

## B.5 DA05 Hamstreet

## Ashford Stage 1 SWMP : Summary and Actions

### Drainage Area 05 Hamstreet

#### Area overview

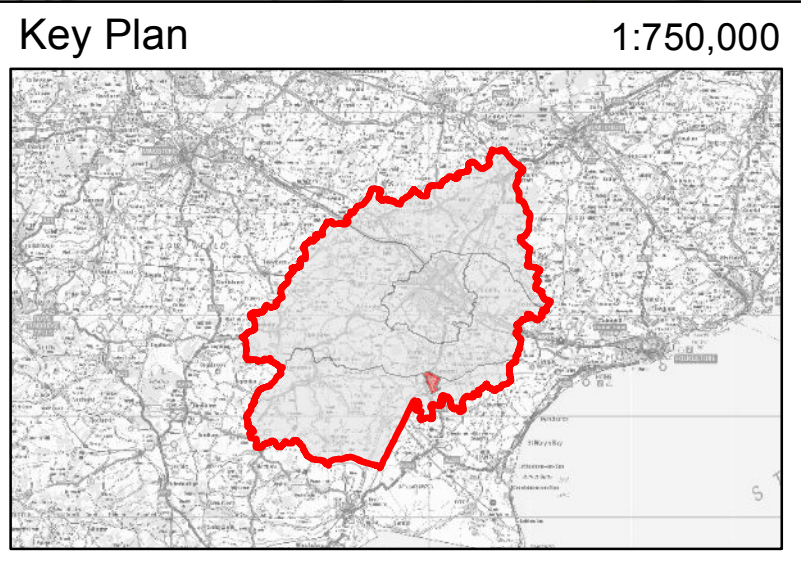
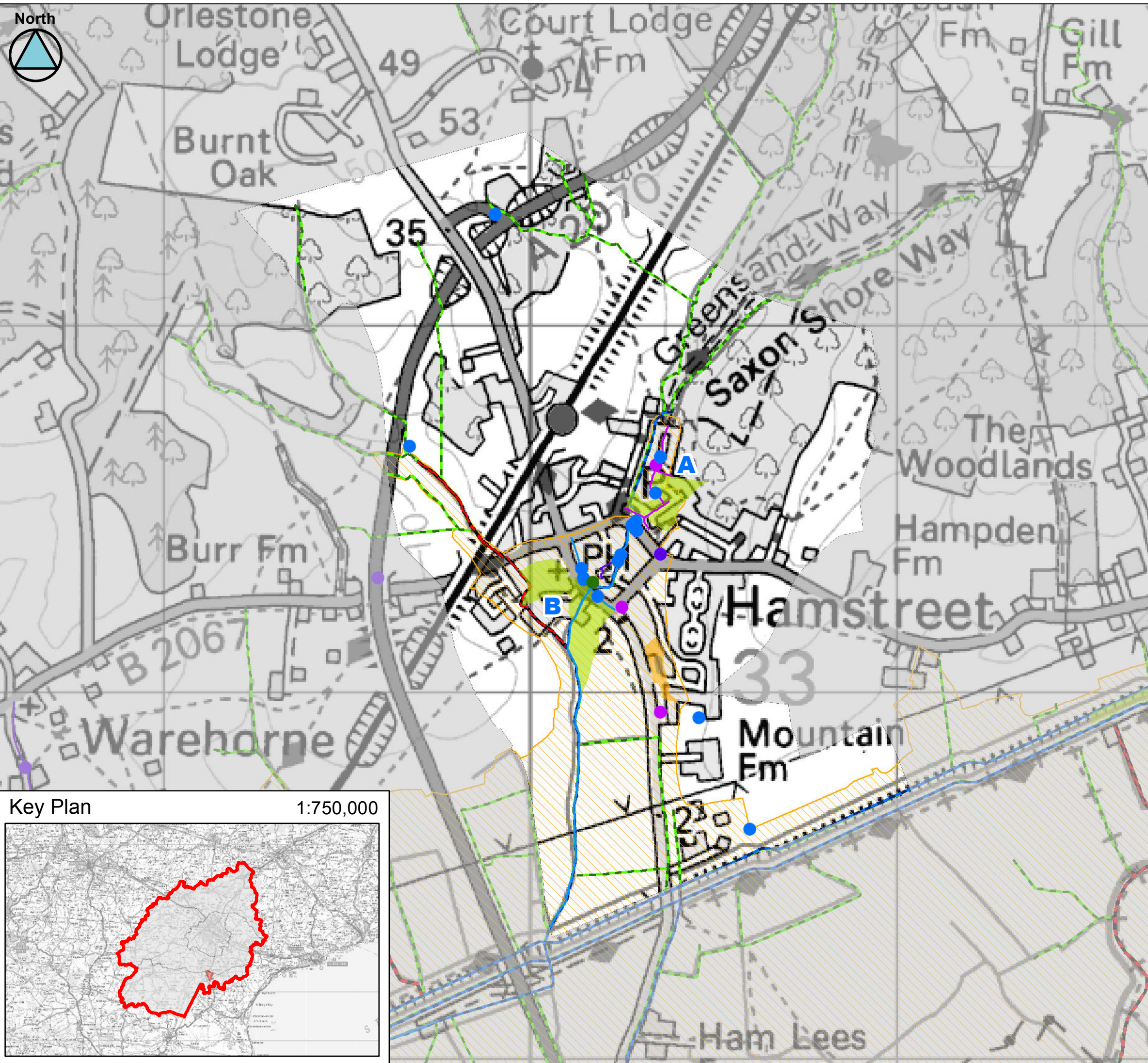
Area (km<sup>2</sup>) 2.1

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 with the Second Sperringbrook Sewer M28	Environment Agency
Watercourses, drains and ditches	Non- Main River	Known fluvial issues associated with the ordinary watercourse at Woodchurch Road and Rolvenden Station.	Kent County Council and Ashford Borough Council
Watercourses, drains and ditches	Non- Main River	Known fluvial issues associated with IDB Drains - Second Sperringbrook Sewer M28 and Bournemouth	Romney Marsh IDB
Watercourses, drains and ditches	Non- Main River	No specific known problems	Riparian

#### Flood risk

Receptor	Source	Pathway	Historic Evidence
<b>A: Hamstreet (north)</b>	<p>Heavy rainfall resulting in surface water run off and overloaded sewers.</p> <p>Surface water (blocked drains/gullies)</p> <p>Fluvial</p>	<p>Rucking Road and Bournemouth are flow paths for surface water.</p> <p>Sewers</p> <p>Sperringbrook Sewer</p> <p>FMfSW (deep) identifies the following roads as pathways Bourne Lane, Bournemouth, Cock Lane, Rucking Road and the Lane</p>	<p>Surface water flooded the road at Rucking Road (2010) and Bournemouth (2012).</p> <p>In 2010, there is a recorded incident of sewer flooding.</p> <p>The Second Sperringbrook Sewer overtopped at the upstream inlet to the culverted length under the road. This resulted in flooding of at least one house adjacent to the culvert. One property in Cock Lane also flooded.</p> <p>FMfSW (deep) correlates with historical surface water flooding in Bournemouth.</p>
<b>B: Hamstreet (south)</b>	<p>Heavy rainfall resulting in surface water run off and overloaded sewers.</p> <p>Surface water (blocked drains/gullies)</p> <p>Groundwater</p> <p>Fluvial</p>	<p>Bunkley Meadow, Cock Lane and Marsh Road</p> <p>Sewers</p> <p>2nd Sperringbrook Viaduct Arm (RMIDB Drain), Sperringbrook Sewer, Unnamed Drain</p> <p>FMfSW (deep) identifies the following as pathways Second Sperring Sewer, Cock Lane and Ham Street Footbal Grounds</p>	<p>Bunkley Meadow is described as a problem area - a watercourse and pumping station located here. There are recorded incidents of flooding from a local watercourse on the footpath, road and within the pumping station.</p> <p>In 2010, sewer flooding was caused by hydraulic overload and an overloaded pumping station, the curtilage of one property was affected.</p> <p>A blocked gully caused flooding to Cock Lane (2009) and Marsh Road (2010).</p>
<b>C: Other (isolated incidents in the area)</b>	<p>Fluvial</p>	<p>Woodchurch</p>	<p>A COW at Woodchurch unless maintained has been known to cause problems.</p>





### Legend

A

Hamstreet (north)

B

Hamstreet (south)

Main River

IDB Maintained Watercourse

Ordinary Watercourse

Upper Medway IDB

Romney Marsh IDB

River Stour (Kent) 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:





Consultant:





Partners:














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Scale 1:10,000

## Ashford Stage 1 SWMP

Historic Flooding  
Hamstreet  
DA05