

B.2 DA02 Ashford Town

Ashford Stage 1 SWMP : Summary and Actions

Drainage Area 02 Ashford Town

Area overview

Area (km²) 55.2

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer Network	Sewer (combined, foul and surface water)	There are issues linked with Southern Water systems.	Southern Water
Watercourses	Main River	Known fluvial issues associated with the Great Stour, Kennington Stream, East Stour, Whitewater Dyke, Ruckinge Dyke and Aylesford Stream.	Environment Agency
Watercourses, drains and ditches	Non-Main River	Known fluvial issues associated with ordinary watercourses in Kennington, Godinton Park Worten, Bybrook, Stanhope and South Willesborough	Kent County Council and Ashford Borough Council
Watercourses, drains and ditches	Non-Main River	Known fluvial issues associated with IDB Drains	River Stour (Kent) IDB
Watercourses, drains and ditches	Non-Main River	No specific known problems	Riparian

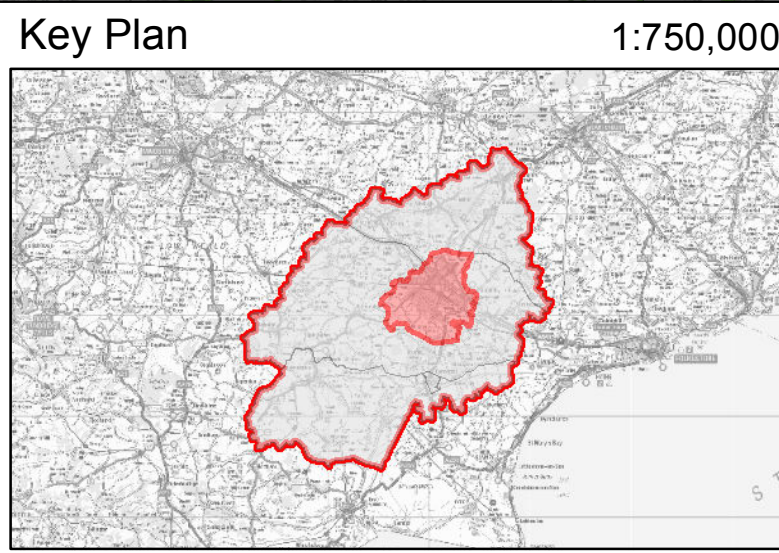
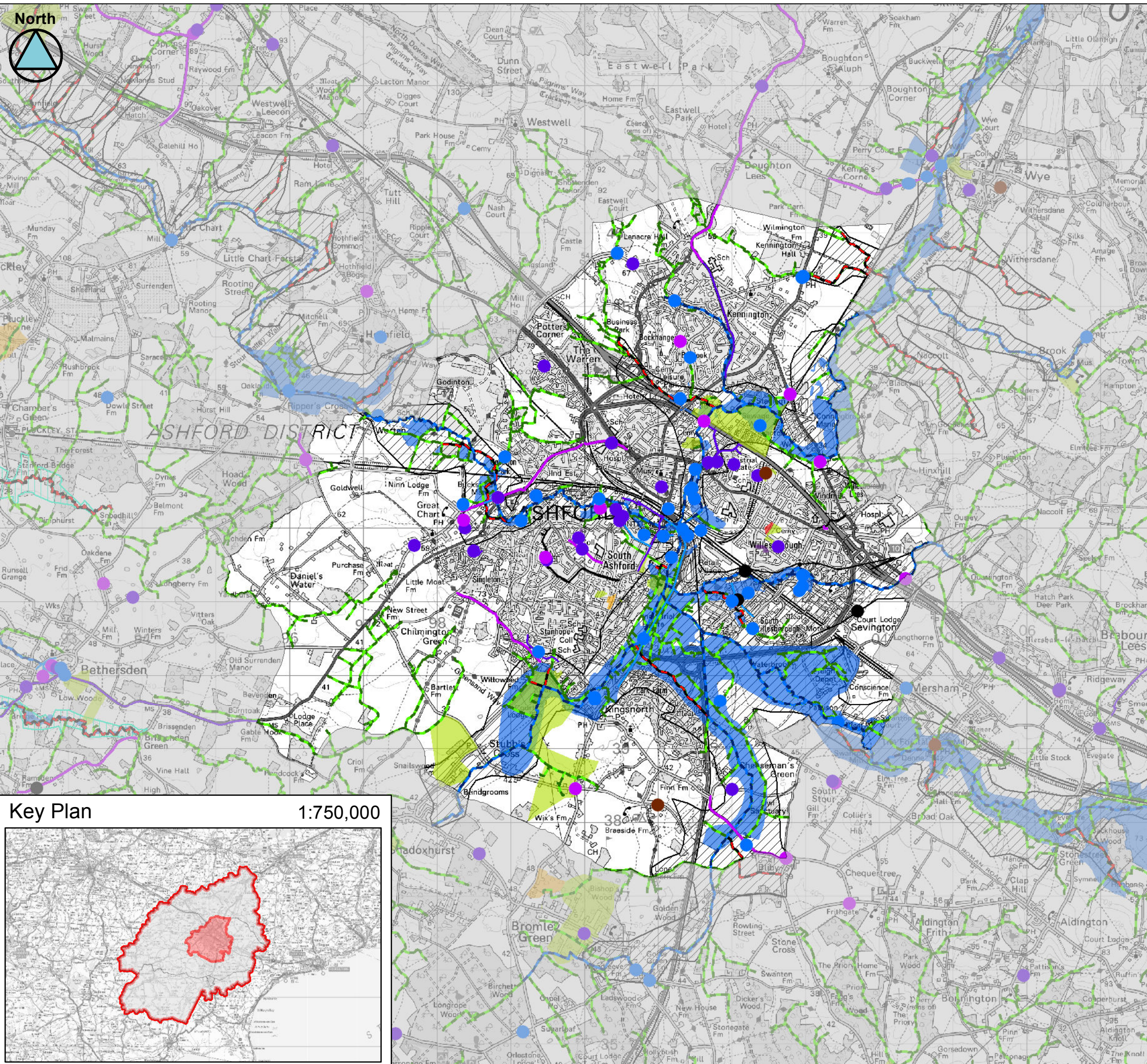
Flood risk

Receptor	Source	Pathway	Historic Evidence
A: Kennington, Bockhanger and Bybrook	<p>Heavy rainfall resulting in surface water run off and overloaded sewers</p> <p>Surface water (blocked drains / gullies)</p> <p>Fluvial</p>	<p>Southern Water sewers in the area around the STW</p> <p>Faversham Road, Sandyhurst Lane, Canterbury Road and Copperfield Close</p> <p>Main River, Ordinary Watercourses /drains and River Stour (Kent) IDB drains</p>	<p>There is historic evidence of risk from Southern Water networks. (2012)</p> <p>Historic evidence supporting all records of surface water flooding, but all appear to be isolated incidences occurring between 2008 - 2012, with one suggestion at Copperfield Close being related to blocked drains / gullies.</p> <p>Fluvial records include 1973, 2000 & 2008. No recent records of flooding on non Main River.</p>
B: Godinton Park, Lodge Wood and Barrow Hill	<p>Heavy rainfall resulting in surface water run off</p> <p>Fluvial</p>	<p>Blossom Lane, Chart Lane, Maidstone Road</p>	<p>Several reported incidences of surface water flooding, mainly affecting roads, aside from Blossom Lane where a property was affected (2009). More of an issue along Maidstone Road where reports of flooding have been recorded in 2009 an 2012.</p>

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C: Gore Hill and Willesborough	<p>Heavy rainfall resulting in surface water run off and overloaded sewers.</p> <p>Fluvial</p> <p>Surface water (blocked drains/gullies)</p>	<p>Sewers</p> <p>East Stour and Great Stour</p> <p>Henwood (Henwood Industrial Estate), Javelin Way, Mill Court Path, High Tree Close and Orion Way</p> <p>FMfSW (deep) follows the East Stour, Great Stour and Mill Court Path as a pathway. Ponding is indicated to occur at Henwood, Cradlebridge Drive, Willow Tree and Kennard Way</p>	<p>Isolated incident of surface water flooding at Ashford Library.</p> <p>Eight incidents recorded of both foul and combined sewer flooding.</p> <p>Incidents of surface water flooding at Henwood and Javelin Way. Records of recent surface water flooding at High Tree Close affecting a property.</p>
D: South Willesborough, Aylesford Green and Sevington	<p>Heavy rainfall resulting in surface water run off</p> <p>Fluvial</p>	<p>Aylesford Stream, Whitewater Dyke and East Stour.</p> <p>IDB Drain</p> <p>FMfSW (deep) follow the course of the watercourse, with some localised ponding, specifically east of the railway line at Aylesford.</p>	<p>Predominantly the evidence here suggest fluvial flooding from the Aylesford Stream, Whitewater Dyke and East Stour.</p>
E: South Ashford	<p>Heavy rainfall resulting in surface water run off and overloaded sewers.</p> <p>Fluvial</p> <p>Surface water (blocked drains/gullies)</p>	<p>Sewers</p> <p>Beaver Lane, Beaver Road, Christchurch Road, Harper Road, Jemmett Road, Maytham Road, Noakes Meadow, Oaktree Road, South Stour Avenue, Victoria Park and Victoria Road</p> <p>Great Stour and Whitewater Dyke</p> <p>FMfSW (deep) indicate localised ponding in the area.</p>	<p>Southern Water incidents recorded in 2008 to 2012.</p> <p>Beaver Road, South Stour Avenue and Victoria Park are described as drainage hotspots. Beaver Lane and Victoria Park records describe oil being discharged into drains and gullies resulting in blockages. Christchurch and Jemmett Road surface water affected gardens. Oaktree Road (1973) four properties were reportedly affected by surface water flooding. There is evidence of fluvial flooding from Environment Agency Main Rivers.</p> <p>Beaver Road, Essetford Road, Kingsnorth Road and Thomas Close sewer flooding affected the curtilage of properties.</p> <p>FMfSW (deep) describes isolated</p>
F: Singleton and Great Chart	<p>Heavy rainfall resulting in surface water run off.</p> <p>Fluvial</p> <p>Surface water (blocked drains/gullies)</p>	<p>Ashford Road, Bean Close, Beaver Lane, Chart Road, Reedmace Close and the Paddocks</p> <p>Great Stour, Singleton Lakes</p> <p>Unnamed drain (Cricket Grounds)</p> <p>FMfSW (deep) follows the watercourse. There is ponding indicated throughout the area.</p>	<p>Residents of Ashford Close requested sandbags, properties were affected by flooding. Along Bean Close, Reedmace Close and Beaver Lane the surface water incidents reported were recorded in Winter 2009. Drains at the Paddocks were described as blocked and causing flooding.</p>
G: Stanhope, Kingsnorth and Stubb's Cross	<p>Heavy rainfall resulting in surface water run off and overloaded sewers.</p> <p>Fluvial</p> <p>Surface water (blocked drains/gullies)</p>	<p>Whitewater Dyke, Ruckinge Dyke</p> <p>IDB Drains</p> <p>Sewers</p> <p>Brockmans Lane, Cheeseman's Green Lane and Magpie Hall Road</p> <p>FMfSW (deep) indicates a pathway on an unnamed drain along Blackthorn Way and then on to Sheepfold Lane. There is also a pathway indicated along the channel of the Whitewater Dyke. There are also areas of isolated ponding.</p>	<p>Southern Water incidents 2009, 2010 and 2012.</p> <p>Brookmans Lane is identified as a drainage hotspot. Residents of Cheeseman's Green Lane called to request sandbags (2012). Magpie Hall Road there are records of gullies and drains surcharging. In addition, sewer flooding was also recorded at Magpie Hall Road where flooding affected the curtilage of three properties were affected from an overloaded pumping station.</p>



Legend

A Kennington, Bockhanger and Bybrook
B Godinton Park, Lodge Wood and Barrow Hill
C Gore Hill and Willesborough
D South Willesborough, Aylesford Green and Sevington
E South Ashford
F Singleton and Great Chart
G Kingsnorth

— Main River
— IDB Maintained Watercourse
— Ordinary Watercourse

▨ River Stour (Kent) IDB
▨ Romney Marsh IDB
▨ Upper Medway IDB

Historic Flooding*

● Surface Water
● Surface Water with blocked gullies/drains
● 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: Kent County Council

Consultant: JBA consulting

Partners: Upper Medway Internal Drainage Board, Romney Marsh Internal Drainage Board, Environment Agency, Southern Water

ASHFORD BOROUGH COUNCIL **River Stour (Kent) Internal Drainage Board**

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Scale 1:50,000

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Historic Flooding
Ashford Town
DA02