

## C Flood History Table

### C.1 DA01 - Dartford Town

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
A	2008	Burnham Road	Overloaded/ Blocked drain	Records show that 1 property was affected	Kent County Council	Records show that the garage of a property was flooded due to an overloaded drain
A	2009	Chesterfield Drive	Blocked drain	There are no records of properties being affected	Kent County Council	Roadway flooded due to blocked drains. Anecdotal evidence describes that the garage of a property had been flooded two weeks prior to this event.
A	2009	Halford Way	Blocked drain	Records show that a number of properties were affected	Kent County Council	Reports show that a number of blocked drains caused the roadway and a number of properties to flood
A	2008	Heathclose Avenue	Surface water	There are no records of properties being affected	Kent County Council	Records show that both lanes of the carriageway were flooded causing difficult driving conditions
A	Dates not provided	Knole Road	Surface water	There are no records of properties being affected	Dartford Borough Council	Surface water flooding
A	2009	Wilmot Road	Overloaded drain	Records show that 1 property was affected	Kent County Council	Reports suggest that a high amount of rainfall caused a drain to overflow. This then caused a property to flood.

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
A	Unknown	Priory Road	Surface Water	There are no records of properties being affected	Dartford Borough Council - Ken Follet	Priory Road was linked to the surface water pipe that outfalls to the River Darent. There is a lack of fall and capacity to the sewers that join at the back of properties. This has caused issues in the past.
A & B	Dates not provided	DA1 2	Surface water	One incident of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
A & B	Dates not provided	DA1 3	Surface water	Two incidents of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
A & B & C	2008	Princes Road	Blocked drain	There are no records of properties being affected	Kent County Council	Records show that the drains were blocked and this caused the road to flood with a reported depth of 6 inches
B	2009	Bulls Head Yard	Blocked drain	There are no records of properties being affected	Kent County Council	Reports that the power supply for a market was in danger of being flooded
B	2009	Central Road	Surface water	There are no records of properties being affected	Kent County Council	High levels of surface water caused the carriageway to flood
B	2009	Heath Street	Blocked drain	There are no records of properties being affected	Kent County Council	Reports that a number of drains in the area had become blocked.
B	2009	Highfield Road	Blocked drain	Records show that the curtilage of a property was flooded	Kent County Council	Records show that the water reached a depth of 8 inches. This flooded the driveway and was close to the front door of a property. Gel bags were issued to prevent flooding of the property.
B	2009	Home Gardens	Surface water	There are no records of properties being affected	Kent County Council	Records show that the subway was completely flooded and made access difficult for residents

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B	2009	Laburnum Avenue	Blocked drain	There is one recorded incident where flooding was within the curtilage of property.	Kent County Council	Reports that a blocked gully caused the driveway to flood and cause damage to the property wall
B	2009	Overy Street	Burst pipe	There are no records of properties being affected	Kent County Council	A burst water pipe caused the carriageway to flood to a reported depth of 7 to 8 inches. The water board were notified of this.
B	2009, 2010	Spring Vale	Surface water	Records show that the curtilage of a property was flooded	Kent County Council	2009 - Reports show that the road drains were cleaned however the roadway flooded after this due to torrential rain. DBC explained this may be due to an overloaded KCC Highways Pumping Station. Historical data shows that the carriageway and the driveway of a property flooded with a reported depth of over 1 ft.  2010 - Records show that the carriageway and pavement was flooded.
B & C & D	Dates not provided	DA1 1	Surface water	4 incidents of external flooding and 4 incidents of internal flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
C	Dates not provided	DA2 7	Surface water	6 incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
C	2008 (Surface Water, Blocked Drain) 2009 (Surface Water) 2010 (Surface Water)	Hawley Road	Blocked drain, Surface Water	Records show the curtilage of a property was flooded	Kent County Council	2008 - Reports show that a suspected blocked drain caused water to rise to kerb height and flooded the carriageway  2009 - Carriageway was flooded and reportedly is a regular occurrence  2010 - Records show that half of the carriageway and the driveway of a property was flooded

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
B	2009	Norman Road	Blocked drain	Records show that 1 property was affected	Kent County Council	Records show that the drains were blocked which caused the road to flood reportedly up to car door level. A property was also flooded.
D	2010	Fleet Road	Blocked drain	There are no records of properties being affected	Kent County Council	Records show that a blocked drain caused ponding on the carriageway and this caused damage to the road surface
D	2009 (Blocked Drain) 2010 (Surface Water)	Green Street Green Road	Surface water, Blocked Drain	There are no records of properties being affected	Kent County Council	Records show that the carriageway was flooded  Anecdotal evidence that oil or diesel was coming out of a drain and flowed down a driveway and that more rain caused more oil to flow from the drain
D	Dates not provided	Milestone Road	Surface water	There are no records of properties being affected	Dartford Borough Council (2004)	Surface water flooding
E	2010	Myrtle Place	Overloaded drain	Records show that 1 property was affected	Kent County Council	Records show that a heavy downpour caused the drains to overflow and water has flooded the garage and curtilage of a property
D	2009	Park Road, Dartford	Surface water	There are no records of properties being affected	Kent County Council	Inadequate carrier pipe
D	1990, 1991 (Sewer) 2010, 2011 (Surface Water)	Watling Street	Surface water	There are no records of properties being affected	Kent County Council	2010 - Carriageway outside the hospital was flooded and water has ponded in a dip in the roadway  2011 - Reports show that both sides of the road was flooded with a reported depth of 6 inches
D & E	Dates not provided (Soakaways) 1990, 1991 (Sewers)	Cotton Lane	Soakaways Sewers	There are records of properties being affected	Dartford Borough Council (2004) Thameswater	Existing soakaways are inefficient Overloaded foul sewer

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
E	Dates not provided	Church Hill	Surface water	There are no records of properties being affected	Dartford Borough Council (2004)	Surface water flooding
E	Dates not provided	DA2 8	Surface water	1 incident of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
E	Dates not provided	Hayes Road	Surface water	There are no records of properties being affected	Dartford Borough Council (2004)	Surface water flooding
E	2008, 2009 (Surface Water) 2010 (Blocked Drain)	Louvain Road	Surface water Blocked drain	Records show that the curtilage of a property was flooded	Kent County Council	2008 - Anecdotal evidence that the carriageway and the footpath had flooded and water had flooded the driveway of a property  2009 - Anecdotal evidence that the carriageway was flooded with a water depth of 1 ft and the flooded area was quite large  2010 - Records show that the carriageway was flooded due to a blocked drain and water had ponded in a dip in the roadway
E	2009	Oak Road	Surface Water	There are no records of properties being affected	Kent County Council	Records suggest there was much surface water on the road.
E	Dates not provided	Tollgate Road	Surface water	There are no records of properties being affected	Dartford Borough Council (2004)	Surface water flooding
E & F	Dates not provided	DA2 6	Surface water	2 incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
E & F	Dates not provided	DA9 9	Surface water	2 incidents of external flooding and 1 incident of internal flooding.	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
E & F & G	1953	Dartford / Swanscombe	Tidal	Approximately 1300 properties based on the GIS files provided by the EA historic outlines and NRD	Environment Agency	Flooding from breaching of defences. Agriculture and livestock losses. Information from EA Flood Report, MAFF Reports and websites. Flood Outlines from cabinet maps and Thames Region outline (Ministry of Housing maps from RAF aerial photography).
E & F & G	2008 (Surface Water, Blocked Drain) 2009 (Blocked Drain, Surface Water), 2010 (Surface Water) 2011 (Burst Water Main)	London Road	Blocked drains  Surface water  Burst pipe	A number of properties were affected by flooding          There are no records of properties being affected	Kent County Council	2008 - A blocked drain caused the carriageway to flood to a depth of 6-8 inches and also reportedly flooded a store and 3 further properties. Also a broken drain cover was reported. Signage was also requested for the flooded roadway.  2009 - Carriageway severely flooded with a reported depth of 1 1/2 ft. Records show a blocked drain caused water to flood the roadway. Anecdotal evidence that traffic had to mount the pavement to avoid the standing water. Records show that a manhole cover was displaced by the water on the carriageway and was a danger to passing traffic  2010 - Records show that the carriageway was flooded which caused cars to drive on the pavement.  2011 - Reports show that a burst main caused the carriageway to flood
F	2011	Ingress Park Avenue	Blocked gully	There are no records of properties being affected	Kent County Council	Carriageway was reportedly flooded to a depth of 1 ft for a distance of 20 ft along the carriageway
F	2008	Smuggler's Walk	Sewer	One incident of flooding recorded within the curtilage of a property.	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
F	2009	Woodland Way	Overflowing manhole	There are no records of properties being affected	Kent County Council	Records show that Thameswater attended an overflowing manhole however it was not one of theirs. Foul water was flowing from the manhole.
G	2009	Bushfield Walk	Surface water	Records show that 1 property was affected	Kent County Council	Records indicate that heavy rainfall caused a house to flood
G	2009 (Blocked Drain, Surface Water and Burst Pipe) 2010 (Surface Water)	Craylands Lane	Blocked drain  Surface water  Burst pipe	There are no records of properties being affected	Kent County Council	<p>Surface Water (2009) - This was a recurring problem in 2009 (9 incidents recorded), records describe depths of 1 to 1.5 ft, causing dangerous driving conditions.</p> <p>Blocked Drain/Gully (2009) - Anecdotal evidence suggests this is a recurring problem.</p> <p>Burst Water Main (2009) Separate incident of flooding on the carriageway was possibly caused by a burst pipe with an estimated water depth of 1 ft.</p> <p>Surface Water (2010) - Carriageway flooded</p>
G	2009, 2011	Manor Way	Surface water	Records show that the curtilage of a number of properties were affected	Kent County Council	<p>2009 - Heavy rainfall flooded the carriageway and the premises of a company despite the installation of new drainage. Also reports of drains not draining away and this caused flooding with a reported water depth of 1 ft.</p> <p>2011 - The carriageway was flooded for 30 - 40 m with a max depth of 2 ft and a min depth of 1 ft. This was reportedly because there were no drains in the area. Anecdotal evidence that floodwater collected outside a business premises.</p>

Receptor	Date (Month/ Year)	Location (Area/Road/ Street etc)	Source	No. of properties affected	Source of report	Comments
G	2008, 2009	Milton Road	Surface water & Blocked Outfall	There are no records of properties being affected	Kent County Council & Dartford Borough Council	<p>DBC explained the problem was due to a blocked outfall</p> <p>2008 - The carriageway was flooded and water was gushing down the street and this then turned to ice leading to dangerous driving conditions</p> <p>2009 - Records show that the carriageway was flooded which caused traffic disruption</p>
G	2011	Milton Street	Surface water	There are no records of properties being affected	Kent County Council	A 40 m stretch of the carriageway was flooded with a water depth of approximately 2 ft. Separate incident with a reported water depth of 3 ft which spread across the entire carriageway
G	2009	Park Road, Swancombe	Sewer	There is one recorded incident where flooding was within the curtilage of property	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
G	2008 (Sewer) 2009 (Surface Water and Blocked Drain) 2010 (Surface Water) 2012 (Blocked Drain and Burst Water Main)	Southfleet Road	Surface water Blocked drain Burst pipe Sewer	<p>Sewer - There is one recorded incident where flooding was within the curtilage of property</p> <p>There are no records of properties being affected by other sources of flooding</p>	Kent County Council	<p>Sewers (2008) - Hydraulic overload</p> <p>Surface water (2009) - Reports show that the carriageway was susceptible to flooding. The roadway was reportedly covered by 1 ft of water and was deemed to be hazardous to motorists.</p> <p>Blocked Drain (2009) Records also show that the carriageway was flooded due to a blocked drain despite work undertaken in the area.</p> <p>Surface Water (2010) - Anecdotal evidence that the carriageway was flooded with a water depth of 10 inches and a length of 10m</p> <p>Blocked Drain &amp; Burst Water Main (2012) - Reports indicate that a blocked drain and a burst pipe caused the carriageway to flood</p>



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G	2008, 2009	Stanhope Road	Blocked drains	There are no records of properties being affected	Kent County Council	<p>2008 - Anecdotal evidence that the road is liable to flooding and it was requested that the drains be cleared because of this.</p> <p>2009 - Records show that the carriageway was flooded due to a blocked drain and a resident was stuck in their car because of the depth of water.</p>

## C.2 DA02 - Gravesend

Receptor	Date (Month, Year)	Location (Area, Road, Street etc)	Source	No. of properties affected	Source of report	Comments
C	2008	Brook Road	Surface water	Records show that 1 property was affected by flooding	Kent County Council - Highways	Anecdotal evidence describes that flood waters nearly entered a property
C	2011	Campbell Road	Surface water	Records show a number of properties were affected by flooding	Kent County Council - Highways	Anecdotal evidence report that since dropped kerbs were installed a cellar of a property has flooded the water and another occupied building was close to flooding.
D	2006, 2007	Central Avenue	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
H	2011	Cerne Road	Sewer	One incident was recorded where flooding was within the curtilage of a property	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
E	2010	Clarence Place	Surface water	Records show that 1 property was affected by flooding	Kent County Council - Highways	Anecdotal evidence describes that a flat was flooded due to a storm water drain which was overloaded due to heavy rainfall.
E	2010	Cobham Street	Burst water main	There are no records of properties being affected	Kent County Council - Highways	Records show that a burst water main caused street to flood.
C	2009	Covesfield	Blocked drains	Records show a number of properties were affected by flooding	Kent County Council - Highways	Reports show that the drains were blocked and this caused the manholes to overflow and flood areas around properties
A	2009	Crete Hall Road	Surface water	There are no records of properties being affected	Kent County Council - Highways	Highway records describe the road was flooded and the flood water was contaminated with slurry
E	2001	Crooked Lane	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded pumping station
E	2011	Darnley Road	Sewer	One incident was recorded where flooding was within the curtilage of a property	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded Sewer
A	1953	Botany Marshes	Tidal	< 180 properties based on GIS files provided by the EA, historic outlines and NRD	Environment Agency	Flooding from breaching of defences. Agriculture and livestock losses. Information from EA Flood Report, MAFF Reports and websites. Flood Outlines from cabinet maps and Thames Region outline (Ministry of Housing maps from RAF aerial photography).

Receptor	Date (Month, Year)	Location (Area, Road, Street etc)	Source	No. of properties affected	Source of report	Comments
I	1953	Dartford/ Swanscombe	Tidal	< 300 properties based on GIS files provided by the EA, historic outlines and NRD	Environment Agency	Flooding from breaching of defences. Agriculture and livestock losses. Information from EA Flood Report, MAFF Reports and websites. Flood Outlines from cabinet maps and Thames Region outline (Ministry of Housing maps from RAF aerial photography).
G	2009	East Milton Road	Burst water main	There are no records of properties being affected	Kent County Council - Highways	Records show that clear water leaked up through a drain and caused the pavement to flood
I	2010	DA122QB	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
A	2010	Factory Road	Surface water	There are no records of properties being affected	Kent County Council - Highways	Reports show that the entire carriageway was flooded and extended up to a children's day care centre
I	1999	Gerald Road	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
F	2008 (Blocked Drains) 2009 (Surface Water) 2011, 2012 (Blocked Drains)	Joy Road	Blocked drains, Surface Water	Records show that a number of properties were affected by flooding	Kent County Council - Highways	Blocked Drain (2008, 2009) - Anecdotal evidence that a property was flooded due to blocked drains.  Surface Water (2009) Historic evidence shows that this is a recurring problem, water is said to come down Park Road into Joy Road and straight into a property.  Blocked Drain (2011) - Reports show that a blocked drain flooded the carriageway and driveways of a number of properties.  Blocked Drain (2012) - Anecdotal evidence reports that due to blocked drains a property flooded. The depth of water was reported to be 6 cm.
B	2004	Laburnum Grove and Lime Avenue	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
F	1999, 2009	Milton Hall Road	Sewer	One incident was recorded where flooding was within the curtilage of a property	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
E	2008, 2009	Milton Road	Surface water	There are no records of properties being affected	Kent County Council - Highways	2008 - Reports describe the roadway was flooded and water flowed down the street.

Receptor	Date (Month, Year)	Location (Area, Road, Street etc)	Source	No. of properties affected	Source of report	Comments
						2009 - One lane of the carriageway was flooded
D	2009	Newton Abbot Road	Surface water	There are no records of properties being affected	Kent County Council - Highways	Reports show that water flooded the pavement.
D	2008, 2010	Orchard Avenue	Blocked drains	Records show that properties were affected by flooding	Kent County Council - Highways	2008 - Anecdotal evidence reports that a blocked drain caused a property to flood with a water depth of 7 inches.  2010 - A blocked drain caused a property to flood and this is reportedly a recurring problem
E	2009	Overcliffe	Blocked drains	There are no records of properties being affected	Kent County Council - Highways	A blocked drain caused the carriageway to flood
H	2008	Palmer Avenue	Drain	There are no records of properties being affected	Kent County Council - Highways	Records describe water flooding the carriageway and footway, its source was said to be from a water drain pipe.
F	1999	Park Avenue	Sewer	One incident was recorded where flooding was within the curtilage of a property	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded Sewers
D	2010	Pinnocks Avenue	Surface water	Records show that the curtilage of a number of properties were flooded	Kent County Council - Highways	Reports describe the carriageway was flooded. Flood waters were described as also affecting garages and gardens of properties
I	1999	Roehampton Close	Sewer	One incident was recorded where flooding was within the curtilage of a property	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
C	2010	Southfleet Road	Surface water	There are no records of properties being affected	Kent County Council - Highways	It was reported that the carriageway was flooded.
B	1994	St Botolph Road and A226	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
G	1997	St Hilda's Way	Sewer	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
C	2011	St Marks Avenue	Surface water	There are no records of properties being affected	Kent County Council - Highways	Records show that the carriageway was flooded.
A	2009 (Surface water) 2010 (Burst water main)	Stonebridge Road	Surface water  Burst water main	There are no records of properties being affected	Kent County Council - Highways	Surface water: Records show that the carriageway was flooded with a reported depth of 1 ft. The flood concealed a hole in the roadway.  Burst water main: Carriageway flooded due to a burst water pipe

Receptor	Date (Month, Year)	Location (Area, Road, Street etc)	Source	No. of properties affected	Source of report	Comments
G	2010	Suffolk Road	Sewer	One incident was recorded where flooding was within the curtilage of a property	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
B	1994	Thames Way	Sewer	Incident was recorded where flooding affected a cellar, garage and occupied building.	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload of foul system
E	1999	The Grove	Sewer	One incident of internal flooding recorded	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded Sewer
H	2009	Valley Drive	Blocked drains	Records show that a number of properties were affected by flooding	Kent County Council - Highways	Reports show that blocked drains caused the carriageway, a number of properties and vehicles to flood.
B	2004, 2005	Waterdales	Sewer	One incident was recorded where flooding was within the curtilage of a property (2004).	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload of foul system
F	1988, (Sewer) 2008 (Surface Water)	Whitehill Road, Gravesend	Sewer, Surface Water	Sewer - One incident where flooding affected a garage and a cellar of a property.  Blocked Drain - There are no records of properties being affected	Kent County Council - Highways  Southern Water hydraulic overload incidents (supplied 2012)	Sewer - Overloaded Sewer  Surface Water - Anecdotal evidence describes water coming out off the kerb stone where there is a crack resulting in much water on the road
D	2010	Wrotham Road	Sewer, Surface Water	There are no records of properties being affected	Southern Water hydraulic overload incidents (supplied 2012)  Kent County Council - Highways	Sewer - Hydraulic overload  Surface Water - The southbound carriageway was flooded leading to hazardous driving conditions

### C.3 DA03 - Gravesham Rural

Receptor	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source of report	Comments
A	2009	Bull Lane	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Carriageway flooded at the Church Street end
A	2010	Chequers Street	Surface Water	There are records of flooding at a number of properties, the number of properties was not specified	Kent County Council - Highways	Anecdotal evidence records snow melt draining down from the top village across the bridge and ponding on the bend. The water was thought to be 6 inches deep. There are records that water entered a number of properties due to passing vehicles
A	2011	Church Street	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Carriageway flooded
A	1953	Higham Marshes	Tidal	< 60 properties based on the GIS files provided by the EA, historic outlines and NRD	Environment Agency	Flooding from breaching of defences. Agriculture and livestock losses. Information from EA Flood Report, MAFF Reports and websites. Flood Outlines from cabinet maps and Thames Region outline (Ministry of Housing maps from RAF aerial photography).
A	2011	Lower Road, Shorne	Sewer	One incident of flooding recorded within a property's curtilage.	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded sewers
A & B	2007 (Sewer) 2010, 2011 (Surface Water)	School Lane	Sewer Surface Water	Sewer - There are no records of properties flooding  Surface Water - There are no records of properties flooding	Kent County Council - Highways  Southern Water hydraulic overload incidents (supplied 2012)	Surface Water - In 2009 there were problems with standing water. There was the added issue that a nearby pond was overflowing on to the carriageway.  In 2010, anecdotal evidence indicates that the volume of water on the road caused three inspection covers to lift and that the water was flowing down the hill.  Sewers - Overloaded Sewer
B	2008, 2009	Gravesend Road	Surface Water	There are no records of properties flooding	Kent County Council - Highways	There are repeated incidents of flooding along the carriageway causing dangerous driving conditions for traffic. Anecdotal records suggest water has reached 6 inches deep in past events.
B	2009	Hermitage Road	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Carriageway flooded - records suggest that water was deep and blocked the roadway
B	2000	High View	Sewer	One incident of flooding recorded within a property's curtilage.	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded sewers

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B	2002	St John's Road	Sewer	One incident of flooding recorded within a property's curtilage.	Southern Water hydraulic overload incidents (supplied 2012)	Overloaded sewers
B	2010	Wainscott Northern Bypass	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Records show that lane 1 was heavily flooded and required lane closure or a gully cleanser, while lane 2 was open with care
C	Dates not provided	Postcode Sector - DA3 7	Sewer	Two incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
C	2003	Wrotham Road, Instead Rise	Sewer	There are no records of properties flooding	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
D	2008	Melliker Lane	Blocked drain	There are no records of properties flooding	Kent County Council - Highways	Records describe several rain water gullies on Melliker Lane; in 2008 one was totally blocked. Water gushed down the and down driveways leaving a considerable amount of standing water on the road.
D	2009, 2011	Nurstead Church Lane	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Records suggest that the drains were blocked or a pipe burst resulting in the carriageway being flooded for a length of approximately 40 ft. The water level on the road was described as being below car door height. Reports state this water remained for 2 weeks.
D	2011	Pine Rise	Blocked drain	There are no records of properties flooding	Kent County Council - Highways	Water was described as bubbling up from the drain, flooding the carriageway and causing a manhole cover to rise, resulting in deep flood water across the carriageway.
D	2009, 2011	Wrotham Road, Meopham Station	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Repeated incidents of flooding following heavy rainfall have been recorded on Wrotham Road.
E	2008	Foxendown Lane	Blocked drain	There are no records of properties flooding	Kent County Council - Highways	Drain was visibly blocked
E	2009	Norwood Lane	Blocked drain	There are no records of properties flooding	Kent County Council - Highways	Records suggest that the carriageway was flooded due to a number of blocked gullies in the area with water flowing across the junction. Records also show that some mid road gullies in Norwood Lane that sprayed up into the air.
E	Dates not provided	Postcode Sector - DA3 8	Sewer	Two incidents of external flooding	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
E	2002	South Street	Sewer	One incident of flooding recorded within a	Southern Water hydraulic overload	Overloaded sewers

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				property's curtilage.	incidents (supplied 2012)	
E	1999	Wrotham Road, Meopham	Sewer	There are no records of properties flooding	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
F	2009	Chapman's Hill	Blocked drain	There are no records of properties flooding	Kent County Council - Highways	Anecdotal evidence suggests that the road flooded to a depth of 1ft - 2ft water due to the drains being blocked with sediment.
F	2008 (Surface Water) 2009 (Burst Water Main)	Harvel Road	Surface Water & Burst Water Main	There are no records of properties flooding	Kent County Council - Highways	Surface Water - Carriageway flooded across whole road. Records show a gully sucker was required to clear the blockage.  A suspected burst water main caused the carriageway to flood.
F	2009	White Post Lane	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Anecdotal evidence suggests that the depth of water on the road was 1 ft. It is reported that the water gathered at a dip in the road with a depth approximately 6-9 inches described.



## C.4 DA04 Dartford Rural

Receptor	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source of report	Comments
A	2009, 2012	Birchwood Road	Surface Water	Three properties are recorded as being affected	Kent County Council - Highways Dartford Borough Council	There is an issue with a lagoon that requires desilting. Flooding on Birchwood Road also has a knock on affect in Bexley; DBC describes flooding affects 3 properties in Bexley  2009 - Carriageway flooded due to surface water. The source of the flood was not clear.  2012 - Surface water flooded the garage of a property to a reported depth of 1.5 ft. Anecdotal evidence suggests that this is a recurring problem due to the tarmac level outside the property being too high after maintenance works.
A	Dates not provided	Postcode sector - BR8 7	Sewer	Two incidents of internal flooding and one incident of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
A	2009	Summerhouse Drive	Blocked Drain/ Surface Water	There are no records of properties flooding	Kent County Council - Highways	Records show the carriageway flooded, possibly due to a blocked drain. The resultant water froze over which caused a number of accidents on the roadway
A	2009	Fernheath Way	Blocked drain  Surface Water	There are no records of properties flooding  Records show 1 property damaged by flooding	Kent County Council - Highways	A large amount of plaster was poured down a drain which caused it to become blocked  A resident states that when the gully/drain at this location reaches capacity the overflow water goes into a property and floods the front and back gardens of the property.
A & B & C & D & E	Dates not provided	Postcode sector - DA2 7	Sewer	Six incidents of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
B	Dates not provided	Broad Lane	Surface Water	There are no records of properties flooding	Dartford Borough Council	Existing soakaway system inadequate, floods garden
B	2008 (Blocked drain), 2009 (Surface water and	Clayton Croft Road	Blocked drain  Surface Water	Incidents of flooding within the curtilage of a number of properties	Kent County Council - Highways Dartford Borough Council	Blocked Drain (2008) - Records show that the blocked drains and the large amounts of rainfall caused the pavement and carriageway to flood. Water also flowed down nearby driveways  Surface water (2009) - Anecdotal evidence that the flooding

Receptor	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source of report	Comments
	burst water main), 2011 (Surface water)		Burst water main			<p>forced residents to remain indoors due to the severity of the flooding</p> <p>Burst Water Main (2009) - Reports show that a water leak caused the carriageway to flood. A number of driveways were flooded.</p> <p>Surface water (2011) - Records show that the carriageway was flooded and water had also flooded a number of driveways</p> <p>DBC have highlighted that there is a recurring issue with a soakaway that does not work.</p>
B	2009	Common Lane	Surface Water	Records show 1 property damaged by flooding	Kent County Council - Highways	Records show that a number of overflowing highway drains caused the property to flood. Anecdotal evidence that this is a recurring problem.
C & D & E	Dates not provided	Postcode sector - DA4 9	Sewer	One incident of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
C & D	Dates not provided	Hawley Road	Surface Water	There are no records of properties flooding	Dartford Borough Council	Outfall from road to river under capacity
D	2009	Main Road	Surface Water, Blocked Gully, Water leak	Incidents of flooding within the curtilage of a property	Kent County Council - Highways	<p>Blocked Gully - A blocked gully caused the road to flood. Water has previously entered a property.</p> <p>Surface Water - Road flooded around Farningham Road Station, records describe mud has washing down from fields into all of the storm gullies in the area.</p> <p>Water leak - A leak was reported causing the road to flood.</p> <p>DBC describes that this is an on-going problem a land management issue and farming methods, residents are very aware of this and have policed the situation in the past by calling KCC Highways.</p>
F	2009 (Burst water main), 2010 (Blocked drains)	Highcross Road	Burst water main Blocked drains	<p>Burst Pipe - Incidents of flooding within the curtilage of a property</p> <p>Surface Water - There are no records of properties flooding</p>	Kent County Council - Highways	<p>Burst Pipe (2009) - Records show that a flooding was caused by a burst pipe; water collecting at a nearby property.</p> <p>Surface Water (2010) - A number of blocked drains caused water to flow down the road and subsequently froze causing dangerous driving conditions. Anecdotal evidence of an accident due to these conditions.</p>

Receptor	Date (Month/Year)	Location (Area/Road/Street etc)	Source	No. of properties affected	Source of report	Comments
F	2008	Whitehill Road	Blocked Drain	There are no records of properties flooding	Kent County Council - Highways	Records suggest that flooding was caused either by a blocked gully or due to the local topography which is described as being not steep enough to allow water to drain into a local pond.
F & G	Surface Water (2008)  Sewer (2000, 2009, 2011)	New Barn Road, Longfield	Surface Water, Sewer	Surface Water - There are no records of properties flooding  Sewer - There are two recorded incident of flooding within a curtilage of property	Kent County Council - Highways	Surface Water - Reports that the carriageway flooded due to excess surface water from the sprinklers at a nearby farm  Sewer - overloaded sewers
E & F	Dates not provided	Postcode sector - DA3 7	Sewer	Two incidents of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
E & F & G	2009, 2010	Green Street Green Road	Surface Water	There are no records of properties flooding	Kent County Council - Highways	Soakaways in this area are described as being inefficient Surface Water (2009) - The road was flooded to the level of the path, causing dangerous driving conditions. Surface Water (2010) - Records describe oil/ diesel discharging out of the drain and running down a properties drive.
E & F	Dates not provided	Postcode sector - DA2 8	Sewer	One incident of external flooding recorded	Thameswater hydraulic overload incidents (supplied 2012)	Hydraulic overload
F	2009	Postcode sector - DA3 7	Sewer	Two incidents of external flooding recorded	Southern Water hydraulic overload incidents (supplied 2012)	Hydraulic overload
F	2008, 2009 (Surface water), 2010 (Blocked drains)	Station Road	Surface Water  Blocked drains	There are no records of properties flooding	Kent County Council - Highways	2009 - Reports show that a ditch beside a highway was not deep enough and subsequently discharged into an adjacent pond which caused this to overflow.  Records show that oil entered a storm drain from the roadway which was being dealt with by KCC staff. Reports show a 300 yard spill of cooking oil which contaminated the water gullies.  Records show that the police reported a flooded carriageway.  2010 - A number of blocked gullies flooded the road.