ided the surface water in managed sustainably through use of a Sustainable Drainage Systems the additional foul only flows will have a negligible impact on existing sewer performance but where there are pre-existing capacity constraints additional capacity improvements may be requir

elling indicates capacity improvements are required such work will be phased to align with development occupancy with capacity improvement works will be funded by Severn Trent Water. However, whilst Severn Trent have a duty to provide additional capacity to accommodate planne minimise our customers' bills. Consequently to avoid potential inefficient investment we generally do not provided additional capacity until there is certainty that the development is due to commence. Where development proposals are likely to require additional capacity upgrades to ac elopers contact Severn Trent as early as possible to confirm flow rates and intended connection points. This will ensure provision of additional capacity can be planned into our investment programme to ensure development is not delayed.

sments using readily available information and have not been subjected to detailed hydraulic modelling

me	Settlement	Size (Ha)	Units	Sewage Treatment Works Catchment	Sewerage Comment		Potential impact on sewerage infrastructure	Surface water Comment	
					Known network constraints	Assumed connectivity		Outfall assumption	Surf
	Brimscombe and Thrupp		40	Stanley Downton STW	Development is on a brownfield site. There are 11 reported flooding incidences and 6 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. There is a CSO downstream which may be affected.	A sewer runs through the site and is the most likely connection point. It is a 450mm pipe.	Low Risk	There are no outfalls within the immediate vicinity of the site. There is a nearby watercourse (River Frome).	This is a brownfi managed on site surface water se
	Brimscombe and Thrupp		150	Stanley Downton STW	Development is on a brownfield site. There are 11 reported flooding incidences and 6 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. There is a CSO downstream which may be affected.	A sewer runs through the site and is the most likely connection point. It is a 450mm pipe.	Medium Risk	There are no outfalls within the immediate vicinity of the site. There is a nearby watercourse (River Frome).	This is a brownfi managed on site surface water se
	Brimscombe and Thrupp		40	Stanley Downton STW	Development is on a greenfield site. There are 8 reported flooding incidences and 1 pollution incident along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	A sewer runs through the site and is the most likely connection point. It is a 450mm pipe.	Low Risk	There are no outfalls within the immediate vicinity of the site. There is a nearby watercourse (River Frome).	This is a greenfie managed on site surface water se
oad	Minchinhampton		50	Stanley Downton STW	Development is on a greenfield site. There are 8 reported flooding incidences and 7 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	A sewer runs to the west of the site and is the most likely connection point. It is a 150mm pipe.	Low Risk	There are no outfalls within the immediate vicinity of the site. Additionally there is no watercourse nearby.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
oad	Minchinhampton		100	Stanley Downton STW	Development is on a greenfield site. There are 10 reported flooding incidences and 7 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	A sewer runs to the west of the site and is the most likely connection point. It is a 150mm pipe.	Medium Risk	There are no outfalls within the immediate vicinity of the site. Additionally there is no watercourse nearby.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
orth	Nailsworth		80	Stanley Downton STW	Development is mostly on a greenfield site. There are 8 reported flooding incidences and 4 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope for any capacity improvements.	A sewer runs to the north-east of the site and is the most likely connection point. It is a 150mm pipe.	Medium Risk	There are no outfalls within the immediate vicinity of the site. Additionally there is no watercourse nearby.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
oad / Nortonwood	Nailsworth		25	Stanley Downton STW	Development is on a greenfield site. There are 8 reported flooding incidences and 4 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope for any capacity improvements.	A sewer runs to the east of the site and is the most likely connection point. It is a 150mm pipe.	Low Risk	There are no outfalls within the immediate vicinity of the site. Additionally there is no watercourse nearby.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
	Nailsworth	1.5		Stanley Downton STW	Development is on a brownfield site (appears to be already developed and in use). There are 8 reported flooding incidences and 4 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope for any capacity improvements.	There is a sewer located to the south of the site and is the most likely connection point. It is a 375mm pipe.	Low Risk	There are no outfalls within the immediate vicinity of the site. There is a watercourse next to the development (Gatcombe Water).	This is a brownfi managed on site surface water se
	North Woodchester		54	Stanley Downton STW	Development is on a brownfield site. There are 4 reported flooding incidences and 3 reported pollution incidences downstream, but modelling will be required to assess the scope for any capacity improvements.	There is a sewer located to the east of the site and is the most likely connection point. It is a 750mm pipe.	Low Risk	There are no outfalls within the immediate vicinity of the site. There is a watercourse within the vinicity of the site (Nailsworth Stream).	This is a brownfi managed on site surface water se
s, Cheapside	Stroud		75	Stanley Downton STW	Development is on a greenfield site (currently a car park). There are 15 reported flooding incidences and 10 pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	There is a sewer located to the south of the site and is the most likely connection point. It is a 450mm pipe.	Medium Risk	There are no outfalls within the vicnity of this site. The Thames and Severn canal runs alongside the site.	This is a greenfie managed on site water sewers ne

rridor	Stroud		120	Stanley Downton STW	Development is on a brownfield site. There are 7 reported flooding incidences and 8 pollution incidences along the network to the treatment works. There is a large pumped CSO within the site with associated reported pollution incidents which may be adversly affected by any increase in flow.	There is a 900mm sewer located at the east end of the site which would be the likely connection point for the east side of the site, and a 750mm sewer at the west end of the site which would be the likely connection point for the west side of the site.	Medium Risk	There is a 600mm surface water sewer just to the west of the site which may be suitable for connecting the west side of the site. The development is sandwiched between the River Frome and the Stoudwater Navigation.	This is a brownfi managed by SuD the surface wate
	Kings Stanley		146	Stanley Downton STW	Development is on a brownfield site. There are no reported flooding incidences and 1 pollution incidences along the network to the treatment works. The pollution incident is associated with the CSO adjacent to the site which may be affected by the additional flows	A 225mm sewer passes through the site and is the most likely connection point, although there is also a 750mm trunk sewer just to the north which could be used if the 225mm is not suitable	Medium Risk	There is no outfall within the immediate vicinity of the site. There is a watercourse nearby (River Frome).	This is a brownfi managed by SuD within the vicinit
Primary	Kings Stanley		15	Stanley Downton STW					
ley Primary	Leonard Stanley		30	Stanley Downton STW	Development is on a greenfield site. There is 1 reported flooding incident and no reported pollution incidences along the network to the treatment works.	There is a sewer located to the south of the site. It is a 150mm pipe.	Low Risk	There is a 375mm surface water sewer located to the south of the site.	This is a greenfie managed by SuD within the vicinit
Lane	Stonehouse		10	Stanley Downton STW					
Street	Stonehouse		20	Stanley Downton STW					
nehouse	Stonehouse	5	500	Stanley Downton STW	There are no nearby sewers to connect to. The nearest sewer drains to a pumping station which may require capacity increase to accommodate these flows.There are no reported flooding incidences and 4 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	There are no sewers in the vicinity of this site. The site will most likely connect to a 225mm sewer in Oldends Lane Industrial Estate (Stroudwater Business Park). This drains to Stroudwater SPS.	High Risk	There are no surface water outfalls near the site. There is a watercourse to the south of the site.	This is a greenfie managed on site existing surface there is a nearby
nehouse	Stonehouse		150	Stanley Downton STW	Development is on a greenfield site. There are no reported flooding or pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	There is a pumping station located to the south of the site and this is the most likely connection point. This development will nearly double the population served by that pumping station and so will likely impact its performance.	Medium Risk	There are no outfalls within the immediate vicinity of the site. There is is a watercourse 100m south of the site.	This is a greenfie managed on site surface water se
	Stonehouse	10		Stanley Downton STW	There are no nearby sewers to connect to. The nearest sewer drains to a pumping station which may require capacity increase to accommodate these flows.There are no reported flooding incidences and 4 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	There are no sewers in the vicinity of this site. The site will most likely connect to a 300mm sewer in Oldends Lane Industrial Estate (Stroudwater Business Park). This drains to Stroudwater SPS.	High Risk	There are no surface water outfalls near the site. There are no nearby watercourses.	This is a greenfie managed on site surface water se no watercourses be connected int
	Stonehouse	18		Stanley Downton STW	There are no nearby sewers to connect to. The nearest sewer drains to a pumping station which may require capacity increase to accommodate these flows.There are no reported flooding incidences and 4 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements.	There are no sewers in the vicinity of this site. The site will most likely connect to a 300mm sewer in Oldends Lane Industrial Estate (Stroudwater Business Park). This drains to Stroudwater SPS.	High Risk	There are no surface water outfalls near the site. The River Frome runs along the south-west border of the site.	This is a greenfie managed on site surface water se
own House	Cam		15						
	Cam		40	Coaley STW	Development is on a greenfield site. There is 1 reported flooding incidence close to the site and no reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. There is currently a growth scheme being promoted in the area to accomodate the large amount of development in the area that is already planned and being built. This new potential site would affect that scheme.	Site is located in Cam. A sewer runs along the area of the site and is the most likely connection point. This is a 150mm pipe and is upstream of Box Road SPS which is already under capacity. The additional flows will contribute to flood risk in a known flooding location.	High Risk	There are no outfalls within the immediate vicinty of the site. There is no nearby watercourse.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
	Cam	1		Coaley STW	Development is on a greenfield site. There are 2 reported flooding incidences and 2 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. There is a CSO where the trunk sewers cross the River Cam which may experience increased spill frequency as a result of this development.	Site is located in Cam. Twin sewers run through the site and are the most likely connection point. One is a 525mm pipe, one is a 375 pipe.	Medium Risk	There are no outfalls within the immediate vicinty of the site. There is a watercourse to the east of the site (River Cam).	This is a greenfie managed on site to be no impact
	Cam		700	Coaley STW	Development is on a greenfield site. There are 2 reported flooding incidences and 2 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. There is a CSO where the trunk sewers cross the River Cam which may experience increased spill frequency as a result of this development.	Site is located in central Coaley. A sewer runs along the east of the site and is the most likely connection point. This is a 375mm pipe. Some parts of the site are closer to 150mm sewers but these would probably not be suitable for such a large development.	High Risk	There are no outfalls within the immediate vicinty of the site. There is no nearby watercourse.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
	Cam		180	Coaley STW	Development is on a greenfield site. There are 3 reported flooding incidences and 2 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. There is a CSO where the trunk sewers cross the River Cam which may experience increased spill frequency as a result of this development.	Site is located in Cam. A sewer runs along the west of the site and is the most likely connection point. This is a 525mm pipe.	Medium Risk	There are no outfalls within the immediate vicinty of the site. There is a watercourse to the west of the site (River Cam).	This is a greenfie managed on site to be no impact
Oak Drive,	Dursley		15						
	Dursley	1		Coaley STW	Development is on a greenfield site. There are no reported flooding	Site is in the centre of Dursley. A sewer to the north of the site is	Low Risk	There is a 225mm surface water sewer to the	This is a greenfie

e									discharge to. Sur connected into t
n	Hardwicke		750	Netheridge STW	Development is on a greenfield site. There are no reported flooding incidences and 3 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. The flows may affect a growth scheme currently being promoted in the Hardwicke area.	Site is to the south of Gloucester. A sewer to the west of the site is the most likely connection point. This connection will be into a 225mm diameter pipe.	Medium Risk	There are no surface water outfalls within the vicinity of the site. There is a watercourse to the south of the site but it may be too remote for most parts of the site.	This is a greenfie managed on site existing surface the nearby wate most of the site have to be conn
	Hardwicke		13	Netheridge STW	Development is on a greenfield site. There are no reported flooding incidences and 3 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. The small existing pumping station serving this area may need to be upgraded and the flows may affect a growth scheme currently being promoted in the Hardwicke area.	Site is to the south of Gloucester. A sewer runs through the site and is the most likely connection point will be into a 150mm pipe.	High Risk	There are no surface water outfalls within the vicinity of the site. There is a watercourse to the north of the site but it may be too remote for some parts of the site.	This is a greenfie managed on site existing surface the nearby wate all of the site so have to be conn
	Hardwicke		5	Netheridge STW	Development is on a greenfield site. There are no reported flooding incidences and 3 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity improvements. The small existing pumping station serving this area may need to be upgraded and the flows may affect a growth scheme currently being promoted in the Hardwicke area.	Site is to the south of Gloucester. A sewer runs through the site and is the most likely connection point will be into a 150mm pipe.	High Risk	There are no surface water outfalls within the vicinity of the site. There are also no watercourses within the vicinity of the site.	This is a greenfie managed on site existing surface addition to there discharge to. Sur connected into t
	Hardwicke		1500	Netheridge STW	Development is on a greenfield site. There are no reported flooding incidences and 1 reported pollution incidences along the network to the treatment works, but modelling will be required to assess the scope of any capacity requirements. There is currently a growth scheme being promoted in the area to accomodate the large amount of development in the area that is already planned and being built. This new potential site would affect that scheme.	Site is to the south of Gloucester. A 300mm sewer to the north of the site is the most likely connection point, although due to the size of the site some of flow may need to be connected in upstream of Pound Lane SPS to the south. Due to the large number of units being built, there may be inadequate capacity within the sewer system for the additinonal flows and capacity improvements may be needed.	High Risk	The site is likely to be connected to an existing surface water outfall to the north of the site. However, there is also a small watercourse through the site, and the Gloucester & Sharpness Canal runs to the north-west of the site.	This is a greenfie managed on site surface water se vicinity.
	Whaddon		4500	Netheridge STW	Development is on a greenfield site. There are 4 flooding incidences and 4 pollution incidences along the network to the treament works, but modelling will be required to assess the scope of the any capacity requirements.	Site is to the west of Whaddon. A sewer runs to the north of the development and is the most likley connection point, this will be into a 150mm pipe. Due to the large number of units being built, there may be inadequate capacity within the sewer system for the additional flows and capacity improvements may be needed.	High Risk	The site is likely to be connected to a water course that goes through the site and to a surface water outfall to the north of the site. which drains to another nearby brooke. Both brookes drain subsequently to the Gloucester & Sharpness canal.	This is a greenfie managed on site surface water se vicinity.
	Berkeley		120	Not in Severn Trent Region					
	Newton & Sharpness	7	300	Not in Severn Trent Region					
Wanswell	Newton & Sharpness		70	Not in Severn Trent Region					
town and	Newton & Sharpness	10	2400	Not in Severn Trent Region					
	Wisloe	5	1500	Coaley STW	This development stretches over a length of 2km and there are no nearby gravity sewers to connect to, but it is close to the sewage treatment works. It will require a new pumping station to pump the flows directly to the sewage treatment works.	There are no sewers in the vicinity of this site. The 'Low Risk' assigned to this site assumes connection to a new pumping station which will pump the flows directly to the sewage treatment works and therefore there will be no impact on the existing network.	Low Risk	There are no outfalls within the vicinity of the site.	This is a green be managed on no existing surf part of the site Cam, other par may have to be system.
d	Kingswood		50	Not in Severn Trent Region					
e	Kingswood		50	Not in Severn Trent Region					
y Berkeley	Wotton-under-Edge	3.5		Not in Severn Trent Region					
	Painswick		20						