

### B.3 DA03 Broadstairs

## Thanet Stage 1 SWMP : Summary and Actions

### Drainage Area 03

#### Area overview

Area (km<sup>2</sup>) 11.4

Drainage assets/systems	Type	Known Issues/problems	Responsibility
Sewer network	Sewers (combined, foul and surface water)	There are no known problems of surcharging across the drainage area.	Southern Water

#### Flood risk

Receptor	Source	Pathway	Historic Evidence
<b>A: Kingsgate Bay</b>	Heavy rainfall resulting in surface water run off	Kingsgate Bay Road is a known pathway for surface water flows.  Heavy rainfall may result in ponding on George Hill Road.  The FMfSW describe an overland flow route from George Hill Road south east of Kingsgate in a north easterly direction towards Kingsgate Bay Road.	There is historic evidence of surface water flooding on Kingsgate Bay Road,  FMfSW 200yr (deep)
<b>B: St Peter's (west)</b>	Heavy rainfall resulting in surface water run off and overloaded gullies	Dane Valley Road and Dane Court Road historically have been pathways to surface water flows  Gullies and drains  Surface water ponds in Hugin Avenue, Prince Charles Road and Westover Road.	There is historic evidence in this area.  FMfSW 200yr (deep)
<b>C: St Peter's (east)</b>	Heavy rainfall resulting in surface water run off and overloaded gullies.	Kent Highways gullies and drains  Anecdotal evidence suggest that St Peter's Road and High Street is a know pathway for surface water flows.  Ponding in Sowell Street adjacent to the Railway Bridge. There is a low spot south of the railway where Sowell Street becomes Baird Hill. Surface water ponding around Callis Court, Fig Tree Road, Cecilia Grove, Beacon Road, Catherine Way and Radley Close	There is historic evidence in this area.  FMfSW 200yr (deep)
<b>D: Broadstairs</b>	Heavy rainfall resulting in surface water run off and overloaded gullies	High Street, Broadstairs  Kent Highways gullies and drains  Surface water ponding in low spots of Bradstowe Way, Carlton Avenue, The Broadway, Broadstairs Allotment Gardens, Alexandra Road. Harbour Street, King Edwards Avenue, Queens Road, Oscar Road and West Cliff.	There is historic evidence in this area from KCC Highways.  FMfSW 200yr (deep)
<b>E: Rumpfield Road</b>	Heavy rainfall resulting in surface water run off	Ponding on Rumpfield Road and the Maples.	FMfSW 200yr (Deep)
<b>F: Fairfield, Bromstone &amp; Upton</b>	Heavy rainfall resulting in surface water run off and overloaded gullies/ drains	Fairfield Road and Green Lane are pathways for flows.  Kent Highways gullies and drains  Surface water ponding in low spots on Vale Road, Gladstone Road and Bromstone Road	There is historic evidence in this area from KCC Highways.  FMfSW 200yr (deep)

<b>G: Dumpton</b>	Heavy rainfall resulting on surface water run off	Surface water ponding on the railway line, Ramsgate Road, Salisbury Road, Colburn Road, Whyte Cliffs and Laleham Gap School.	FMfSW 200yr (deep)
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#### Summary of Location-specific Actions

Area of benefit	Location of action	Action	Action owner	Priority
St Peter's (west)	Belgrave Road	Include regular maintenance of improved soakaway	KCC and KCC Highways	Short term
Broadstairs	High Street	Consider use of green infrastructure or localised measures (kerbing, minor bunding, signage, fringe interception etc) in the upper catchment to improve management of surface water during intense rainfall.	KCC and KCC Highways	Short term





- Legend**
- Main River (EA) - open channel
  - - - Main River (EA) - culverted
  - Ordinary Watercourse - open channel
  - - - Ordinary Watercourse - culverted
  - Surface Water Sewer (Southern Water)
  - Combined Sewer (Southern Water)
  - Foul Sewer (Southern Water)

**Receptors**

- A** Kingsgate Bay
- B** St Peter's (west)
- C** St Peter's (east)
- D** Broadstairs
- E** Rumpfield Road
- F** Bromstone
- G** Dumps

**Client:**



**Partners:**



**Consultant:**



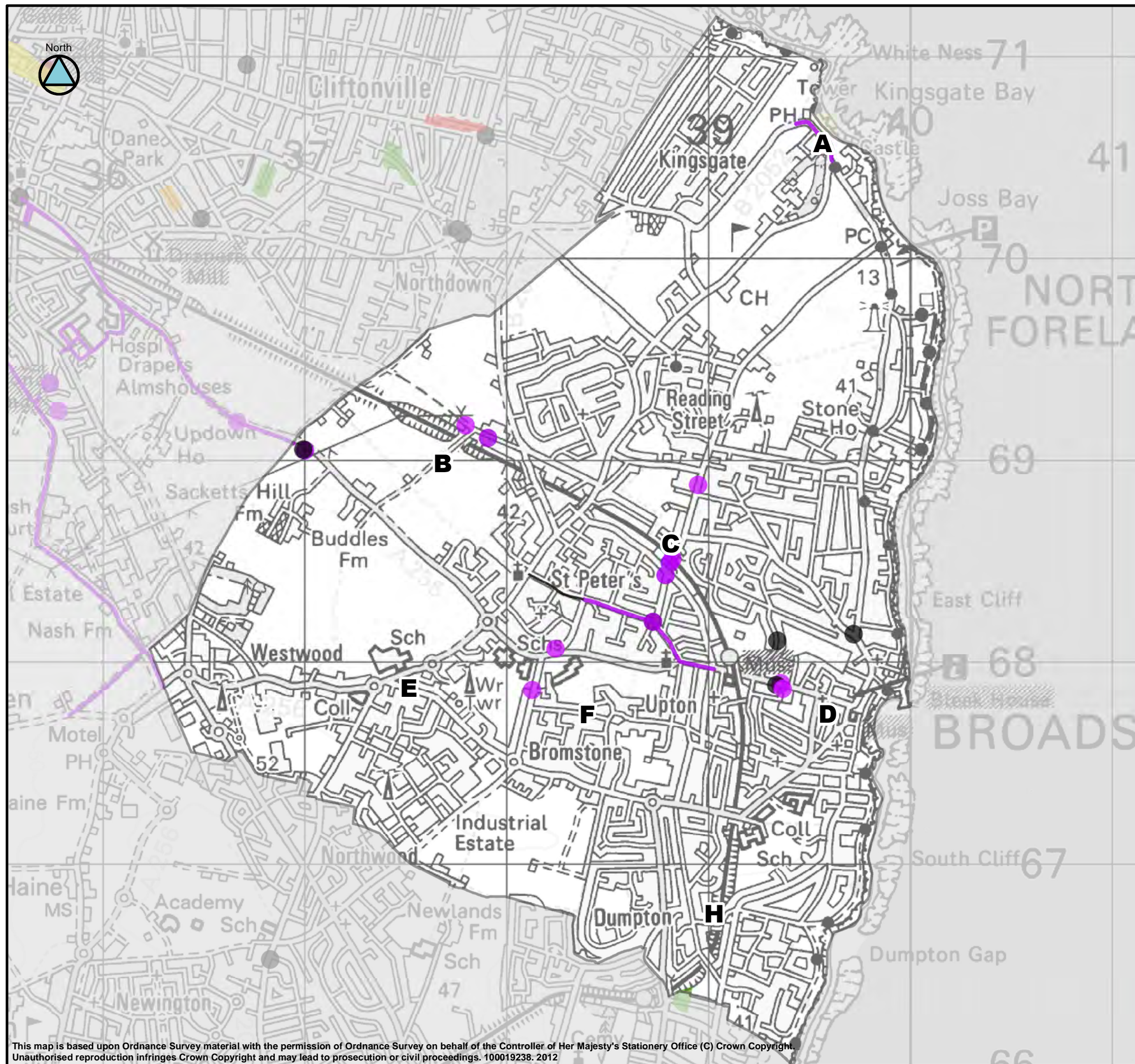
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**Thanet District SWMP  
Stage 1**

DA03 - Broadstairs  
Watercourses and Drainage Systems





## Legend

- ▶ Main River (EA) - open channel
- - -▶ Main River (EA) - culverted
- ▶ Ordinary Watercourse - open channel
- - -▶ Ordinary Watercourse - culverted

## Receptors

- A** Kingsgate Bay
- B** St Peter's (west)
- C** St Peter's (east)
- D** Broadstairs
- E** Rumpfield Road
- F** Bromstone
- H** Dumpton

## Historic Flooding (other RMAs)\*

- Other/Unknown
- Fluvial
- Groundwater
- Combined
- Surface Water
- Sewer
- 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 (Southern Water)\*\*

### Number of flood occurrences per postcode area

- 1 - 3
- 4 - 7
- >8

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

### Client:



### Partners:



### Consultant:



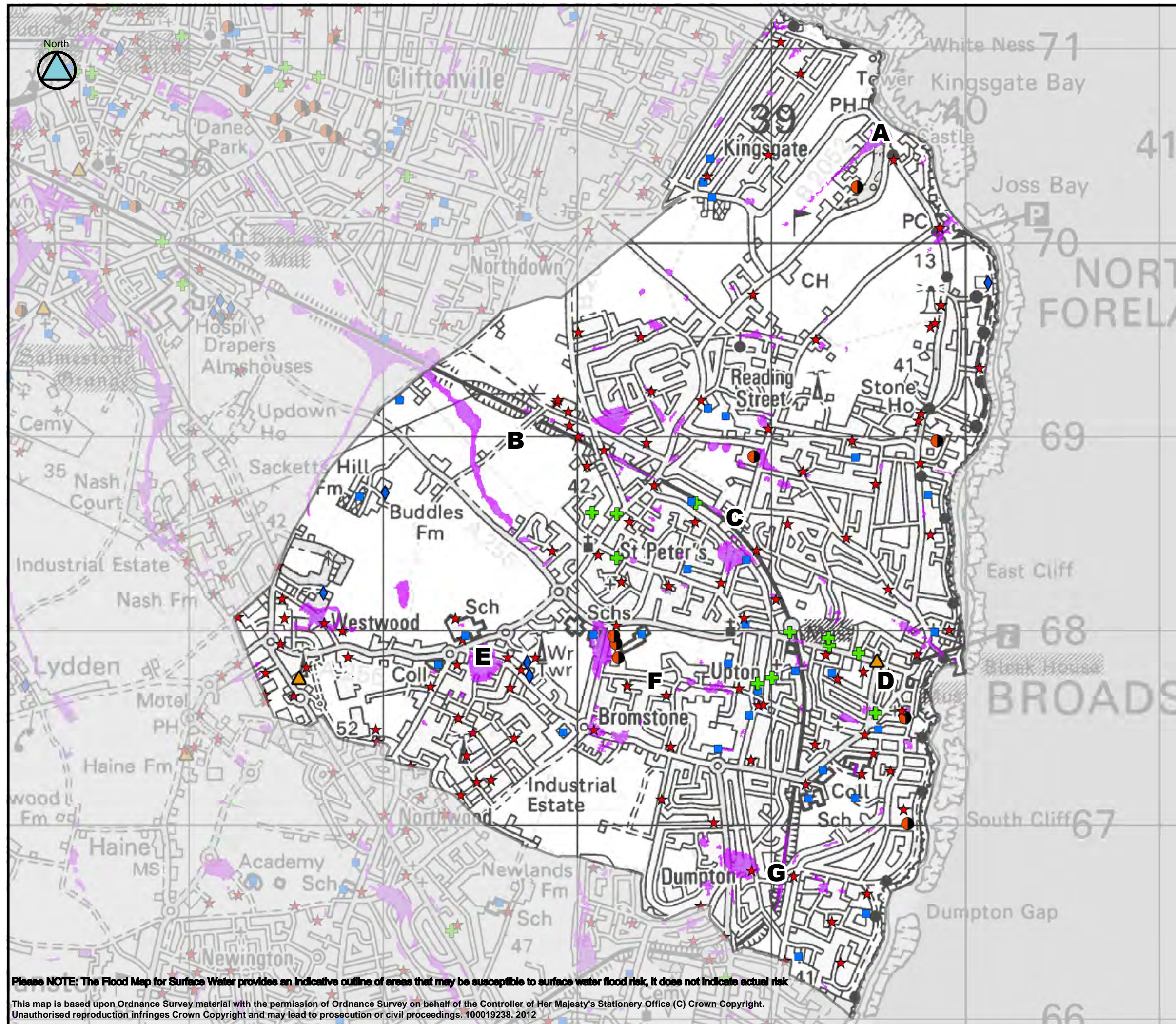
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## Thanet District SWMP Stage 1

DA03 - Broadstairs  
Historic Flooding





**Legend**

- Main River (EA) - open channel
- Main River (EA) - culverted
- Ordinary Watercourse - open channel
- Ordinary Watercourse - culverted
- Education
- Healthcare and Medical Services
- Emergency Services
- Nursing, Retirement and Rest Homes
- Water Utilities
- Electricity, Gas and Communications
- Military

**Receptors**


- A** Kingsgate Bay
- B** St Peter's (west)
- C** St Peter's (east)
- D** Broadstairs
- E** Rumpfield Road
- F** Bromstone
- G** Dumpton

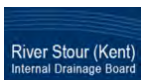



**FMfSW 1 in 200yr AEP**


- > 0.3m deep

**FMfSW 1 in 30yr AEP**

- > 0.3m deep

**Client:**

**Partners:**

**Consultant:**

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**Thanet District SWMP  
Stage 1**

DA03 - Broadstairs  
Surface Water and Critical Infrastructure

**Please NOTE: The Flood Map for Surface Water provides an Indicative outline of areas that may be susceptible to surface water flood risk, it does not indicate actual risk**

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