



B.3 DA03 Maidstone Rural West

Maidstone Stage 1 SWMP : Summary Sheet
Drainage Area 03 Maidstone Rural West

Area overview

Area (km²) 86.1

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer Network	Sewer (foul and surface water)	There are issues linked with Southern Water Sewers	Southern Water
Watercourses	Main River	Known fluvial issues associated Coult Stream, Lesser Teise, River Beult, River Medway and River Teise.	Environment Agency
Watercourses, drains and ditches	Non- Main River	Known fluvial issues associated with the ordinary watercourse but these may be linked to issues on Main Rivers	Kent County Council and Maidstone Borough Council
Watercourses, drains and ditches	Non- Main River	Known issues but again these may be linked to flooding on Main Rivers	Upper Medway IDB
Watercourses, drains and ditches	Non- Main River	There are issues.	Riparian

Flood risk

Receptor	Source	Pathway	Historic Evidence
A: Teston, Barming and West Farleigh	<p>Heavy rainfall resulting in surface water run off</p> <p>Surface Water with Blocked Drains/ Gullies</p> <p>Fluvial</p>	<p>Bow Hill, Maidstone Road, Teston; Tonbridge Road, Lower Road and Smiths Hill</p> <p>Medway, Swanton Stream</p> <p>FMfSW (deep) follows the line of the of the Medway</p>	<p>Regular flooding recorded on Tonbridge Road due to surface water run off and blockages in the highway drains.</p> <p>Reports describe the River Medway flooded Teston and Nettlestead in November 1960 and October 2000.</p> <p>There are issues described in Teston where runoff from the hills brings silt into the local ditches and watercourse causing blockages and flooding in the local area.</p> <p>In Nettlestead, the Swanton Stream discharges into the Medway. The EA have said that the culvert was resleeved which caused the capacity to be diminished.</p>
B: Coxheath and East Farleigh	<p>Heavy rainfall resulting in surface water run off</p> <p>Surface Water with Blocked Drains/ Gullies</p> <p>Fluvial</p>	<p>Lower Road, Amsbury Road, Hanover Road, Dean Street, Forge Lane, Heath Road, Vicarage Lane and Workhouse Lane</p> <p>Medway</p> <p>The FMfSW (deep) indicated Workhouse Lane as a flow route and ponding at isolated low spots within Coxheath.</p>	<p>Much of the surface water issues are located within Coxheath, are clustered within the vicinity of Workhouse Lane. These are reported to be caused by excess surface water and blockages, there is a potential risk to properties.</p> <p>Reports of the Medway flooding in 1960 and 2000</p>
C: Loose	<p>Heavy rainfall resulting in surface water run off and overloaded sewers</p> <p>Surface Water with Blocked Drains/ Gullies</p> <p>Fluvial</p> <p>Groundwater</p>	<p>Haste Hill Road, Heath Road, Linton Road and Pickering Street</p> <p>Unnamed Drain (Loose)</p> <p>Groundwater (The Quarries)</p> <p>Sewers (Linton Road)</p> <p>FMfSW (deep) highlights Forstall Road, Vale Road and Salts Lane as a flow routes which then joins with the line of watercourses in the area. There is isolated ponding described on Loose Hill.</p>	<p>There are records describing regular flooding of Heath Road and Linton Road</p> <p>Runoff from the hills brings silt into the local ditches and watercourse causing blockages and flooding in the local area. There have been records where flooding of a property was recorded due to a culvert being blocked by silt.</p> <p>A reservoir was constructed at Parkwood Farm which has caused some concern with the EA. EA described that flooding is from groundwater, surface water and fluvial sources. EA also described a recently built reservoir which has been controversial on the past. It protects 10 - 20 properties. Sediment is managed by the EA.</p> <p>Southern Water describe an incident on Linton Road in 2011.</p>

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<p>D: Nettlestead Green</p>	<p>Heavy rainfall resulting in surface water run off and overloaded sewers</p> <p>Surface Water with Blocked Drains/ Gullies</p> <p>Fluvial</p>	<p>Hampstead Lane, Kenward Road and Maidstone Road</p> <p>Sewer (Hampstead Lane and Kenward Road)</p> <p>Medway and the River Teise</p> <p>The flow routes indicated by the FMfSW (deep) follow the line of existing watercourses. However, there is ponding highlighted to the west of the railway embankment, particularly north of Nettlestead Green and at Yalding Station.</p>	<p>Deep flooding was recorded on Hampstead Lane in 2012. KCC Highways recorded that an overflowing cesspit flooded rural areas.</p> <p>Records describe fluvial flooding from the Medway in Oct-00, Sep-68, Nov-63, Oct-00, Dec-79 and Nov-60</p> <p>Southern Water records describe an overloaded pumping station on Kenward Road in 2009.</p>
<p>E: Yalding</p>	<p>Heavy rainfall resulting in surface water run off</p> <p>Surface Water with Blocked Drains/ Gullies</p> <p>Fluvial</p>	<p>Medway, River Beult and River Teise</p> <p>Yalding Hill, Vicarage Road, Benover Road, Forge Lane and Jarmons Lane.</p> <p>The flow routes indicated by the FMfSW (deep) follow the line of existing watercourses. Ponding is described at the Nook, Blunden Lane, Mount Avenue, Vicarage Road and across the High Street.</p>	<p>Records describe fluvial flooding from the Medway in Oct-00, Sep-68, Nov-63, Oct-00, Dec-79 (also the River Teise) and Nov-60.</p> <p>River Beult was recorded as flooding in Oct-00.</p> <p>UMIDB reported that the roads that have been affected in the past by surface water are Benover Road, Forge Lane and Jarmons Lane. On Benover Road dykes were described as being infilled prior to an event causing a large amount of standing water on the road. In 2009, Yalding Hill, West Street and Vicarage Road was flooded by surface water.</p>
<p>F: Hunton</p>	<p>Heavy rainfall resulting in surface water run off</p> <p>Surface Water with Blocked Drains/ Gullies</p> <p>Fluvial</p>	<p>East Street, Hunton, West Street and Hunton Road</p> <p>Medway</p> <p>Once again the FMfSW (deep) follows the channel of existing watercourses in the area. Grove Lane and High Street are identified as flow routes.</p>	<p>Medway flooded East Street in 2009 to an estimated depth of approximately 3-4 inches. East Road records regular surface water flooding, a property's curtilage has been affected in the past. In 2009 on Hunton Road surface water flooded the side of a garage.</p>
<p>G: Chainhurst</p>	<p>Heavy rainfall resulting in surface water run off</p> <p>Fluvial</p>	<p>Hunton Street</p> <p>River Beult and Lesser Teise</p>	<p>Chainhurst is vulnerable to flooding from the River Beult and Lesser Teise (Oct 60 and Nov 2000)</p> <p>In 2009 on Hunton Road surface water flooded the side of a garage.</p>
<p>H: Collier Street</p>	<p>Fluvial</p>	<p>River Medway, River Beult, River Teise and the Lesser Teise</p> <p>Collier Street, Green Lane and Haviker Street</p>	<p>The EA explained that Collier Street has flooding issues as they are situated on the confluence of a number of rivers (River Medway, River Beult, River Teise and the Lesser Teise). Residents of Collier Street have their own property protection level scheme. The last recorded dated event was in 2003. Haviker Street and Green Lane both flooded in 2008. Also residents of Haviker Street and Green Lane have built flood walls around their properties to prevent the ingress of flood waters.</p>
<p>G: Other</p>	<p>Heavy rainfall resulting overloaded sewers</p> <p>Fluvial</p>	<p>Gravelly Ways, Laddingford and Sheephurst Lane</p> <p>Sewers (Laddingford and Lees Road)</p>	<p>Southern Water reported an incident of hydraulic overload in 2010 in Laddingford and on Lees Road in 2011.</p> <p>Fluvial flooding reported on Lees Road and Sheephurst Lane.</p>

North



Legend

- A** Teston, Barming and West Farleigh
- B** Coxheath and East Farleigh
- C** Loose
- D** Nettlestead Green
- E** Yalding
- F** Hunton
- G** Chainhurst
- H** Collier Street

- Main Rivers
- IDB Maintained Watercourse
- Ordinary Watercourses
- Upper Medway IDB

Historic Flooding*

- Surface Water
- Surface Water with blocked drain/gully
- Sewer
- Groundwater
- Fluvial
- Other/ Unknown
- Tidal

* Where an entire road has been highlighted in the historic layer; this does not mean that all the road has flooded in the past but rather no specific location was identified in the records received.

Sewer Flooding Incidents**

Number of flood occurrences per postcode area

- 1 - 3
- 4 - 6
- 7 - 8 <

**Polygons only represent the postcode area and not the flood extent

Client:



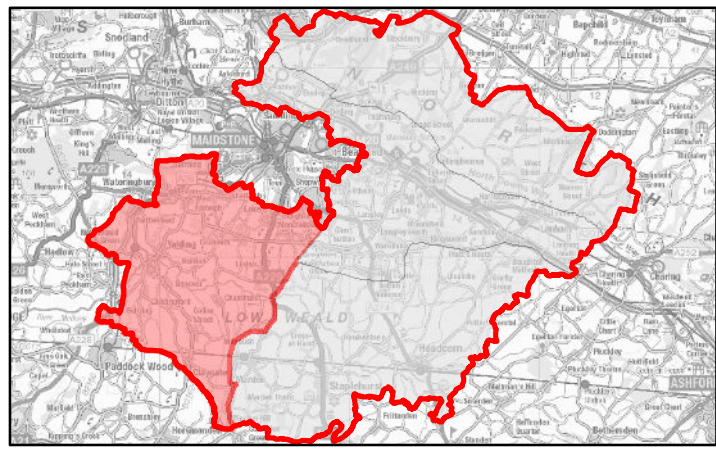
Consultant:



Partners:



Key Plan 1:400,000



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Scale 1:50,000

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Historical Flooding
 Maidstone Rural West
 DA03