

Location Plan



Legend

 Wigan PFRA Study Area

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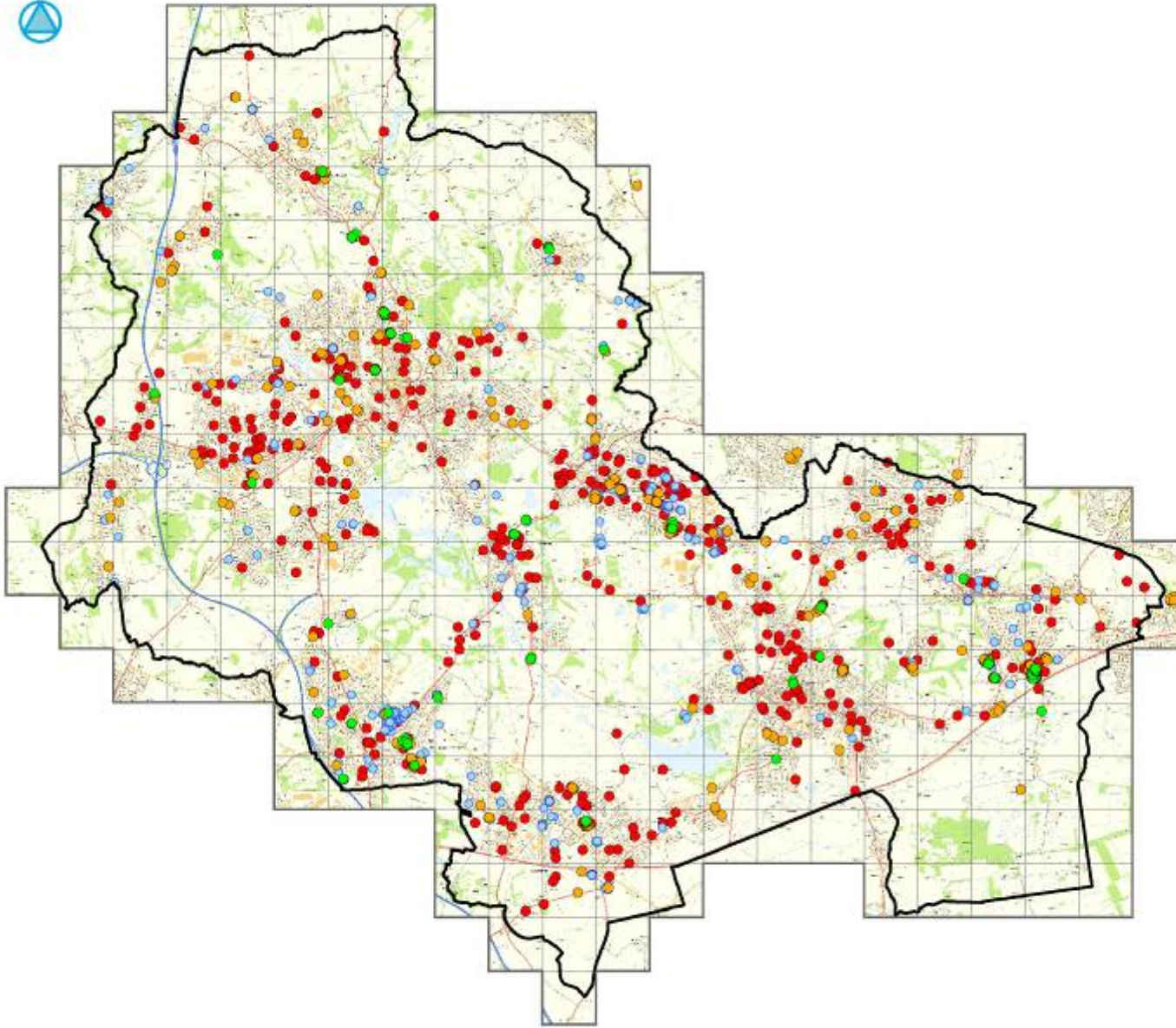
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for
WIGAN COUNCIL
PRELIMINARY FLOOD RISK ASSESSMENT
Wigan Council PFRA Study Area

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Location Plan



Legend

- Wigan PFRA Study Area
- United Utilities Internal DG5
- United Utilities External DG5
- Environment Agency Flood Event Outlines
- Historic Surface Water Flooding Incidents
- GM Fire and Rescue Records

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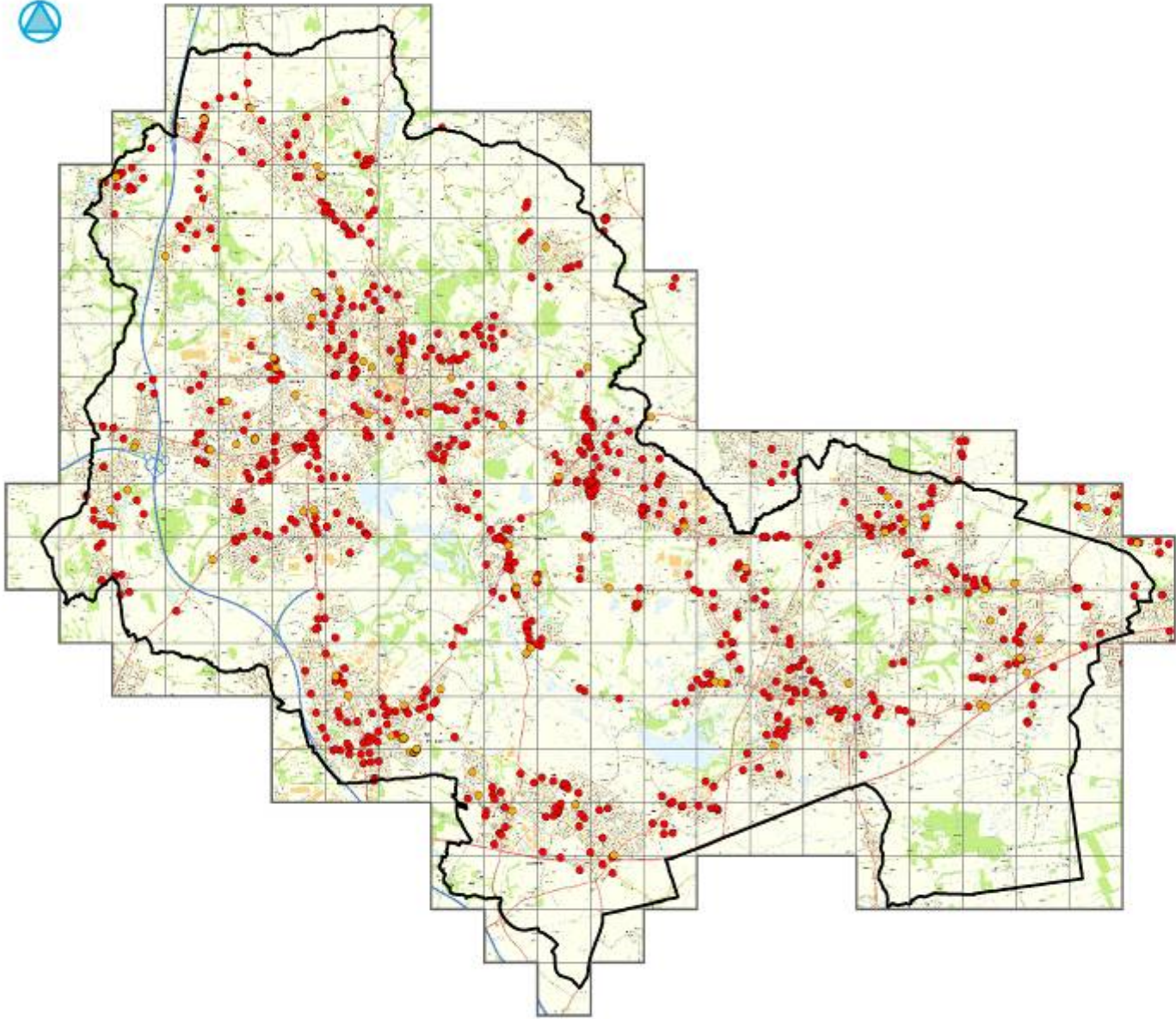
Wigan Council

for
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PRELIMINARY FLOOD RISK ASSESSMENT
Local Historic Flood Map

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Location Plan



Legend

- Wigan PFRA Study Area
- W.I.R.S. Incidents
- S.I.R.S. Incidents

Only incidents which have resulted in surface water flooding to properties, gardens/driveways and Highways have been identified.

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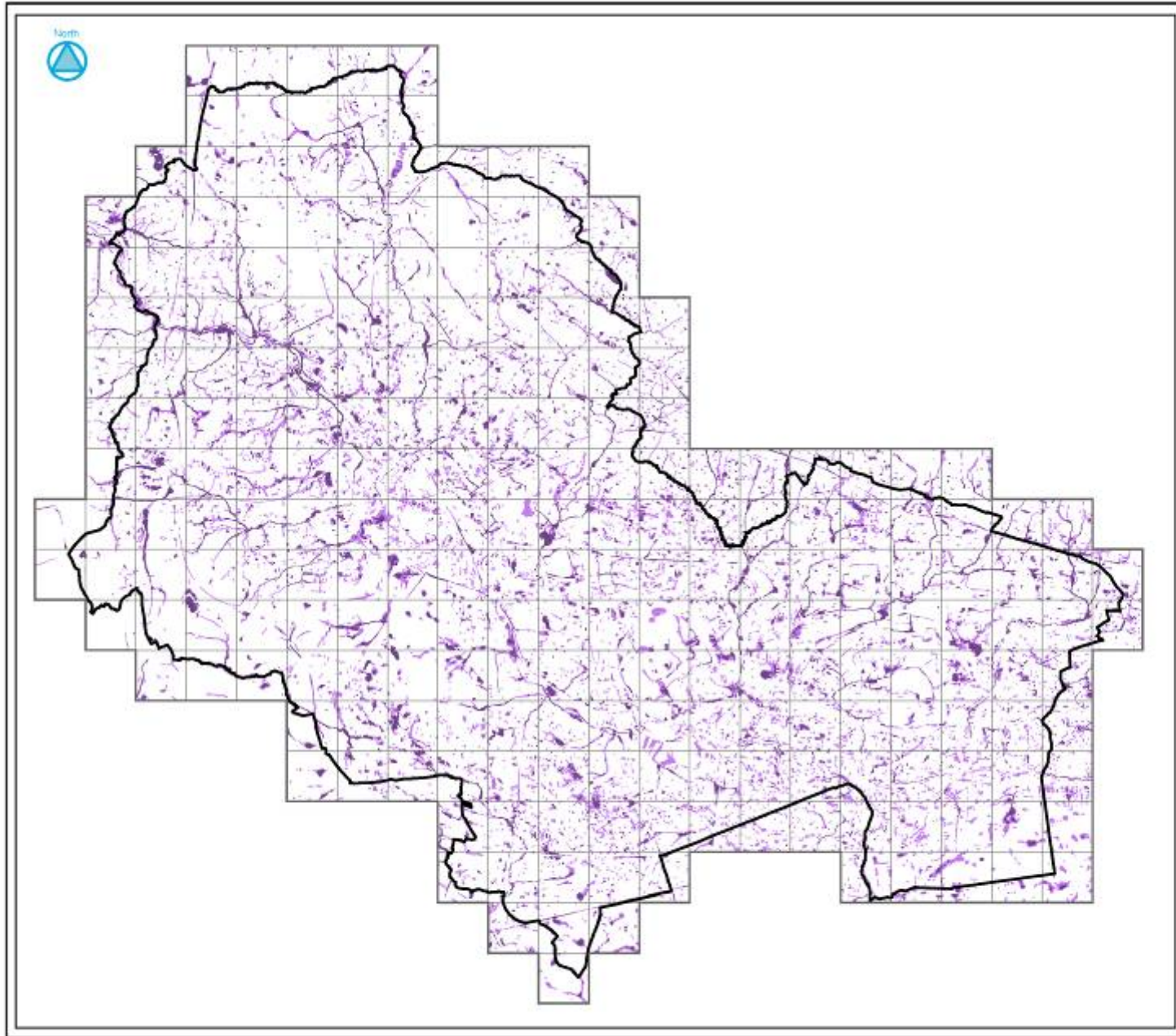
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PRELIMINARY FLOOD RISK ASSESSMENT
United Utilities S.I.R.S and W.I.R.S

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Location Plan



- Legend**
- Wigan PFRA Study Area
 - Surface Water 'Deep'
 - Surface Water 'Shallow'

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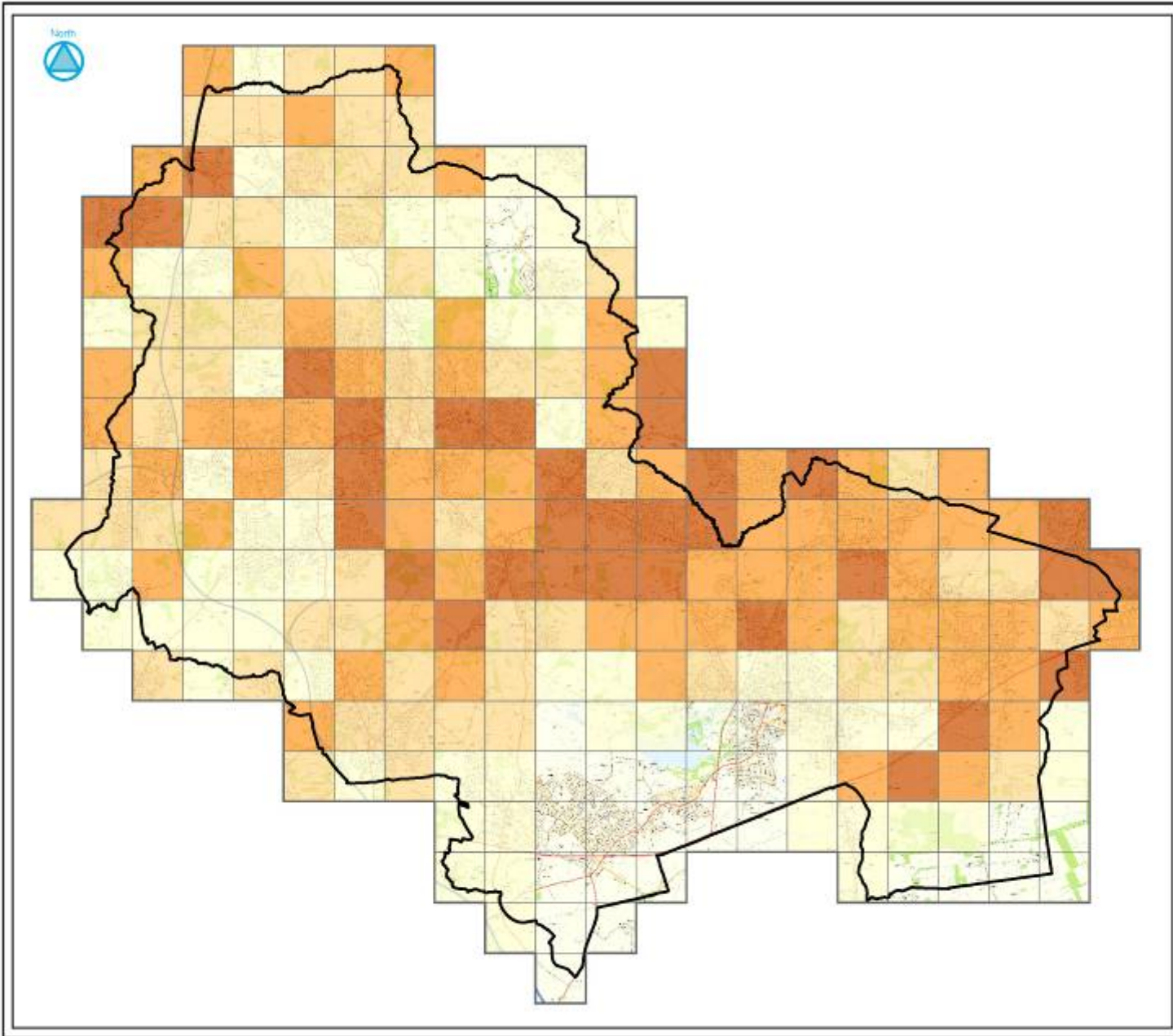
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for
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 PRELIMINARY FLOOD RISK ASSESSMENT
 Flood Map for Surface Water

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Location Plan



Legend

- Wigan PFRA Study Area
- RISK**
- $\geq 75\%$
- $\geq 50\% < 75\%$
- $\geq 25\% < 50\%$
- $< 25\%$

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for

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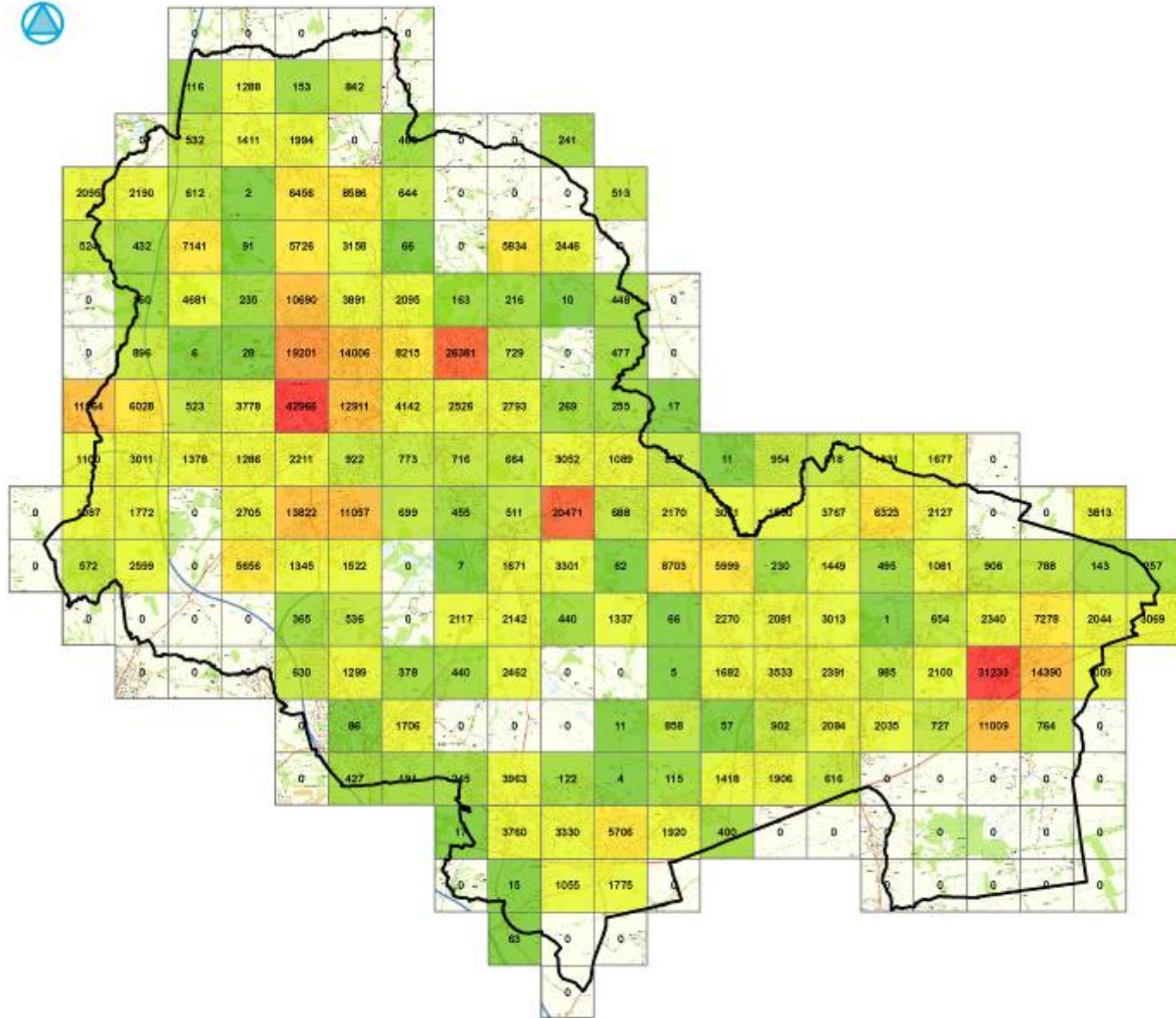
PRELIMINARY FLOOD RISK ASSESSMENT

Areas Susceptible to Groundwater Flooding

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Location Plan



Legend

Wigan PFRRA Study Area
 Sewer Discharge Volume - 30yr Rainfall Event
 Total Volume per 1km Grid Square (m³)

- 0
- 0 - 100
- 100 - 500
- 500 - 1000
- 1000 - 5000
- 5000 - 10000
- 10000 - 15000
- 15000 - 20000
- 20000 - 30000
- > 30000

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PRELIMINARY FLOOD RISK ASSESSMENT

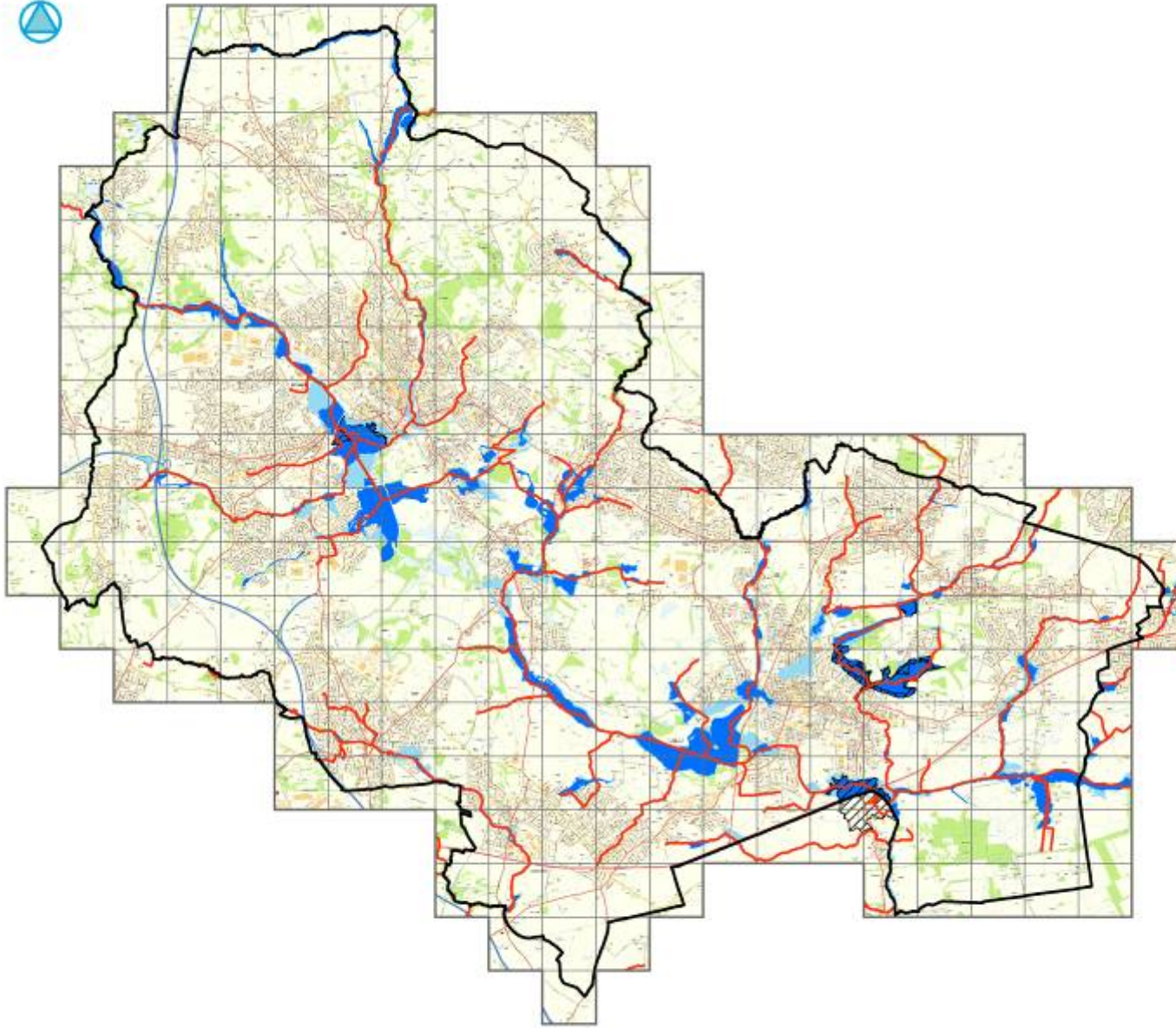
Sewer Discharge Volumes

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Drawing Number: Figure 5-3



Location Plan



Legend

-  Wigan PFRA Study Area
-  Main Rivers
-  Areas Benefiting from Defences
-  Flood Zone 3
-  Flood Zone 2

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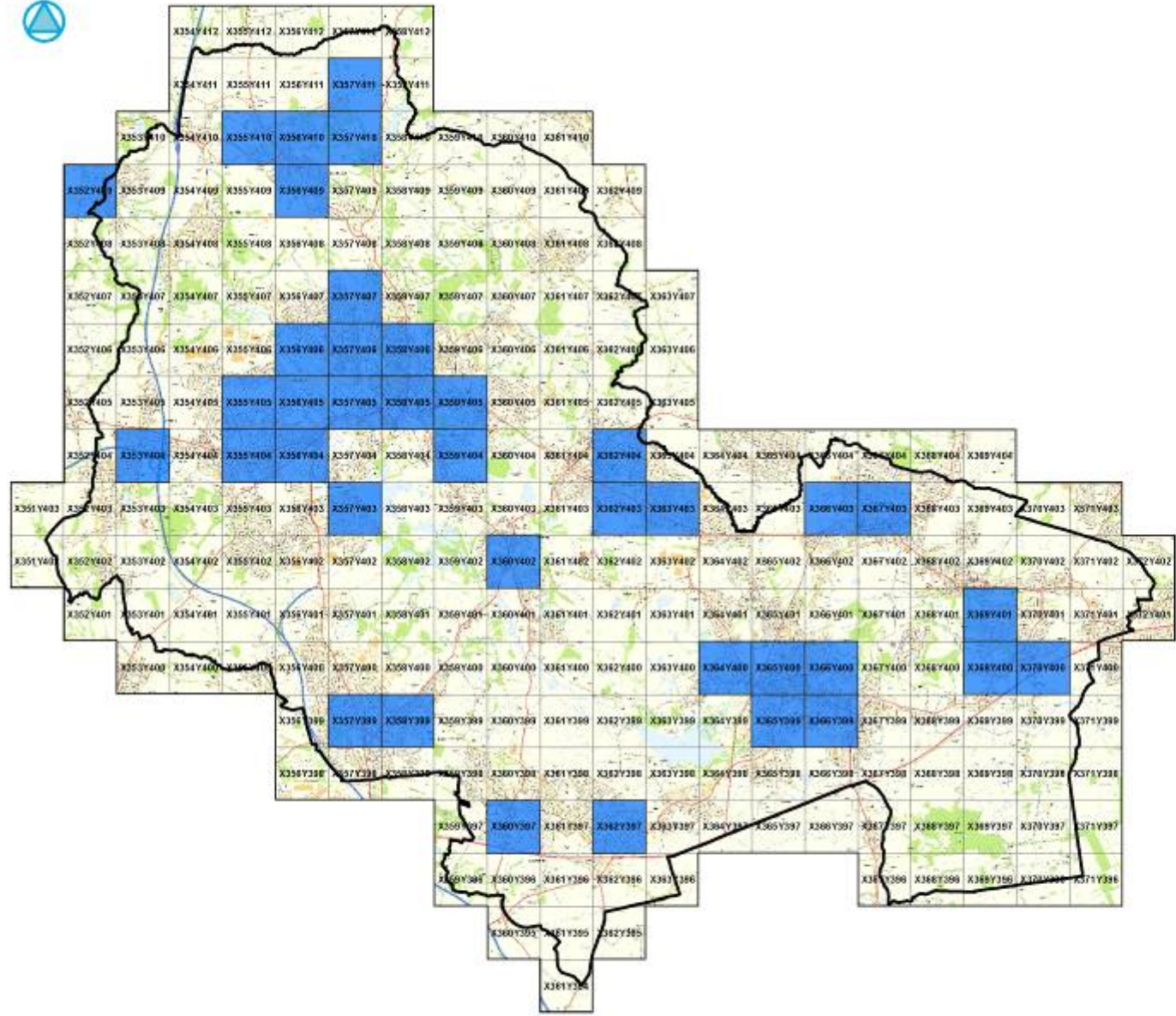
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for
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PRELIMINARY FLOOD RISK ASSESSMENT
Flood Map

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Drawing Number: Figure 5-4



Location Plan



Legend

- Wigan PFRA Study Area
- Areas above Flood Risk Thresholds

Grid Squares are labelled with their corresponding reference number to allow reference to be made within the PFRA report.

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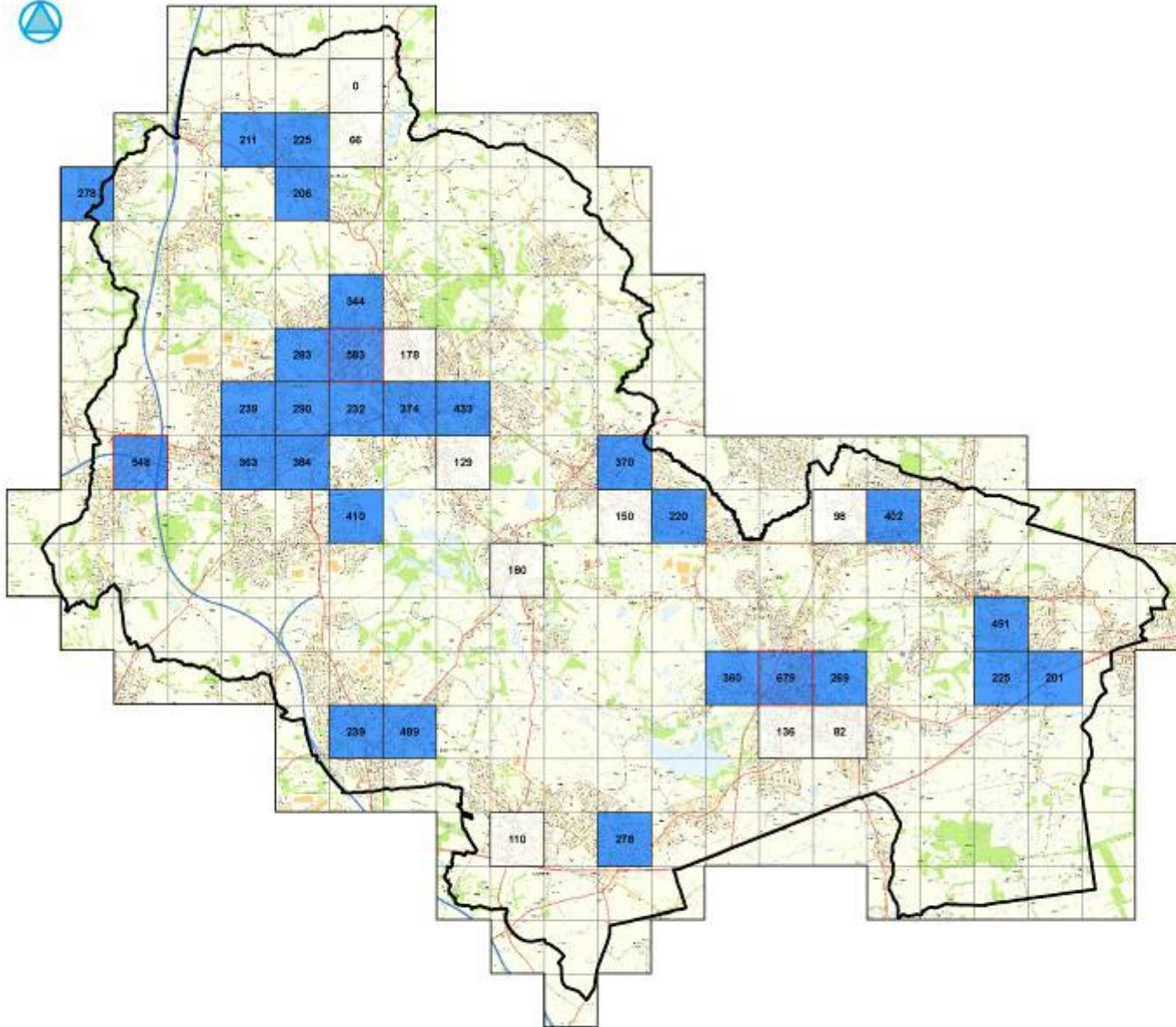
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PRELIMINARY FLOOD RISK ASSESSMENT
Areas above Flood Risk Thresholds

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Drawing Number: Figure 5-1



Location Plan



Legend

Wigan PFRA Study Area

Number of People Affected

<200

>200

Top three Ranked by Total People

679

583

548

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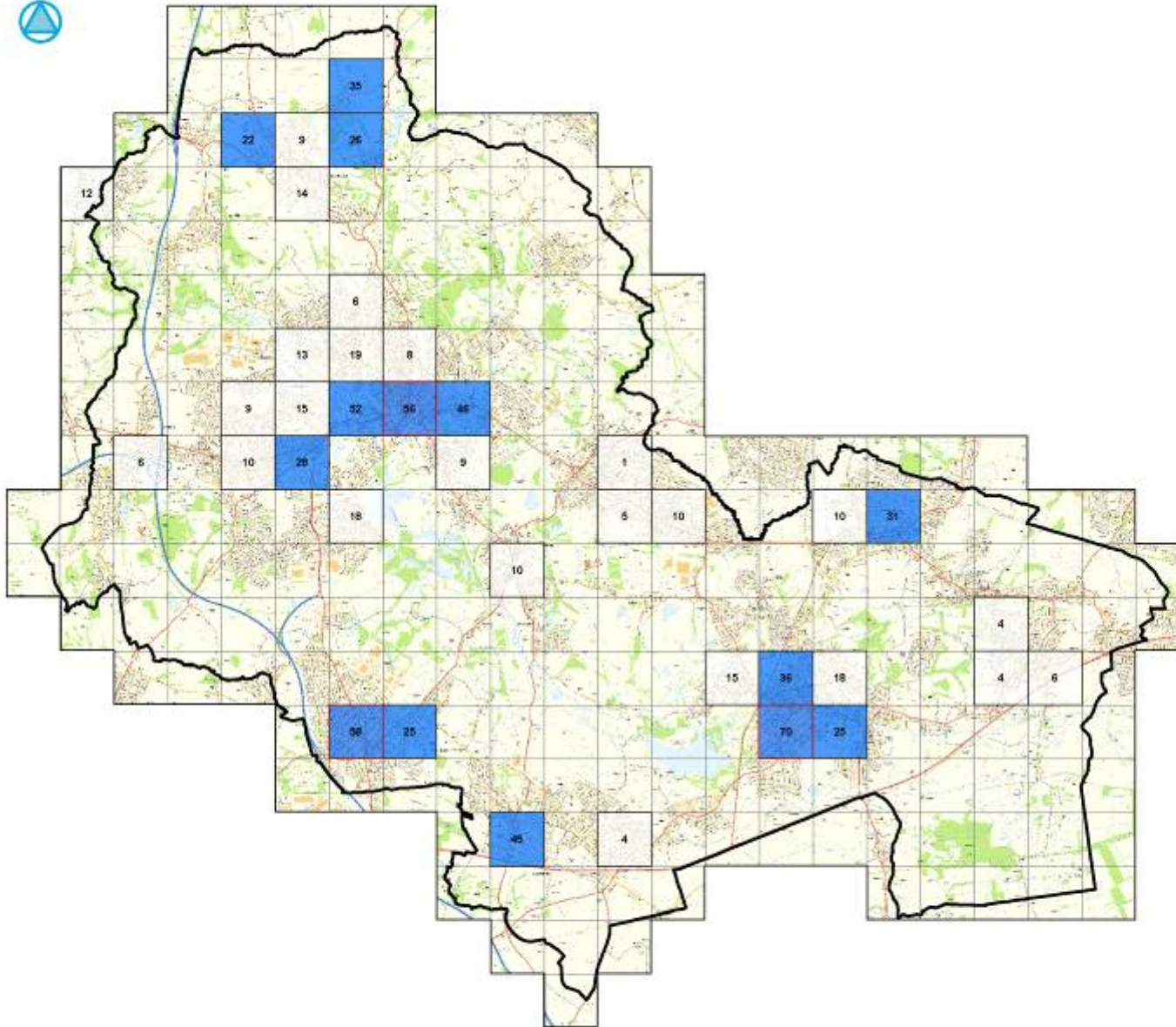
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PRELIMINARY FLOOD RISK ASSESSMENT
Areas above Flood Risk People Threshold

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Drawing Number: Figure 5-8



Location Plan



Legend

Wigan PFRA Study Area
Number of Non Residential

<20
>20

Top Three Ranked by Total Non Residential

70
58
56

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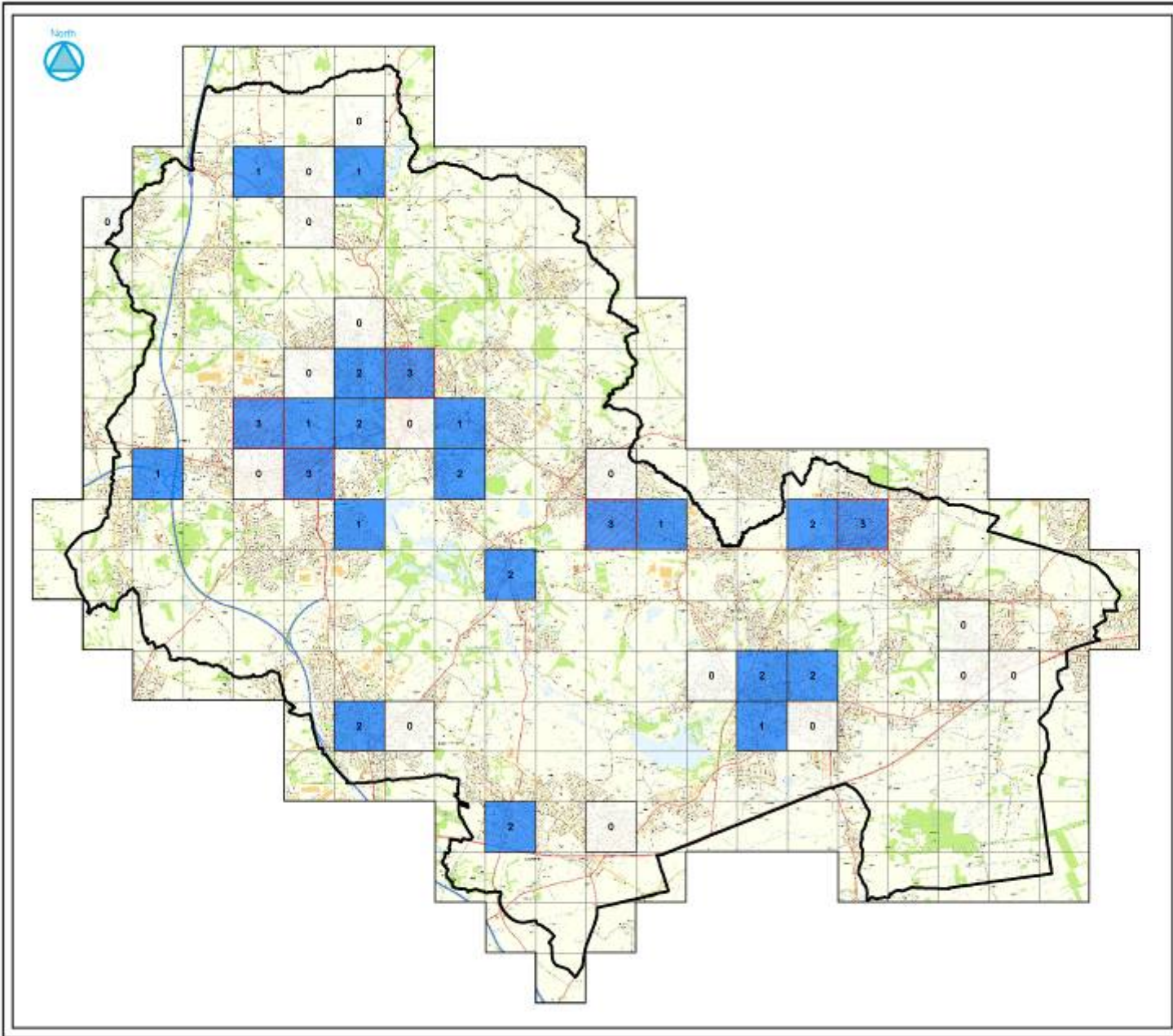


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PRELIMINARY FLOOD RISK ASSESSMENT
Areas above Flood Risk Non Residential
Threshold

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Location Plan



Legend

- Wigan PFRA Study Area
- Number of Critical Services**
- 0
- > 1
- Top Five Ranked by Total Critical Services**
- 3

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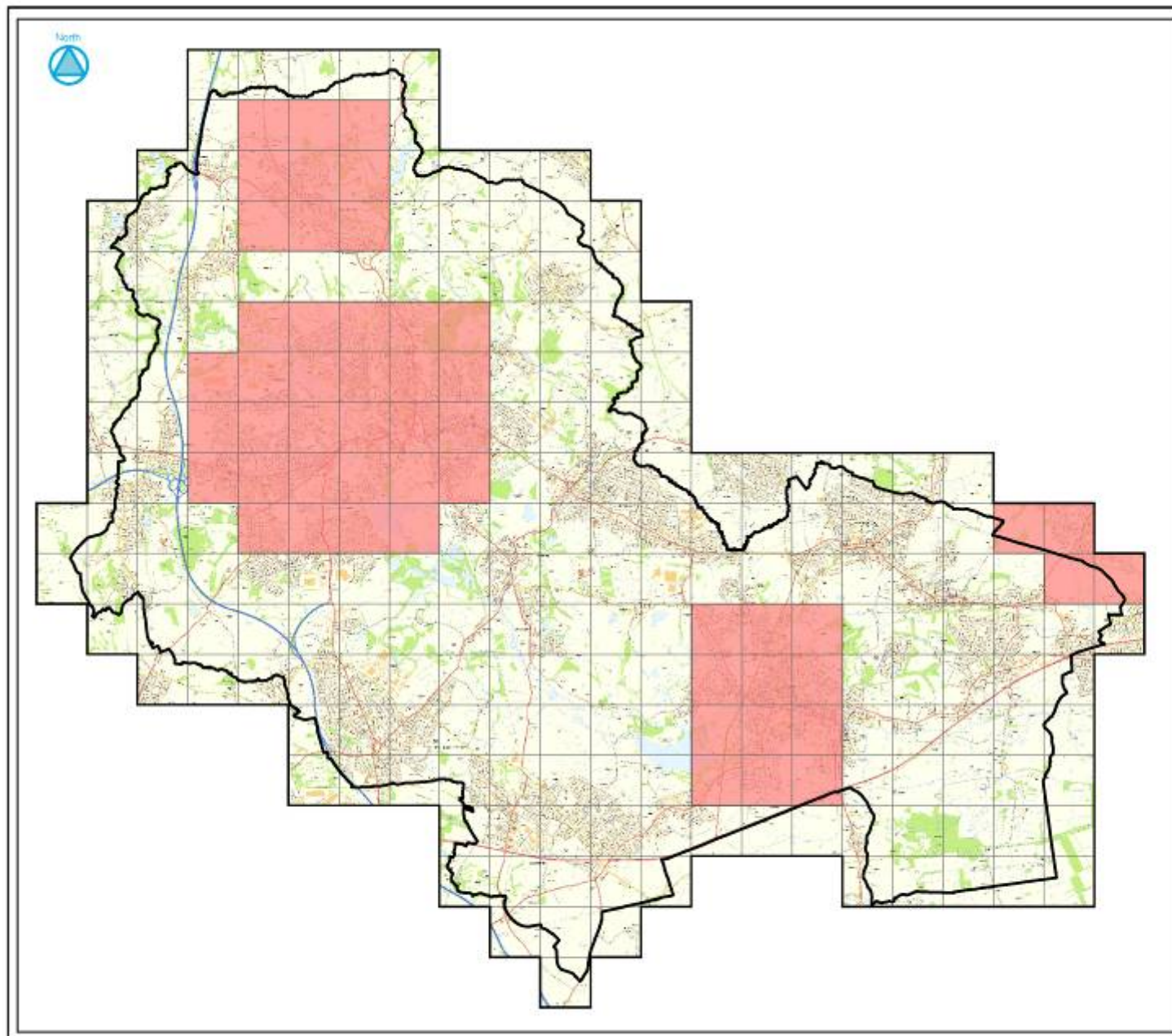
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PRELIMINARY FLOOD RISK ASSESSMENT
Areas above Flood Risk Critical Service
Threshold

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Location Plan



Legend

-  Wigan PFRA Study Area
-  Areas above Flood Risk Threshold Clusters

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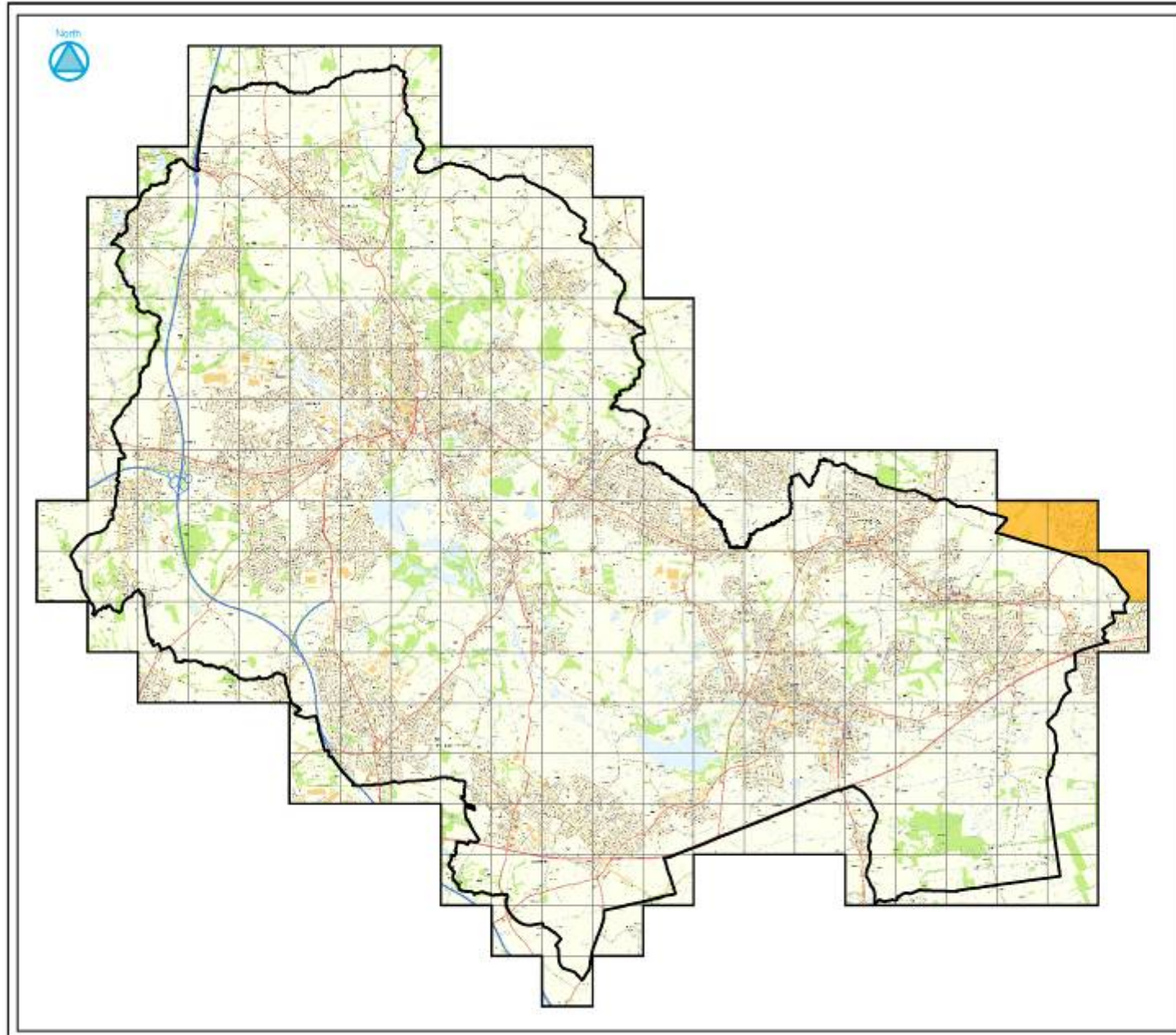
PRELIMINARY FLOOD RISK ASSESSMENT

Areas above Flood Risk Threshold Clusters

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Drawing Number: Figure 6-3



Location Plan



Legend

-  Wigan PFRA Study Area
-  Flood Risk Area

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for
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PRELIMINARY FLOOD RISK ASSESSMENT
Greater Manchester Flood Risk Area

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