

### B.3 DA03 - Tunbridge Wells Rural East

**Tunbridge Wells Stage 1 SWMP: Summary and Actions**  
**Drainage Area 03: Tunbridge Wells Rural East**

**Area overview**

**Area (km<sup>2</sup>)** 123

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer networks	Sewer (foul and surface water)	There are records of sewer flooding linked to Southern Water systems	Southern Water
Watercourses	Main River	Known fluvial issues associated with the Main Rivers	Environment Agency
Watercourses, drains and ditches	Non-Main River	Known fluvial issues associated with ordinary watercourses	Kent County Council and Tunbridge Wells Borough Council
Watercourses, drains and ditches	Non-Main River	Known issues in receptor areas: A, B & E	Upper Medway and Romney Marsh Internal Drainage Board
Watercourses, drains and ditches	Non-Main River	No specific known problems	Riparian

**Flood risk**

Receptor	Source	Pathway	Historic Evidence
<b>A: Frittenden</b>	Heavy rainfall resulting in surface water run off and overloaded sewers  Surface Water with Blocked Drains/ Gullies  Fluvial	Biddenden Road, Causton Road, Craybrook, Golford Road, Goudhurst Road, High Street, Cranbrook, Hovendens, Marden Road and Tenterden Road.  Sewers (Frittenden and Sand Lane)  IDB Drain  FMfSW (deep) shows minor ponding in this area, with the exception of Catherine Wheel.	Biddenden Road flooded in 2009 and 2012 due to surface water from blocked drains/ gullies.  Regular surface water flooding in Frittenden  Southern Water have recorded flooding on Sand Lane (2010) and Frittenden (2012).  The remaining roads have records of isolated incidents of surface water flooding  In 2008, Bubhurst Lane, KCC were advised that there was a problem with a culvert. Water was backing up into resident's property and outbuildings. There were requests for KCC to clear the culvert and/or pump the water out of the ditch.
<b>B: Cranbrook, Sissinghurst, Golford</b>	Heavy rainfall resulting in surface water run off and overloaded sewers .  Surface Water with Blocked Drains/ Gullies  Fluvial	Biddenden Road, Causton Road, Golford Road, Goudhurst Road, High Street, Hovendens, Marden Road and Tenterden Road  IDB Drain  Sewer (Causton Road)	Repeated flooding reported at Goudhurst Road from fluvial and surface water sources (2009, 2012).  Regular flooding described at Marden Road and Tenterden Road, these roads are described as a drainage hotspot.  Southern Water records describe flooding at Causton Road in 2009.  Regular flooding described at Golford Road

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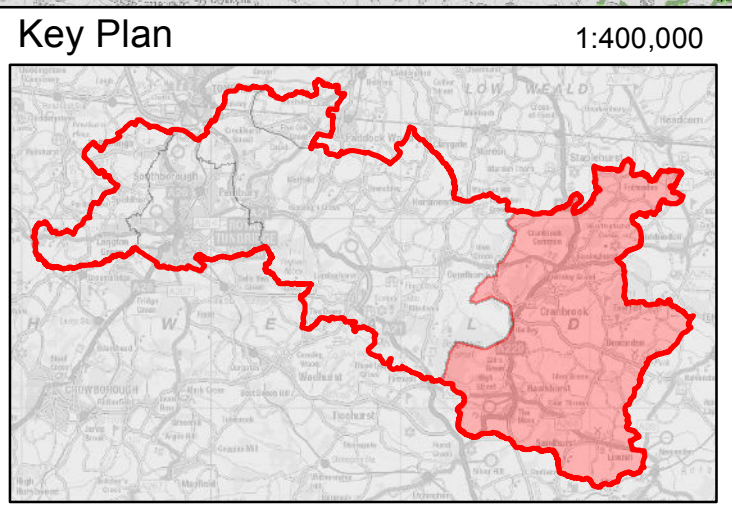
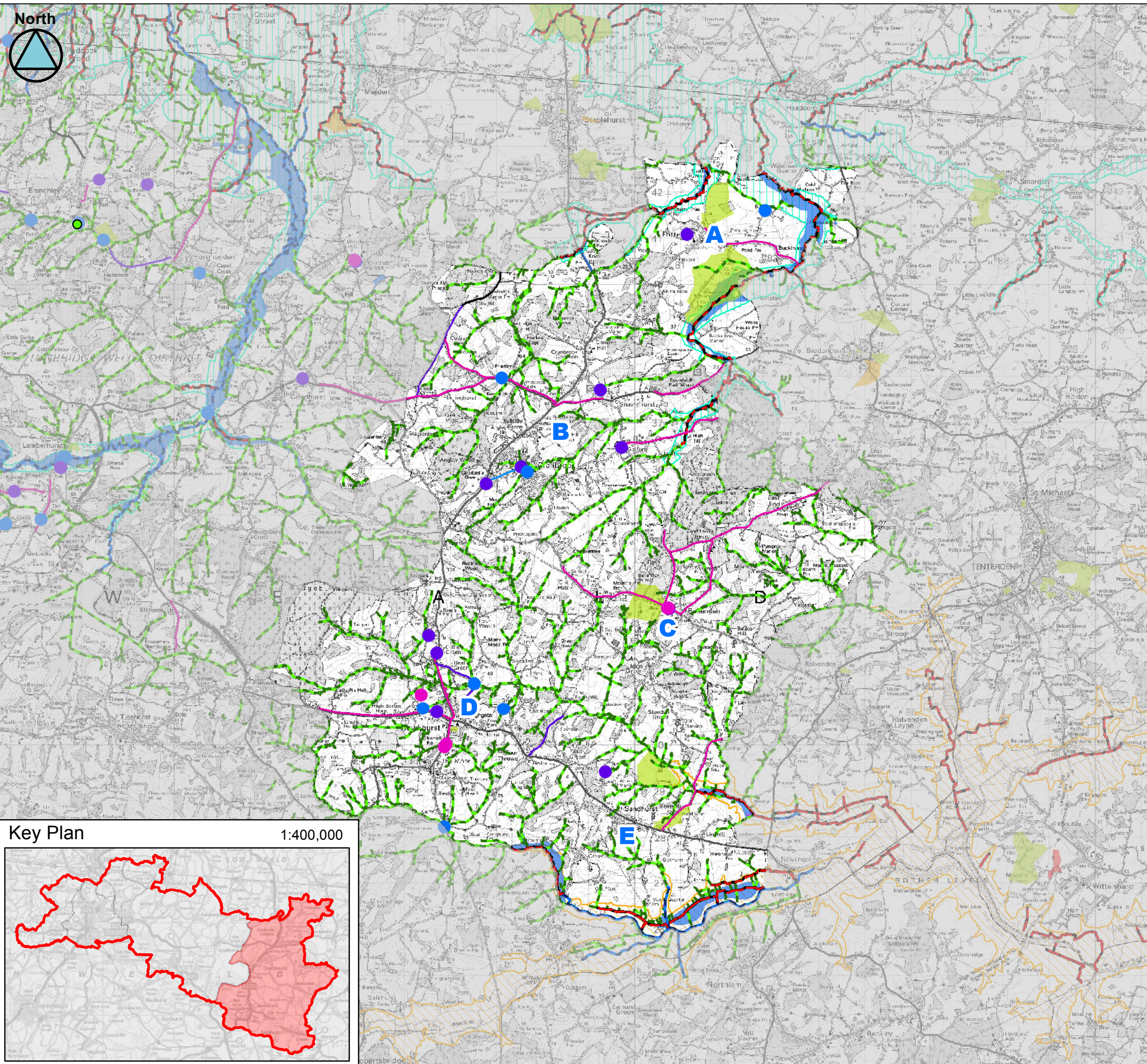
<p><b>C: Benenden</b></p>	<p>Heavy rainfall resulting in surface water run off and overloaded sewers</p> <p>Surface Water with Blocked Drains/ Gullies</p>	<p>Cranbrook Road, Goddards Green Road, New Pond Road The Street and Walkhurst Road</p> <p>Sewers (Cranbrook Road)</p> <p>There is a flow route which follows Crane Brook through the centre of Cranbrook. There is a large area of potential ponding across the north east section of the High Street, extending north west encompassing Rank Street, Ropewalk and a portion of Hendley Drive. Ponding is also indicated to impact on Cranbrook School.</p>	<p>Repeated flooding recorded at New Pond Road, Goddards Green Road and the Street. Goddards Green Road and New Pond Road are described as drainage hotspots.</p> <p>A combination of sources have affected Cranbrook Road in the past, sewer flooding in 2010 and 2012 and surface water in 2012.</p>
<p><b>D: Hawkhurst</b></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>Castle Terrace (Cranbrook Road), Gills Green, HeartenOak Road, HeartenOak Road High Street Highgate Hill, Moor Hill, O/S Lydgate, High Street, Hawkhurst, Oaklands Road, Slip Mill, Slip Mill Road and Whites Lane</p> <p>Sewers (Castle Terrace (Cranbrook Road) and Oaklands Road)</p> <p>The FMfSW (deep) follows the line of the watercourses.</p>	<p>Southern Water records flooding on Castle Terrace in 2009 and Oaklands Road in 2012.</p> <p>Regular flooding highlighted on Gills Green this road is also known as a drainage hotspot. HeartenOak Road has been described as being affected by both surface water flooding.</p> <p>In 2011, High Street was flooded and the surface water was flowing down the road and collecting in a driveway and flooding the carriageway. Reports state this regularly happens after prolonged rainfall. Surface Water with blocked gullies/drains affected Highgate Hill in 2010 and 2012. Basements were flooded at Moor Hill (2010) and High Street, Hawkhurst (2009) as a result of excess from surface water from blocked gullies/drains.</p> <p>EA described that Whites Lane is regularly affected by flooding.</p>
<p><b>E: Sandhurst</b></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>Crouch Lane; Hopemill Bridge, Sandhurst; Robertsbridge, Bodium, Sponden Lane</p> <p>IDB Drains</p> <p>Sewers (Crouch Lane)</p> <p>The FMfSW (deep) describes the flow routes that are similar to the route of the watercourses in the area.</p>	<p>Repeated flooding on Crouch Lane from blocked drains and gullies (2008) and from Southern Water sewers (2009).</p> <p>RMIDB recorded fluvial events affecting their drains in November 1986 at Northiam and Sandhurst.</p> <p>The EA recorded surface water flooding in December 2009 in Newenden, Robertsbridge Bodium and The Mill House, Peter's Green</p> <p>Flood waters overtopped the defences at Rother/Kent Ditch Bodium (December 1985).</p>

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<b>F: Other</b>	Heavy rainfall resulting in surface water run off	Colliers Green Road, Folly Hill and Foxhole Lane	<p>In 2009, flooding at Foxhole Lane was reported. Reports show that a couple of years prior to this event, ditches had been filled in at Sweet Meadow farm in order to prevent water from flowing onto their land. However, Foxhole Lane now floods when there is a downpour and causes flooding on Rye Road and results in dangerous driving conditions.</p> <p>Folly Hill in 2012 was cleared of flood waters by KCC Highways.</p> <p>In 2009, Colliers Green Road, flooded due to blocked pipework at the end of a ditch became causing a ditch to overflow onto carriageway</p>
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# Legend

A

Frittenden

B

Cranbrook, Sissinghurst, Golford

C

Benenden

D

Hawkhurst

E

Sandhurst

IDB Maintained Watercourse

Main River

Ordinary Watercourse

Upper Medway IDB

Romney Marsh IDB

## Historic Flooding \*

Surface Water

Surface Water with blocked gullies/drains

Sewer

Fluvial / Sewer

Groundwater

Fluvial

Tidal

Other/ Unknown

\* 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:**




**Kent County Council**  
kent.gov.uk

**Consultant:**




**JBA consulting**


**Partners:**




**UPPER MEDWAY**  
INTERNAL DRAINAGE BOARD




**Tunbridge Wells Borough Council**



**ROMNEY MARSH**  
INTERNAL DRAINAGE BOARD



**Environment Agency**



**Southern Water**

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**Scale 1:80,000**

# Tunbridge Wells Stage 1 SWMP

Historic Flooding

Tunbridge Wells Rural East

DA03