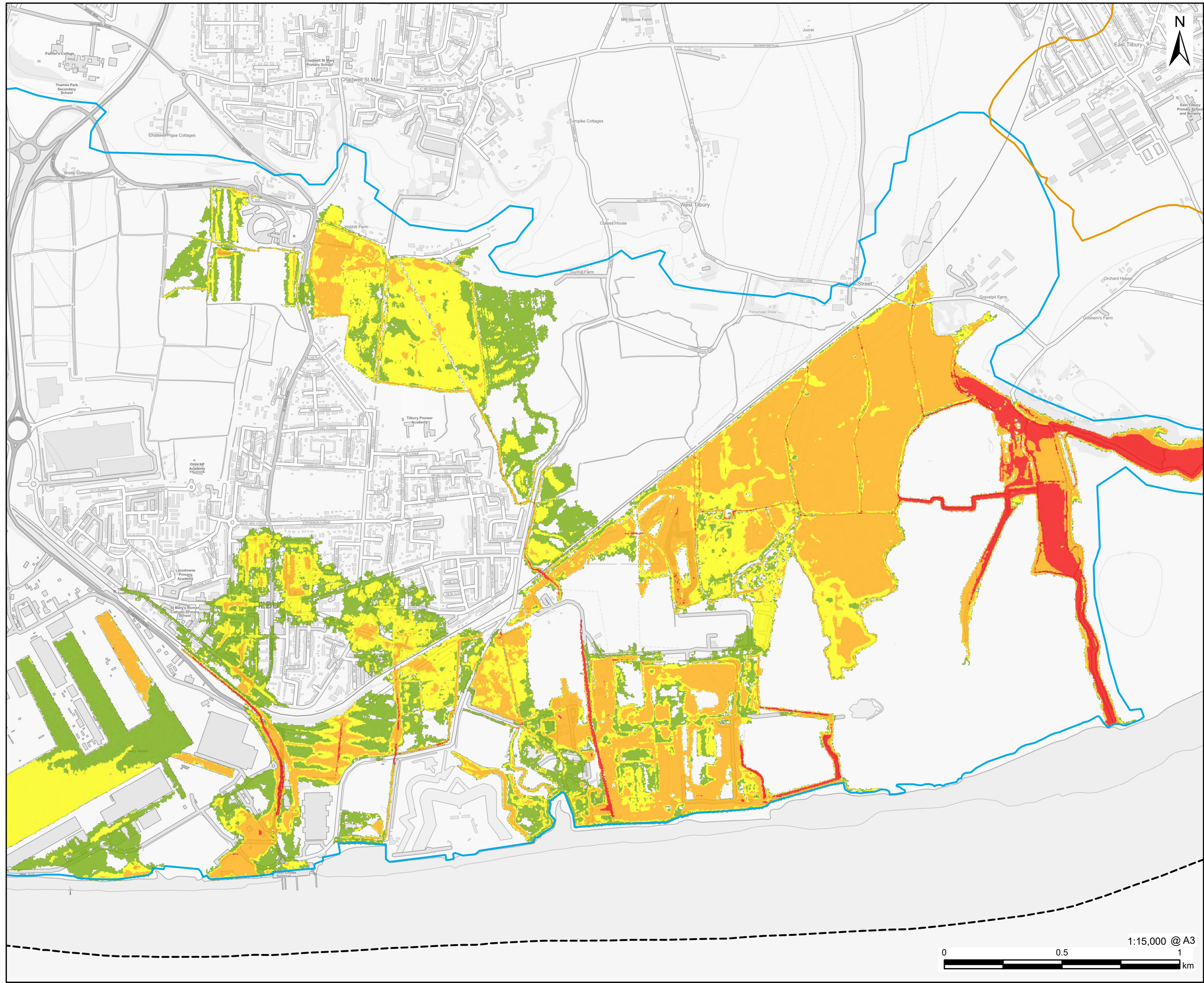
FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Hazard

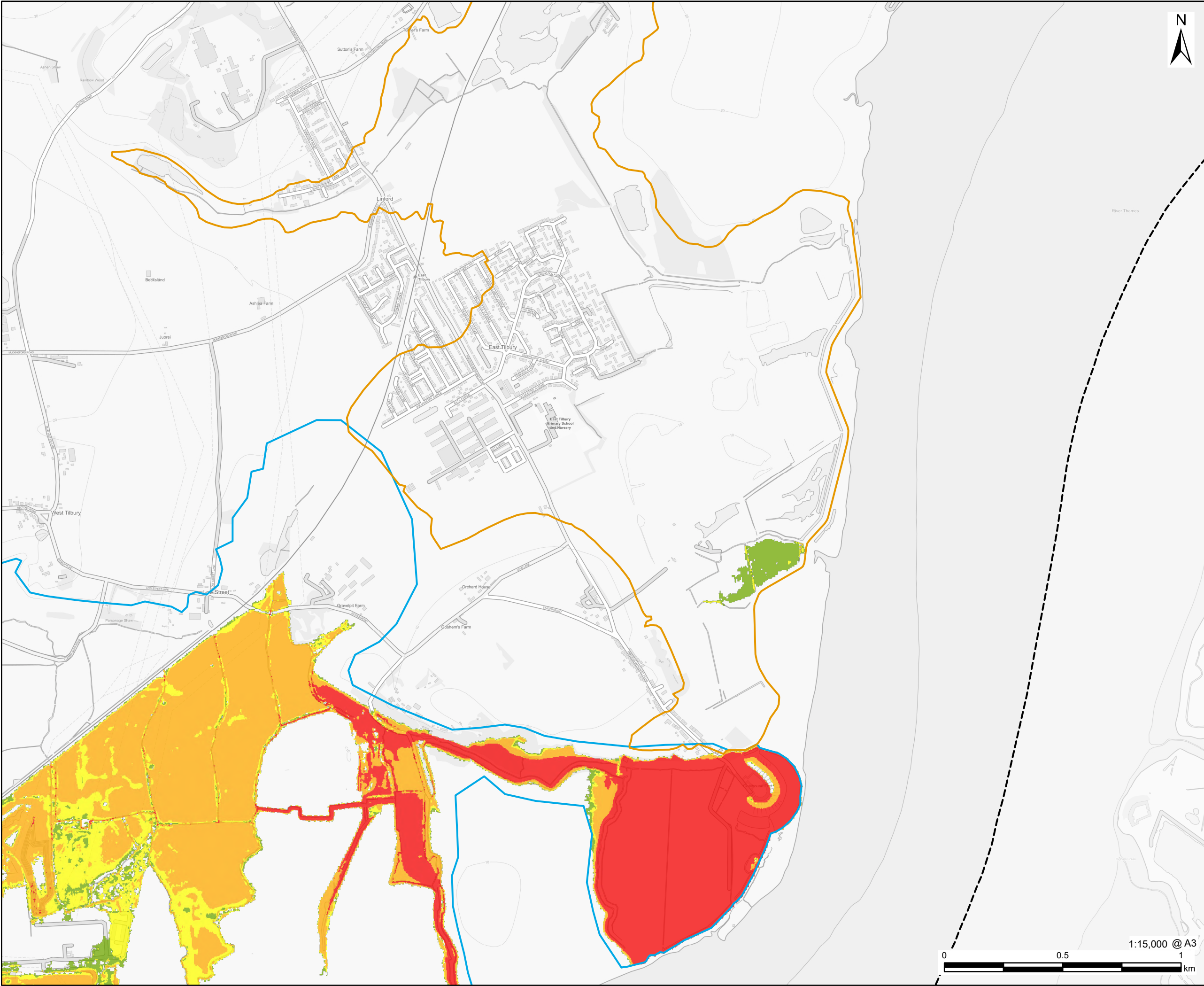
FIGURE NUMBER

Figure 6B





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Strategic Flood Risk
Assessment (SFRA)

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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Grays / Purfleet / Tilbury
- East Tilbury
- Hazard Rating
- Low
- Moderate
- Significant
- Extreme

OVERVIEW



NOTES

1. Refer to the accompanying SFRA Report for details of the tidal modelling methodology, assumptions and limitations.

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SFRA REPORT

PROJECT NUMBER

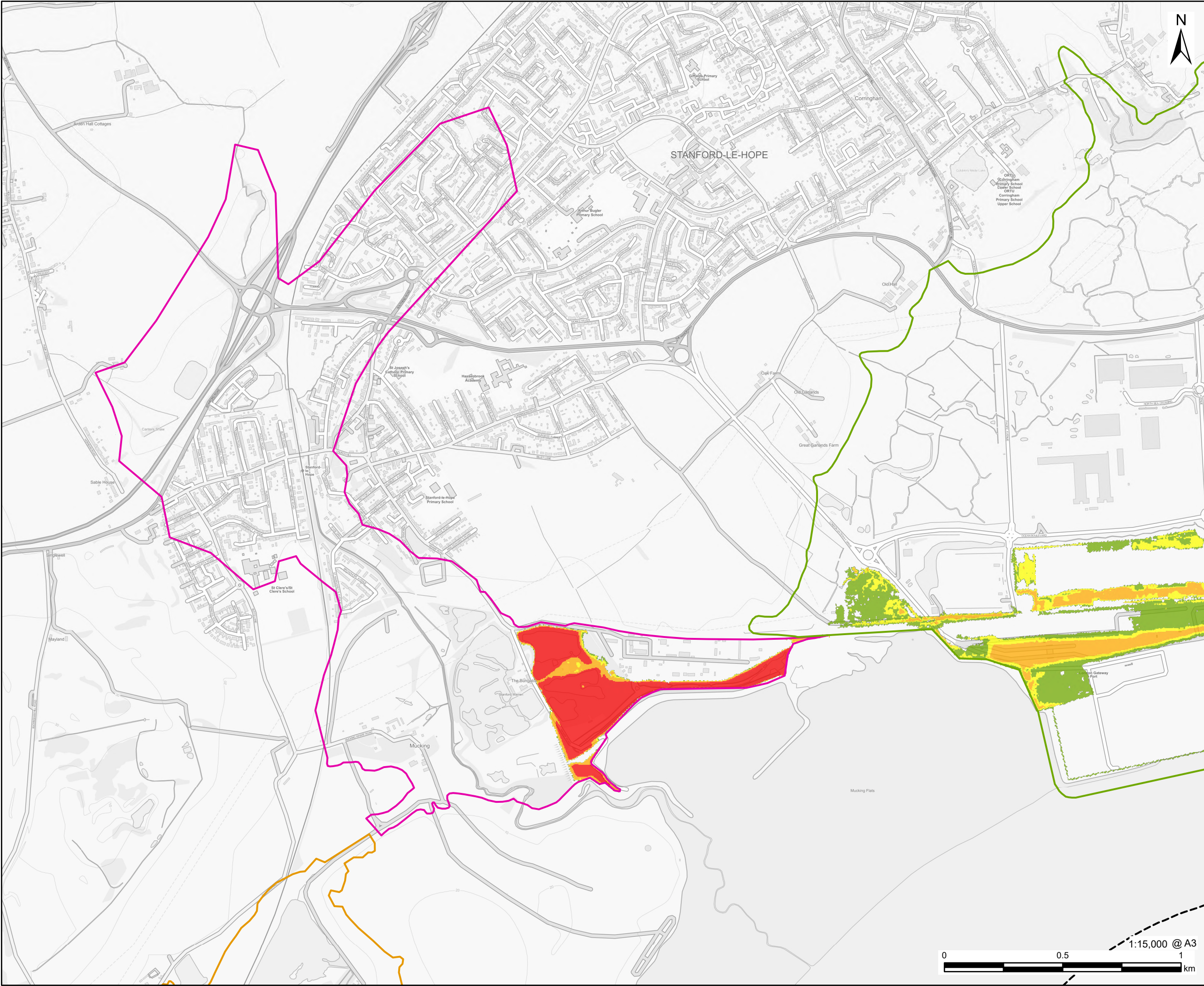
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Hazard

FIGURE NUMBER

Figure 6D



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Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

- Thurrock Borough Boundary
- Flood Cell
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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ISSUE PURPOSE

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PROJECT NUMBER

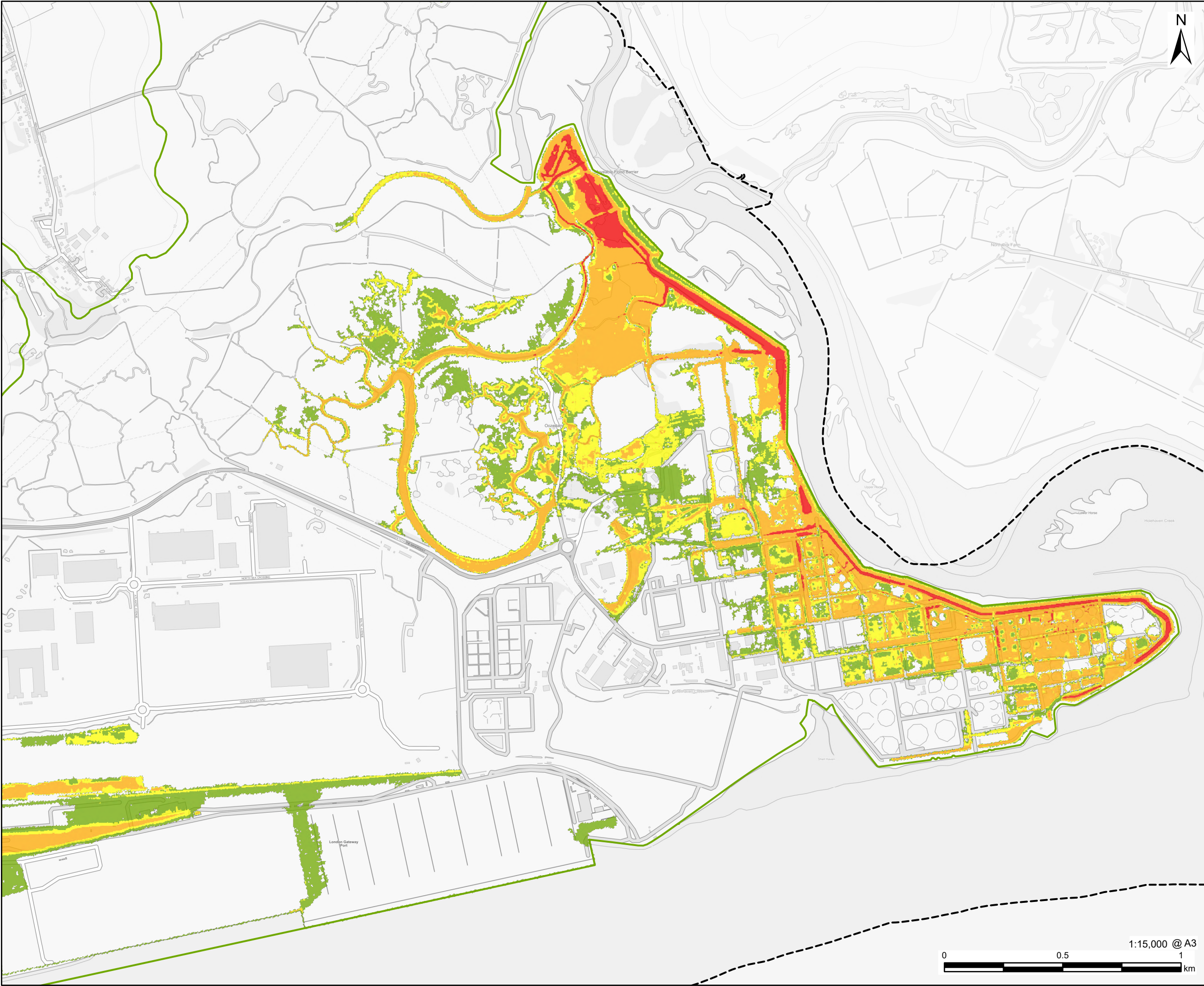
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FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Hazard

FIGURE NUMBER

Figure 6E



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Assessment (SFRA)

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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Fobbing
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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ISSUE PURPOSE

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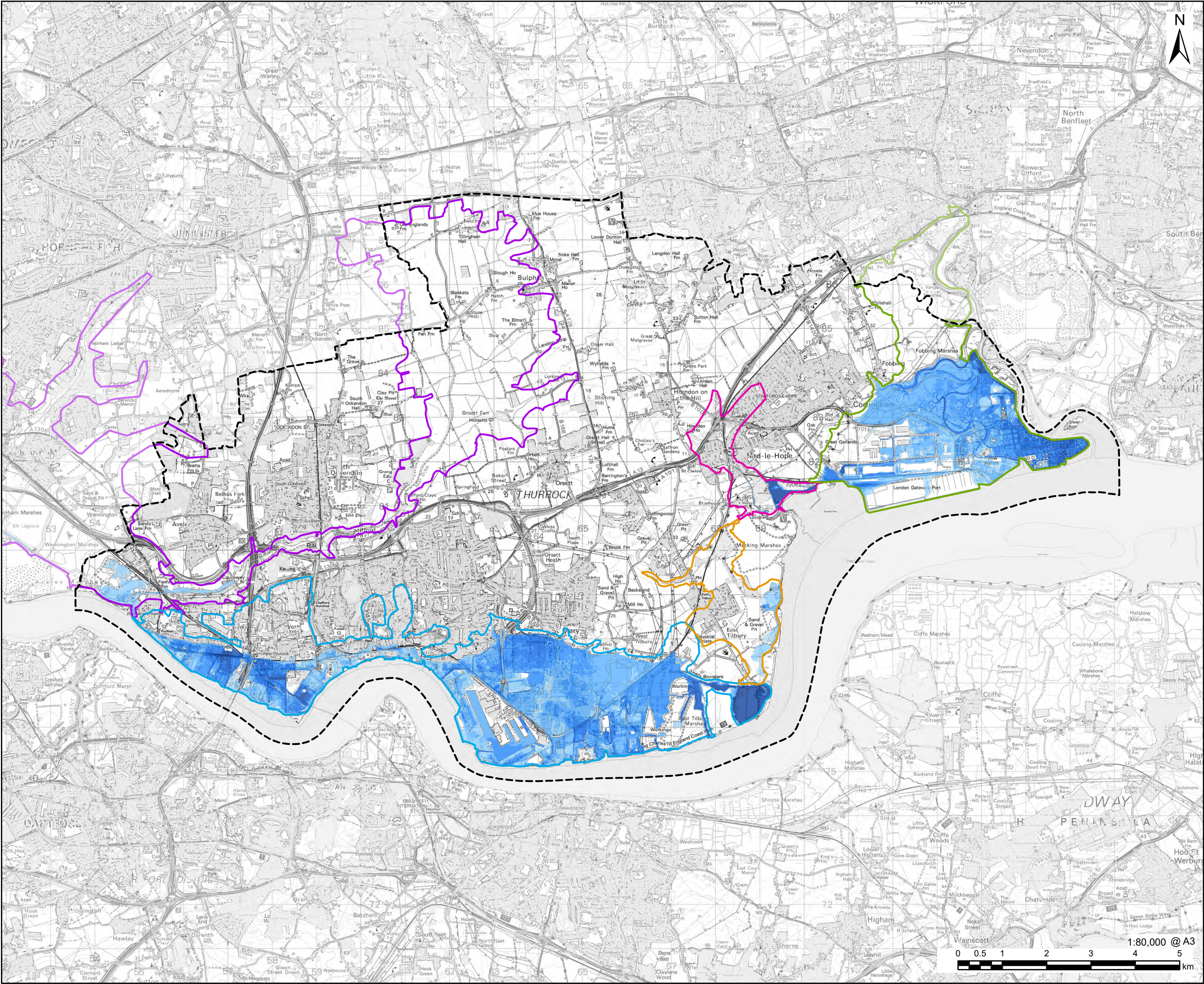
FIGURE TITLE

Risk of Overtopping 200YR (0.5% AEP)
2125 – Maximum Hazard

FIGURE NUMBER

Figure 6F





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Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

CLIENT

THURROCK COUNCIL

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LEGEND

Thurrock Borough Boundary

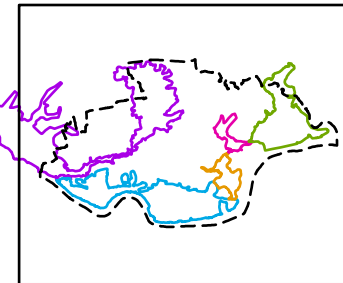
Flood Cell

- Mardyke
- Grays / Purfleet / Tilbury
- East Tilbury
- Mucking
- Fobbing

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



NOTES

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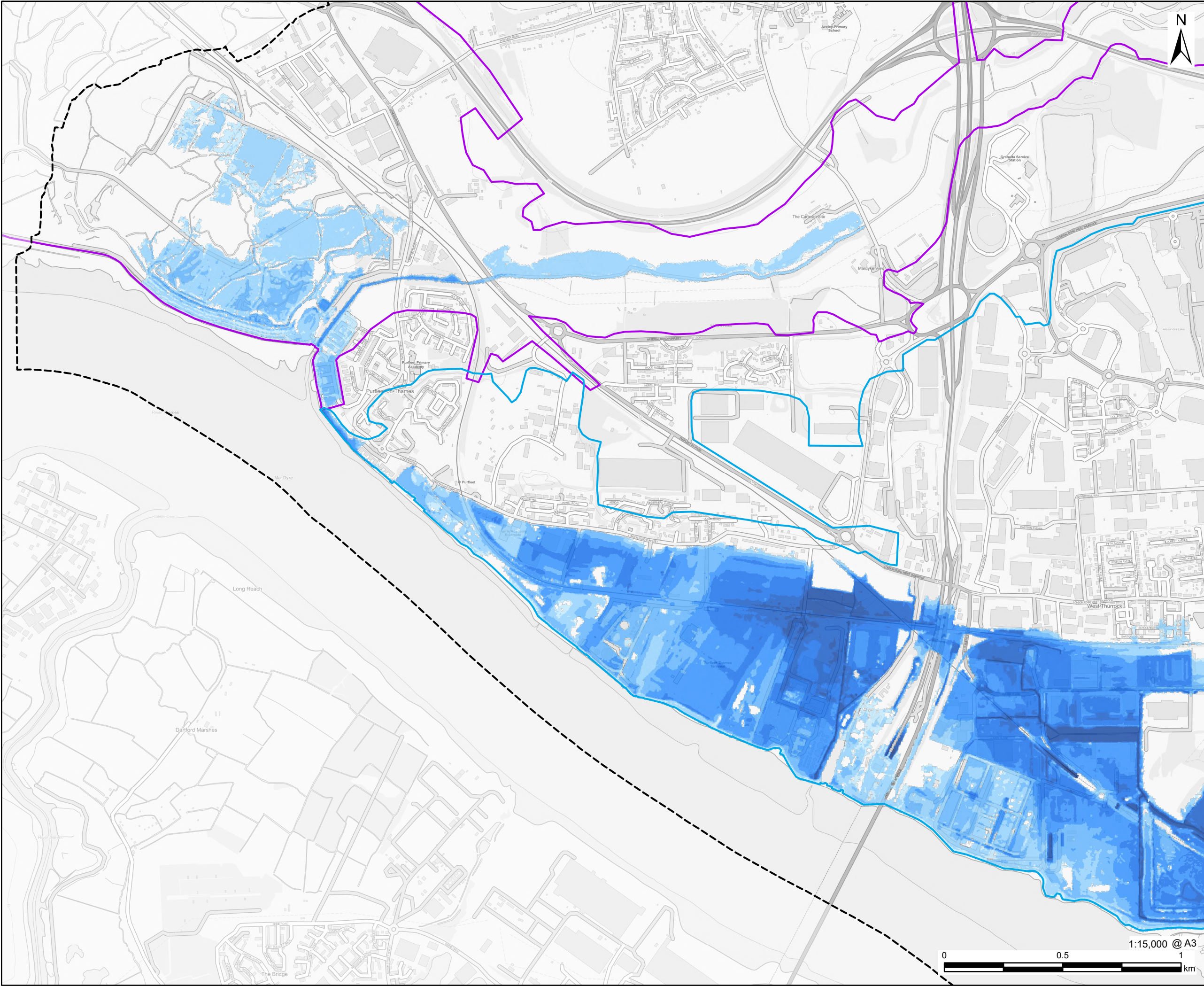
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7



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COUNCIL

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LEGEND

Thurrock Borough Boundary

Flood Cell

Mardyke

Grays / Purfleet / Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW

NOTES

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ISSUE PURPOSE

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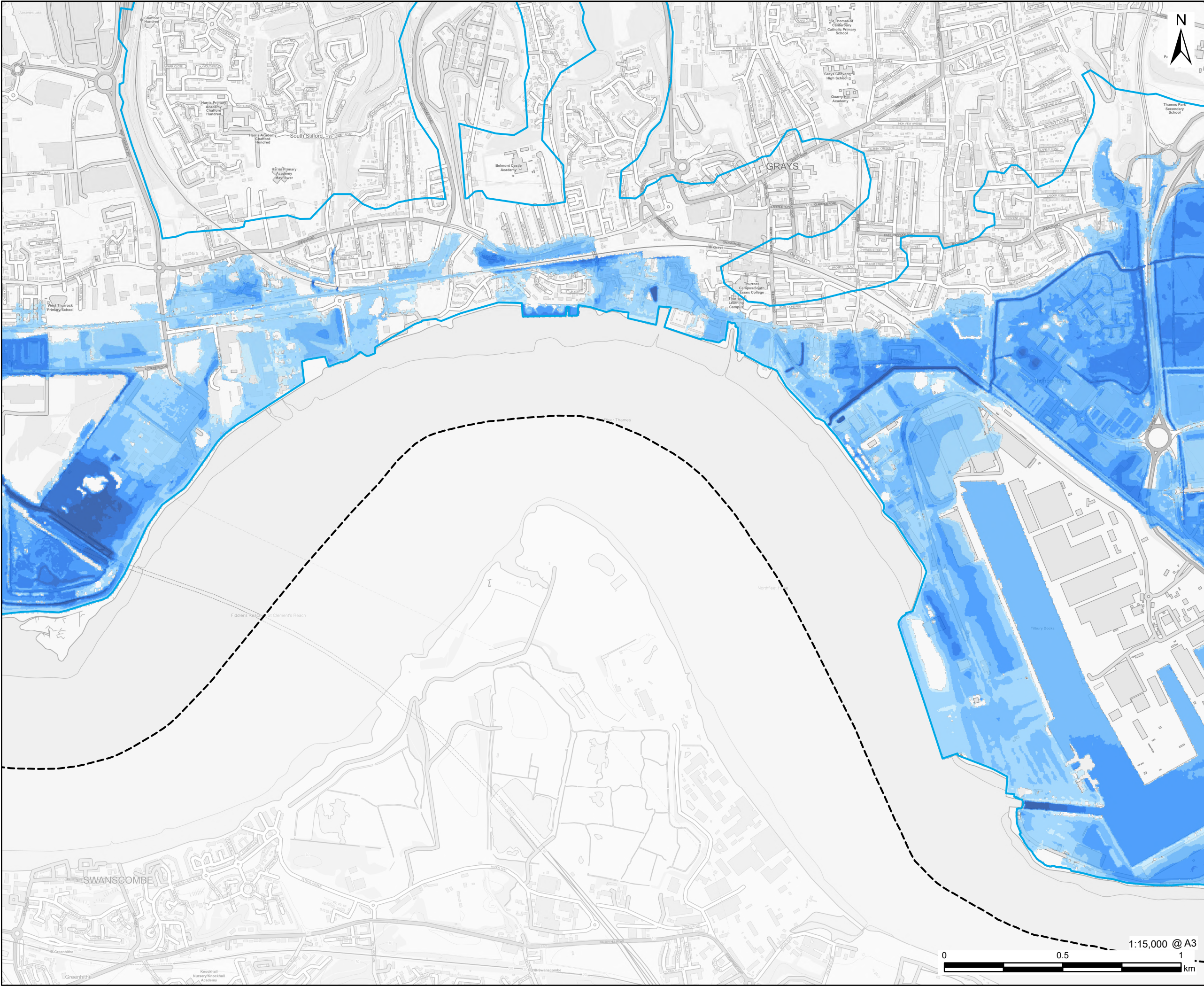
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1% AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7A



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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

Depth (m)

- 0.0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 1.5
- 1.5 - 2
- 2.0 - 2.5
- 2.5 - 5
- 5+

OVERVIEW



NOTES

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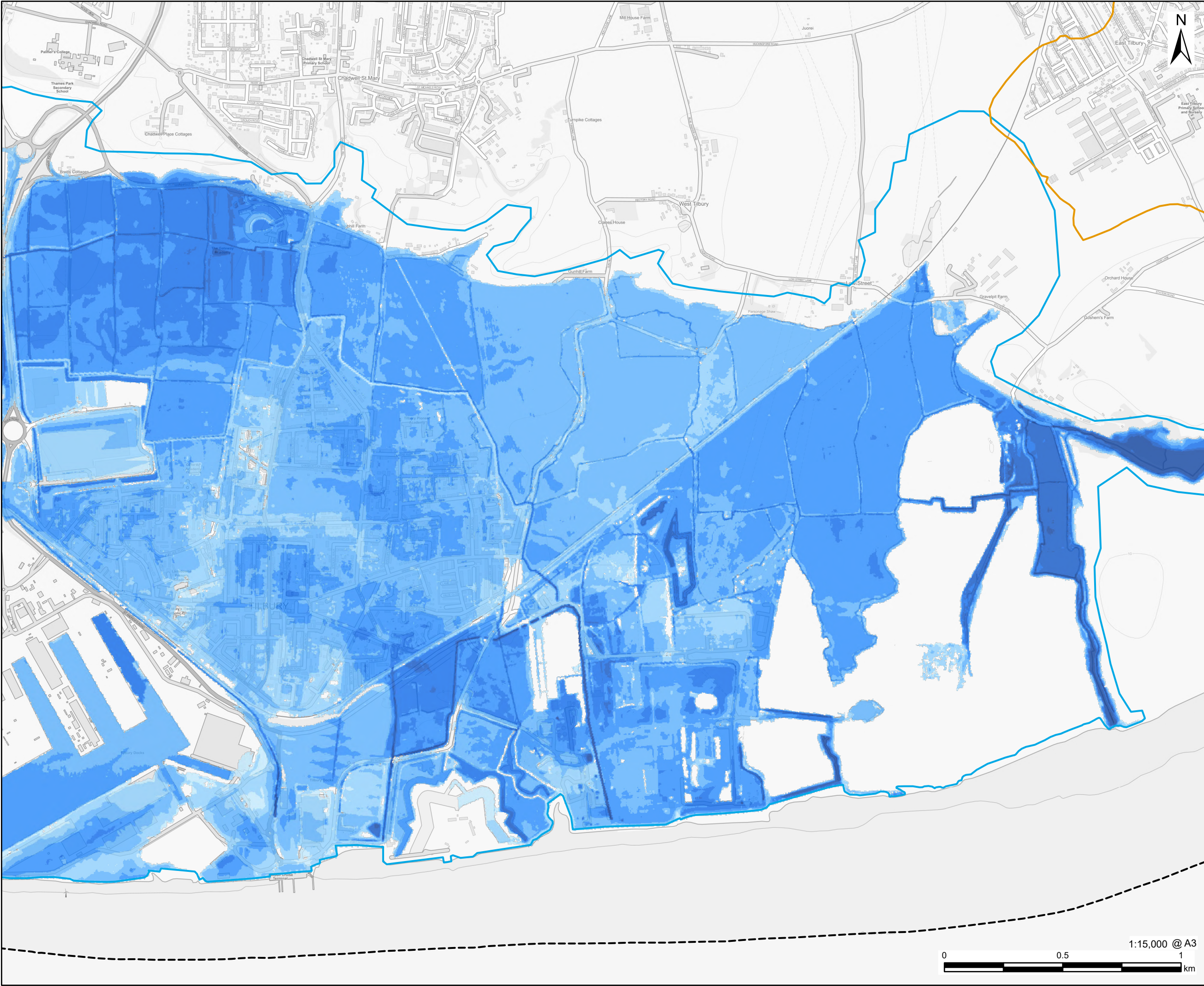
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7B



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Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

East Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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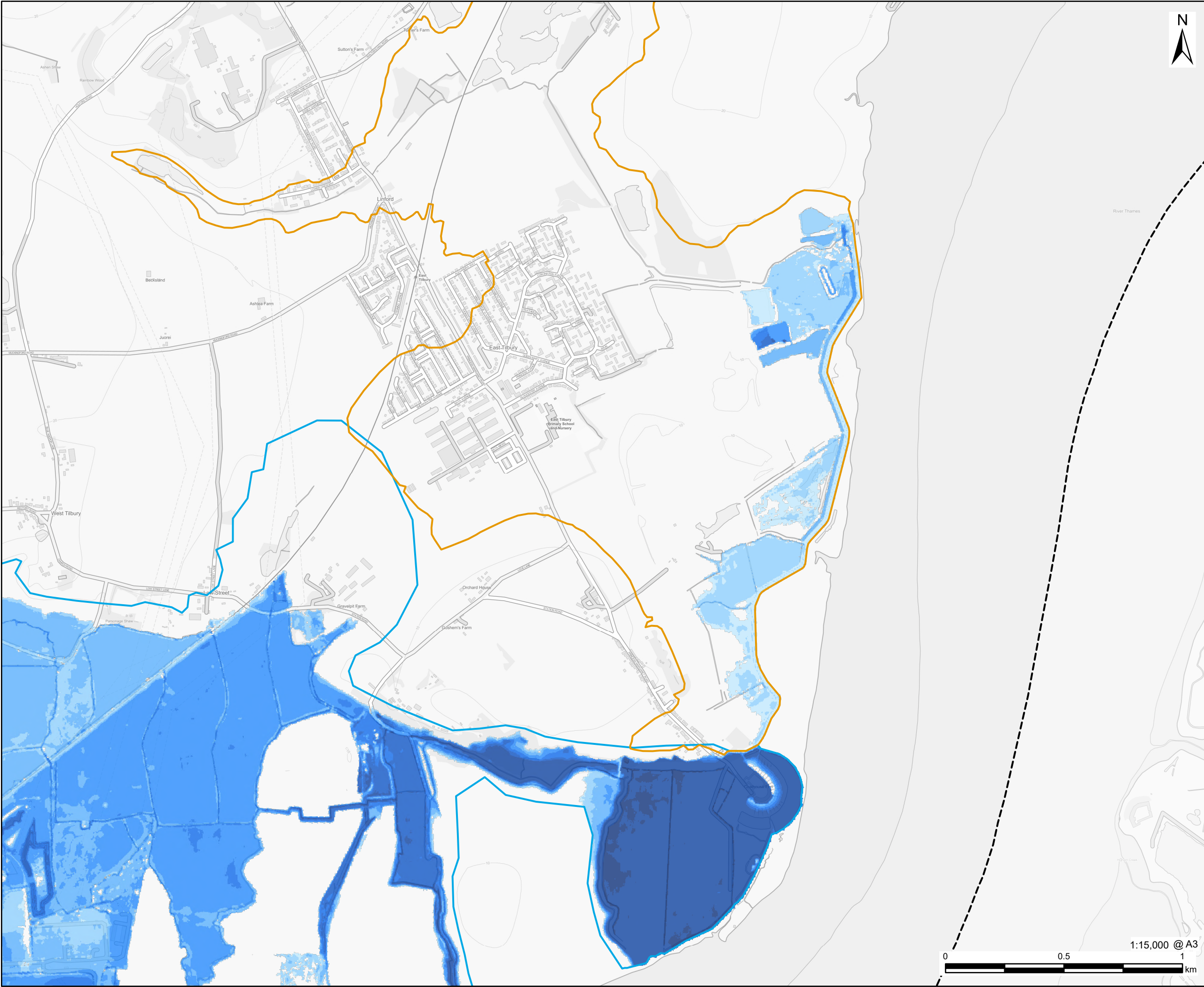
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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7C



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PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

CLIENT



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LEGEND

Thurrock Borough Boundary

Flood Cell

Grays / Purfleet / Tilbury

East Tilbury

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

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ISSUE PURPOSE

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PROJECT NUMBER

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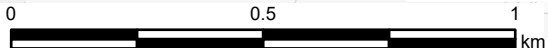
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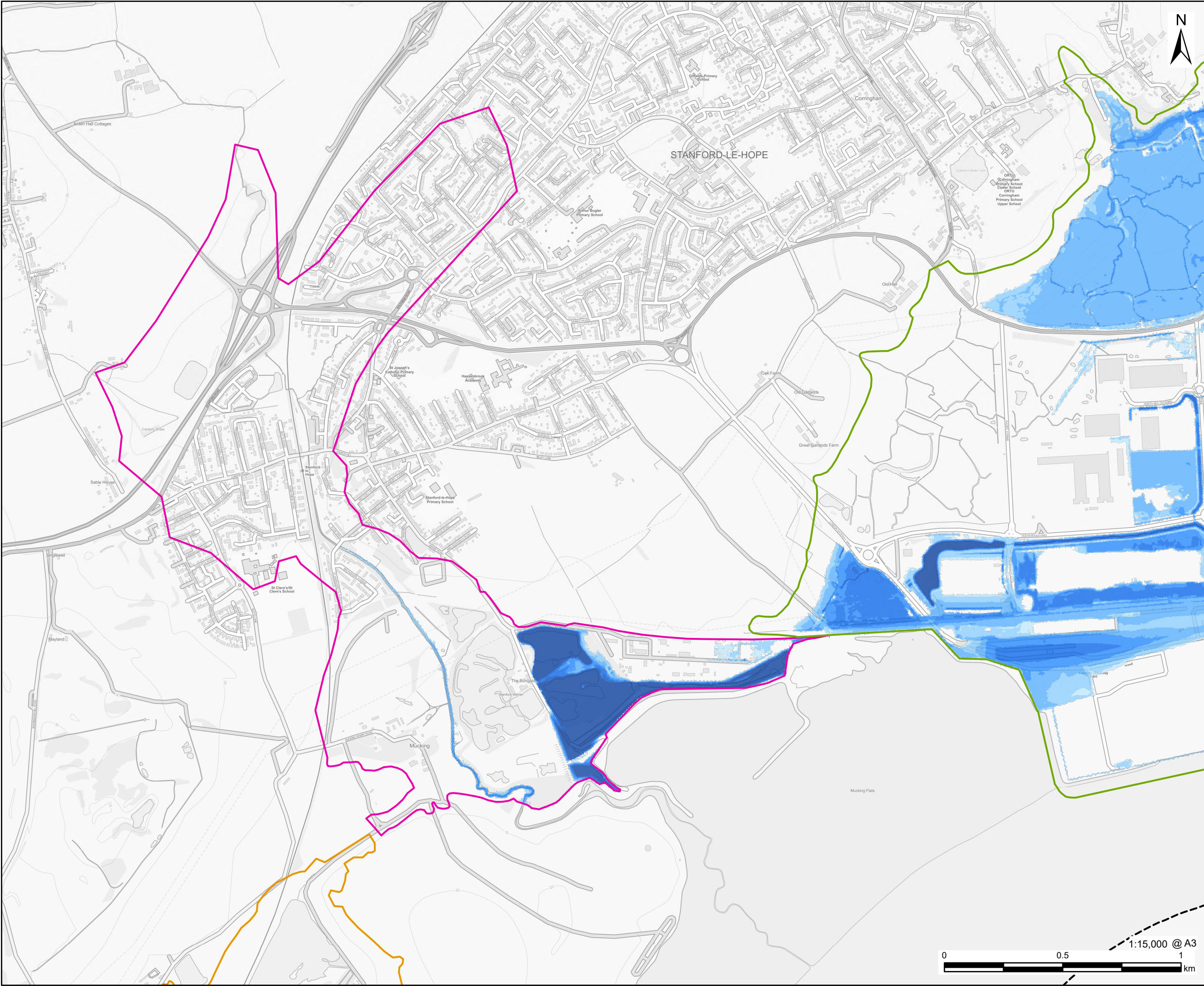
Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7D

1:15,000 @ A3





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PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

CLIENT



CONSULTANT

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RG21 7PP
www.aecom.com

LEGEND

Thurrock Borough Boundary

Flood Cell

East Tilbury

Mucking

Fobbing

Depth (m)

0.0 - 0.1

0.1 - 0.5

0.5 - 1

1.0 - 1.5

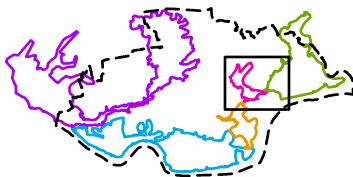
1.5 - 2

2.0 - 2.5

2.5 - 5

5+

OVERVIEW



NOTES

1. Refer to the accompanying SFRA Report for details of the tidal modelling methodology, assumptions and limitations.

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SFRA REPORT

PROJECT NUMBER

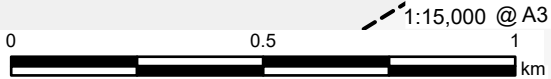
60689110

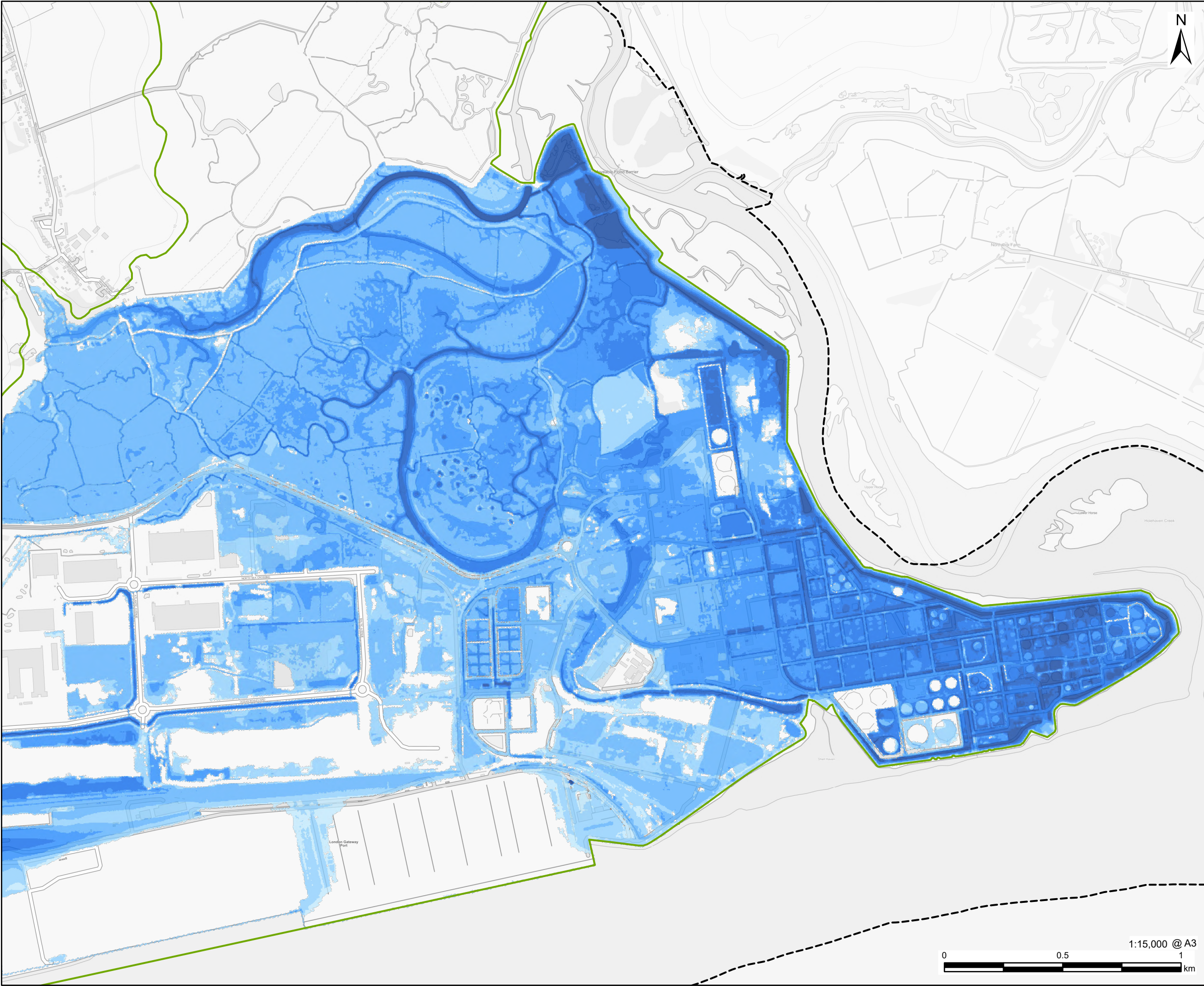
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7E





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PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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LEGEND

Thurrock Borough Boundary

Flood Cell

Fobbing

Depth (m)

	0.0 - 0.1
	0.1 - 0.5
	0.5 - 1
	1.0 - 1.5
	1.5 - 2
	2.0 - 2.5
	2.5 - 5
	5+

OVERVIEW



NOTES

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PROJECT NUMBER

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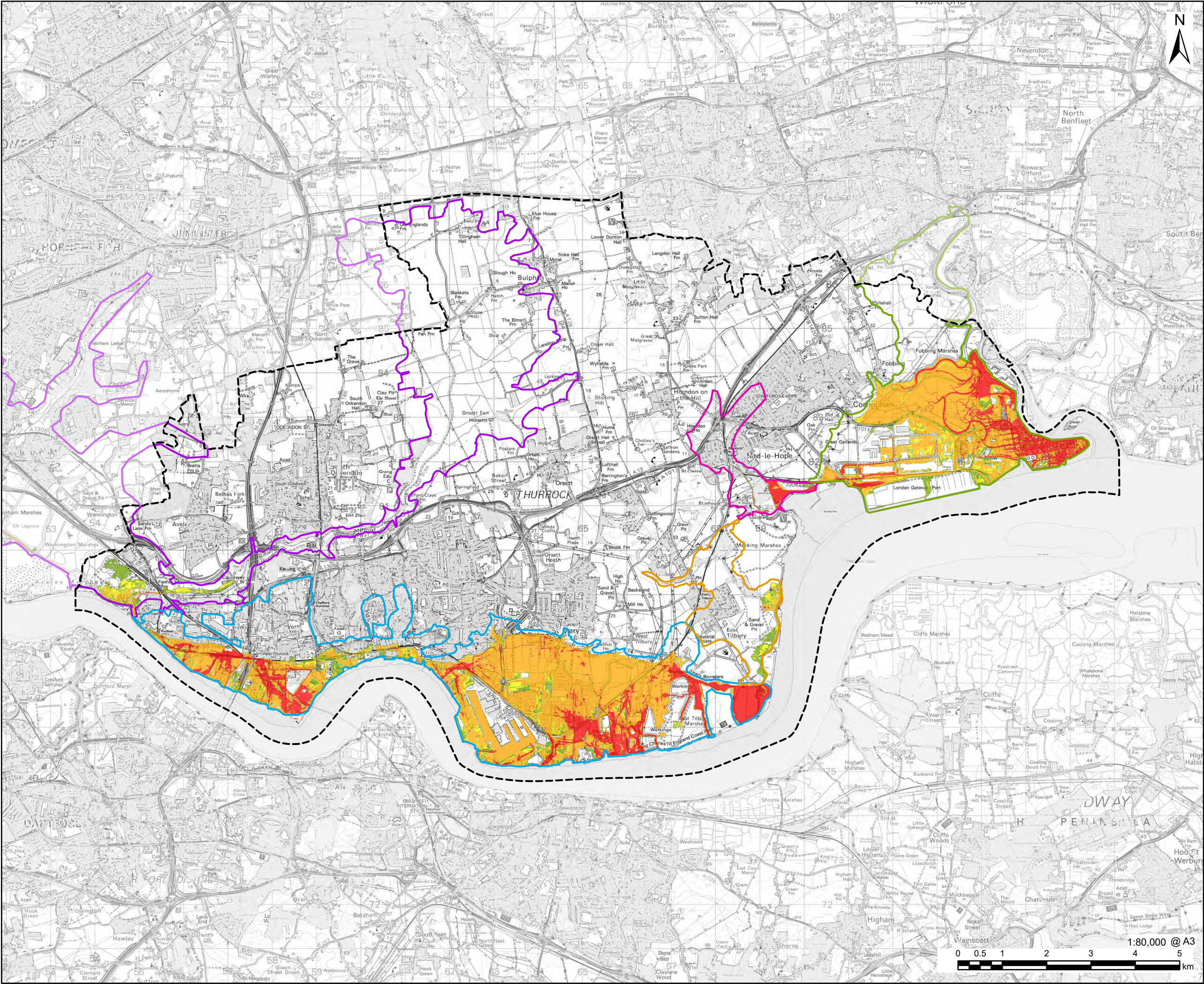
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Depth

FIGURE NUMBER

Figure 7F

0 0.5 1 km
1:15,000 @ A3



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PROJECT

Thurrock Council Level 1
Strategic Flood Risk
Assessment (SFRA)

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THURROCK COUNCIL

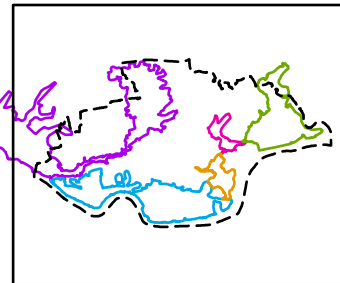
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LEGEND

- Thurrock Borough Boundary**
- Flood Cell**
- Mardyke
 - Grays / Purfleet / Tilbury
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating**
- Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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PROJECT NUMBER

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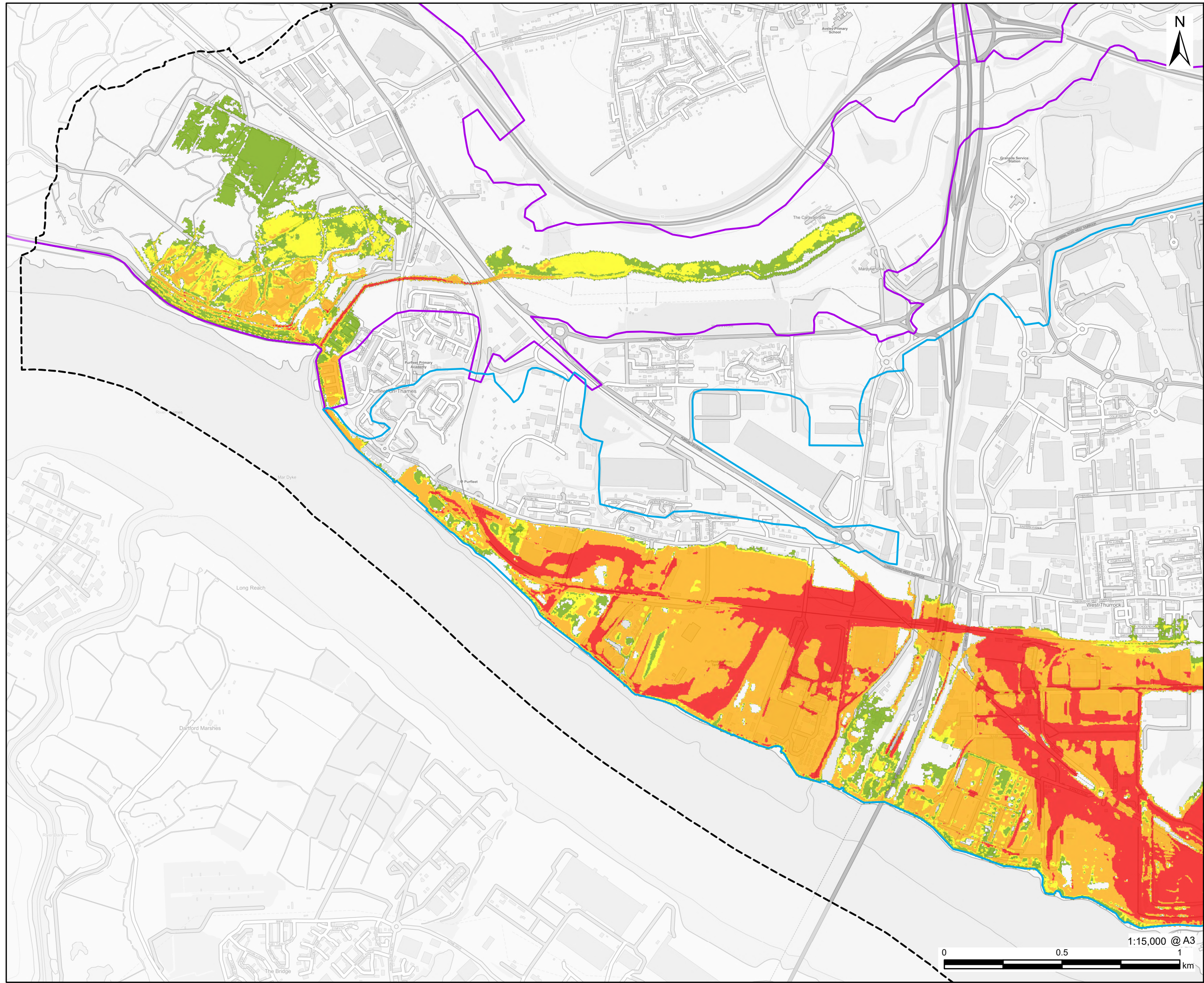
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Hazard

FIGURE NUMBER

Figure 8

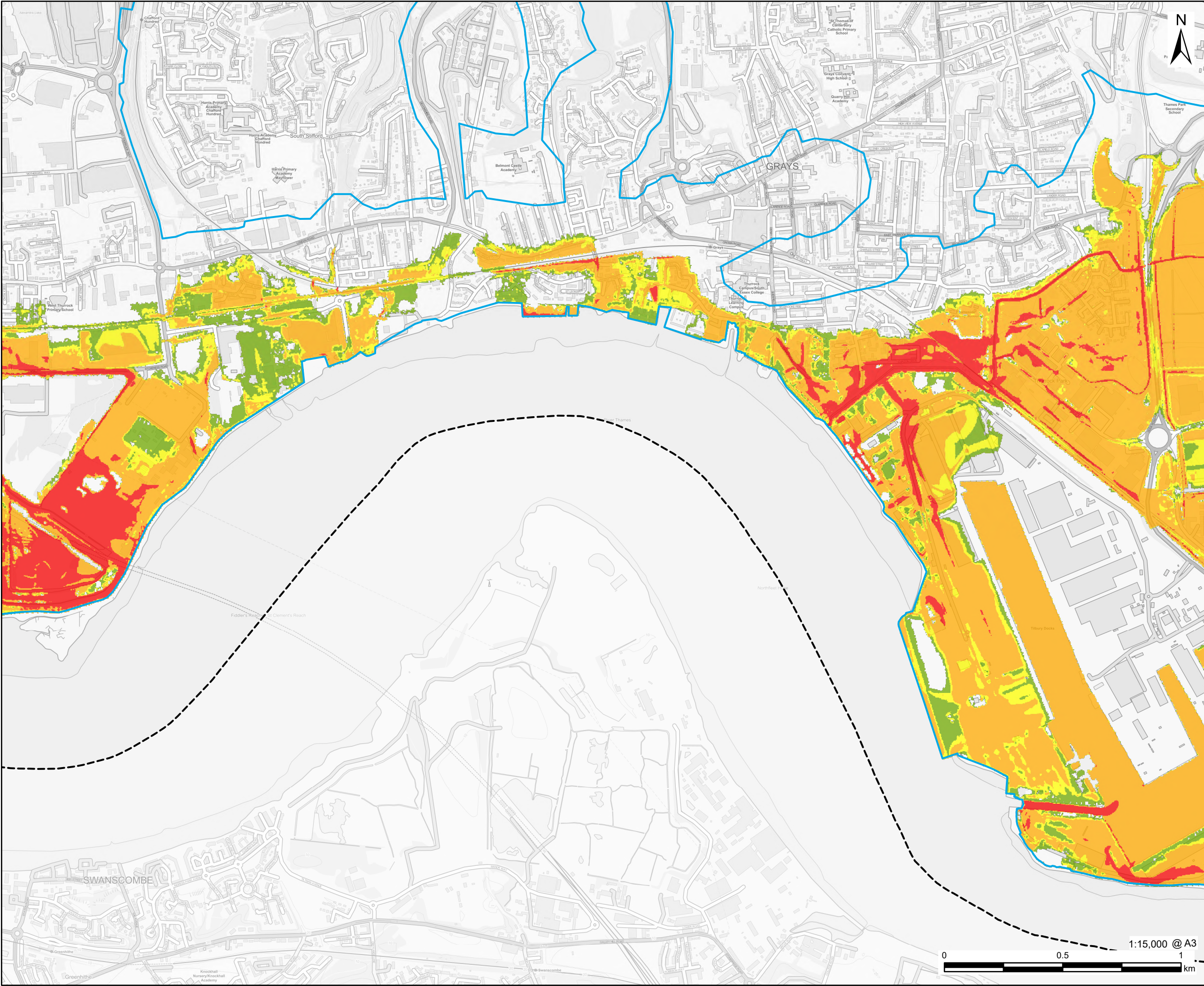
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Figure 8A



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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Grays / Purfleet / Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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PROJECT NUMBER

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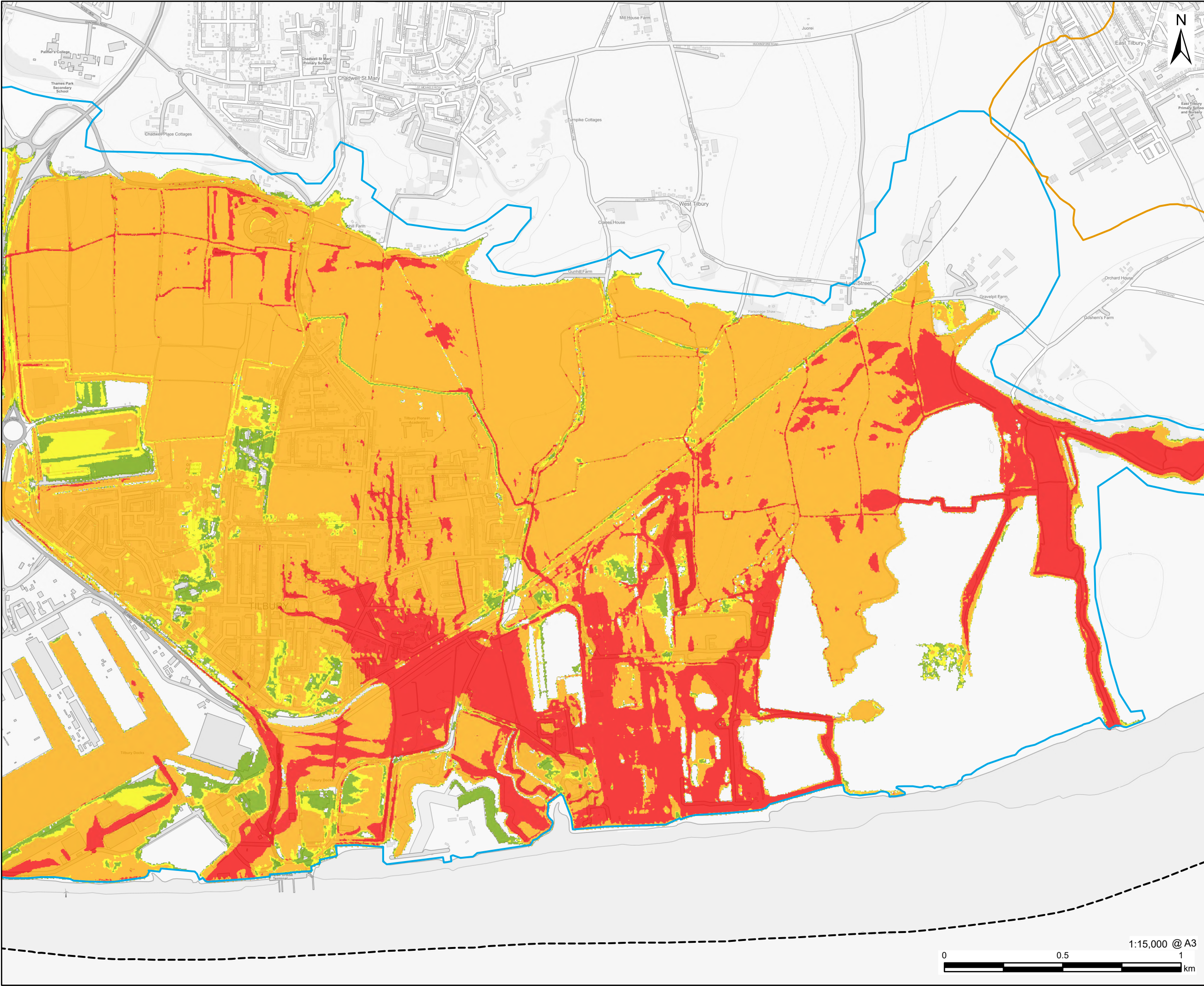
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Hazard

FIGURE NUMBER

Figure 8B





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LEGEND

- Thurrock Borough Boundary
- Flood Cell
 - Grays / Purfleet / Tilbury
 - East Tilbury
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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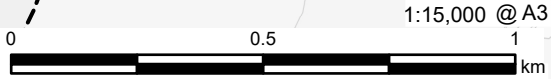
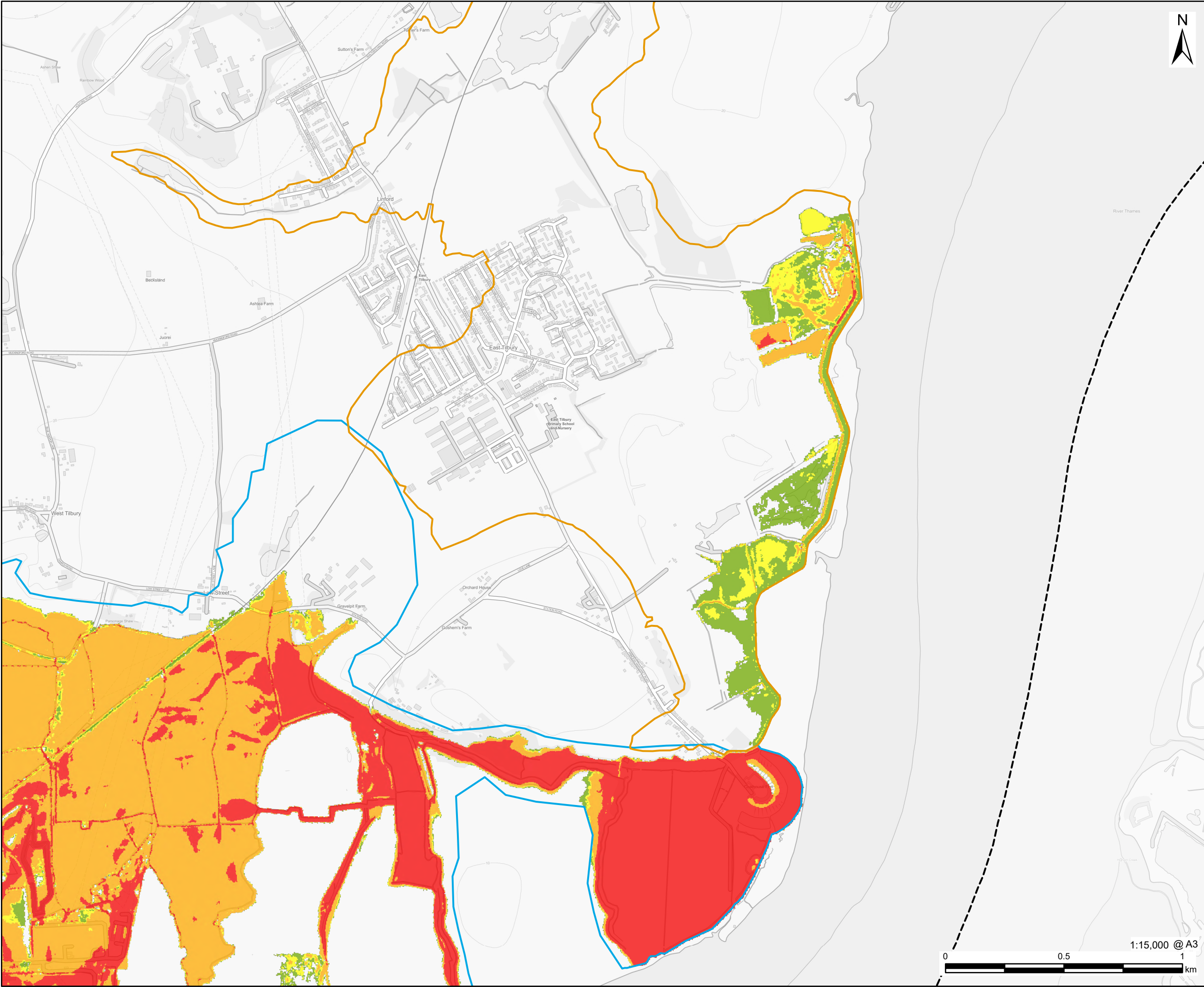
60689110

FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Hazard

FIGURE NUMBER

Figure 8C



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Assessment (SFRA)

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LEGEND

- Thurrock Borough Boundary
- Flood Cell**
 - Grays / Purfleet / Tilbury
 - East Tilbury
- Hazard Rating**
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Hazard

FIGURE NUMBER

Figure 8D



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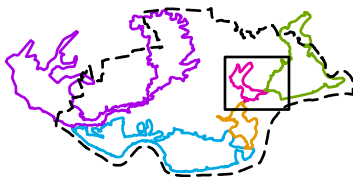
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LEGEND

- Thurrock Borough Boundary
- Flood Cell
 - East Tilbury
 - Mucking
 - Fobbing
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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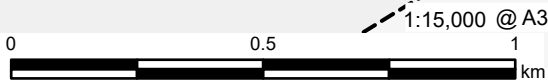
60689110

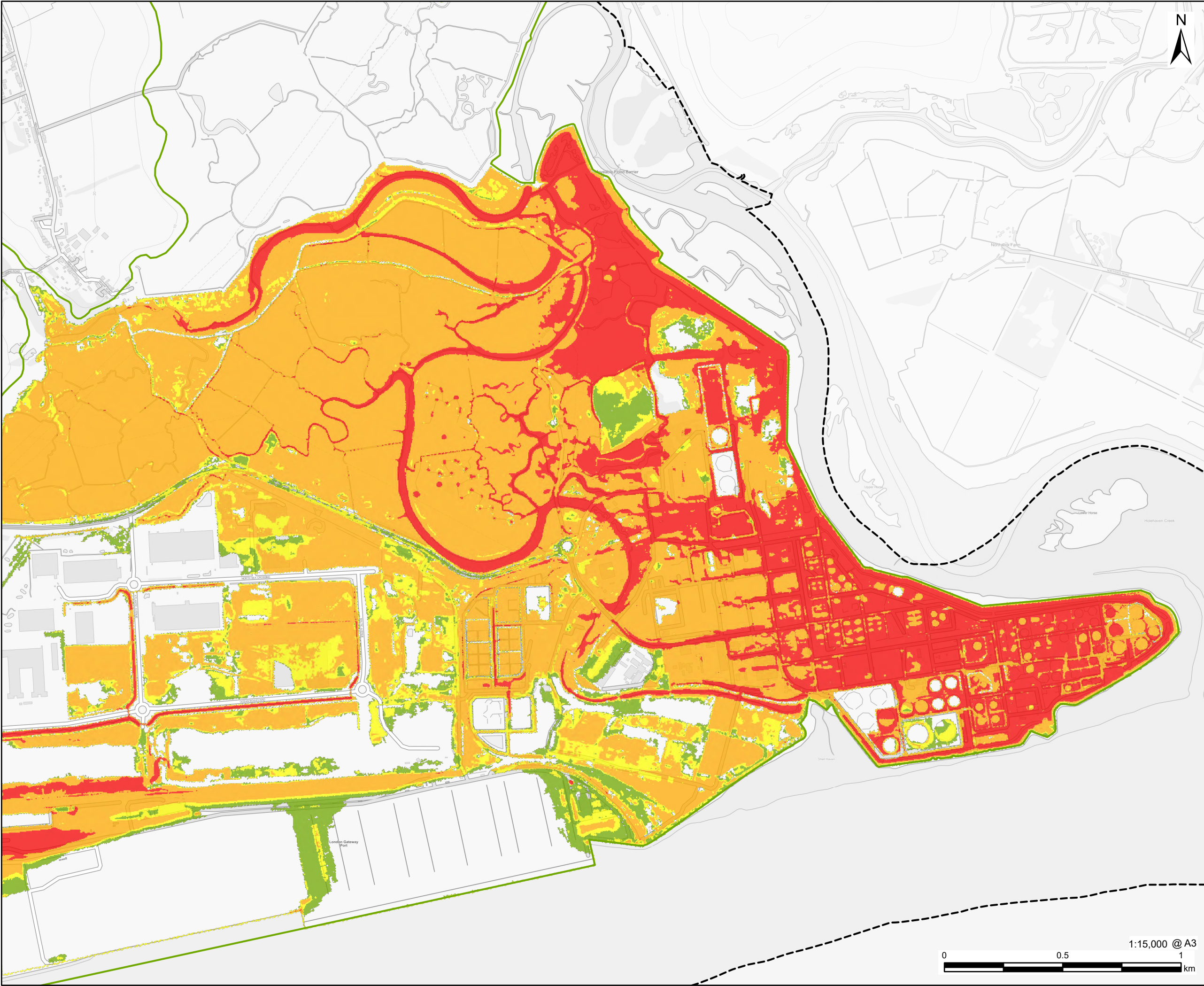
FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Hazard

FIGURE NUMBER

Figure 8E





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LEGEND

- Thurrock Borough Boundary
- Flood Cell
- Fobbing
- Hazard Rating
 - Low
 - Moderate
 - Significant
 - Extreme

OVERVIEW



NOTES

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FIGURE TITLE

Risk of Overtopping 1000YR (0.1%
AEP) 2125 – Maximum Hazard

FIGURE NUMBER

Figure 8F