



Site Ref: Gillingham - SN0274REVB - Land South A143 & A146 Roundabout

Please refer to Main Report and Site Summary Table for further information on the datasets

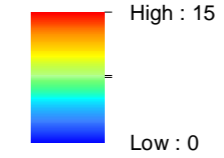


All layers are automatically off

Legend

- Level 2 SFRA Sites
- South Norfolk District Council Boundary
- Statutory Main Rivers
- Detailed River Network

Topography- mAOD



Modelled Flood Zones

- Modelled Flood Zone 3b
- Modelled Flood Zone 3a
- Modelled Flood Zone 2

EA Flood Map for Planning

- Flood Zone 3a
- Flood Zone 2

Gillingham flood model results

Flood Depth- Fluvial

- 1% AEP
- 1% AEP plus Higher Central CC
- 0.1% AEP

Flood Depth- Tidal

- 0.5% AEP
- 0.5% AEP plus Higher Central CC

Depth (m)

- 0.00 - 0.15
- 0.15 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- >1.20

Flood Velocity- Fluvial

- 1% AEP
- 1% AEP plus Higher Central CC
- 0.1% AEP

Flood Velocity- Tidal

- 0.5% AEP
- 0.5% AEP plus Higher Central CC

Velocities (m/s)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1
- 1 - 2
- Over 2.00

Flood Velocity- Fluvial

- 1% AEP
- 1% AEP plus Higher Central CC
- 0.1% AEP

Flood Velocity- Tidal

- 0.5% AEP
- 0.5% AEP plus Higher Central CC

Flood Hazard Rating

- Caution
- Dangerous for some
- Dangerous for most
- Dangerous for all

Risk of Flooding from Surface Water

- RoFSW 3.3% AEP
- RoFSW 1% AEP
- RoFSW 0.1% AEP

1 in 1000 year-Flood Depth-m

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.60
- 0.60 - 0.90
- 0.90 - 1.20
- > 1.20

1 in 1000 year-Velocity (m/s)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- > 2.00

1 in 1000 year-Flood Hazard

- Caution
- Dangerous for some
- Dangerous for most
- Dangerous for all
- Surface Water 1% AEP with 40% Climate Change

Environment Agency- Areas Susceptible to Groundwater Flooding

- Percentage of 1km square at risk of groundwater flooding**
- < 25%
- >= 25% <50%
- >= 50% <75%
- >= 75%

Environment Agency - Flood Warnings & Flood Alerts

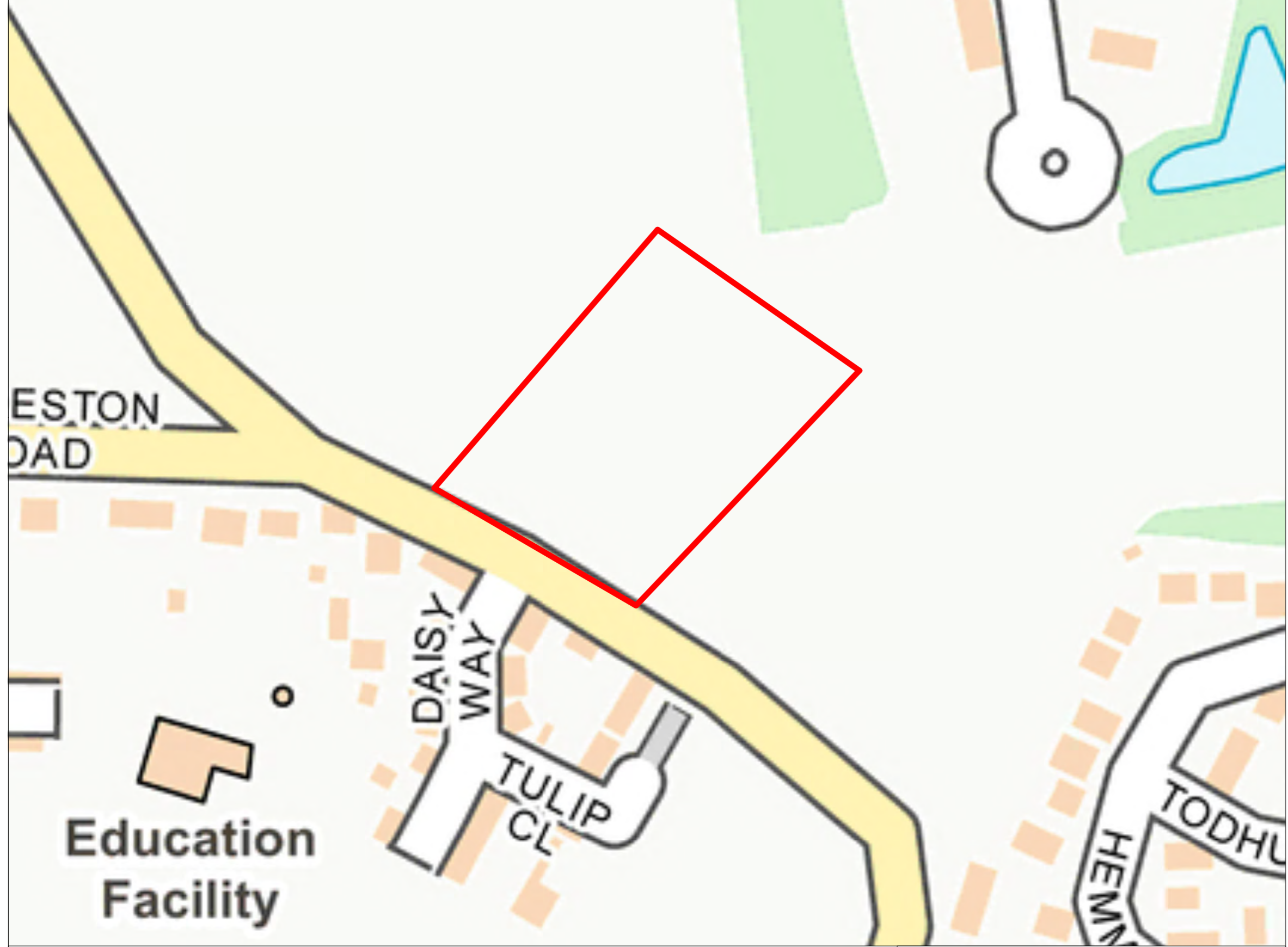
- Flood Warning Areas
- Flood Alert Areas

Historic Flood Map

- EA Historic Flood Map

Environment Agency - Reservoir Flooding

- Reservoir Flood Extent- Dry Day
- Reservoir Flood Extent- Wet Day



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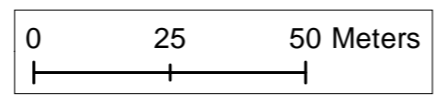


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