

WONDERFUL ON TAP



Severn Trent Water Ltd

Regis Road
Wolverhampton
WV6 8RU

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net.dev.west@severntrent.co.uk

Contact: Sadeq Hadi

Your ref:

Our ref: 1008776

1st July 2021

James Little
Couch Consulting Engineers
The Old Forge
London Road
Sutton Coldfield
B75 6SH

Dear Mr Bodell

Proposed development for Dormitory Eradication Scheme @ grange Road, West Bromwich

I refer to your 'Development Enquiry Request' in respect of the above site. Please find enclosed the sewer records that are included in the fee together with the Supplementary Guidance Notes which refer to surface water disposal from development sites.

Public Sewers in Site – Required Protection

Due to a change in legislation on 1 October 2011, there may be former private sewers on the site which have transferred to the responsibility of Severn Trent Water Ltd, which are not shown on the statutory sewer records, but are located in your client's land. These sewers would also have protective strips that we will not allow to be built over. If such sewers are identified to be present on the site, please contact us for further guidance.

Foul Water Drainage

As noted on the sewer records there is a 225mm combined water sewer and 225mm foul water sewer in in Grange Road and Lombard Street. The foul flows from the proposed redevelopment should have no adverse effects upon the system. As such a direct foul water gravity connection into the aforementioned sewers will be suitable at any convenient point or by using existing private foul run if proved to be in good condition. Direct or indirect connection is subject to formal S106 sewer connection approval (see later).

Surface Water Drainage

If soakaways are proved to be unsuitable, a connection to the 150mm surface water sewer located within the verge of the site will be suitable with flows restricted to 5 l/s.

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New Connections

For any new connections (including the re-use of existing connections) to the public sewerage system, the developer will need to submit Section 106 application forms. Our New Connections department are responsible for handling all such enquiries and applications. To contact them for an application form and associated guidance notes please call 0800 7076600 or download from www.stwater.co.uk.

Please quote 1008776 in any future correspondence (including e-mails) with STW Limited. Please note that 'Development Enquiry' responses are only valid for 6 months from the date of this letter.

Yours sincerely



Sadeq Hadi
Asset Protection (Waste Water) West
Wholesale Production

SUPPLEMENTARY GUIDANCE NOTES
RELATING TO DISPOSAL OF
SURFACE WATER



Introduction

The purpose of this guidance note is to provide advice to applicants when completing the surface water drainage design for a new development, both for Greenfield and Brownfield sites. This does not affect foul drainage disposal which should be discussed with Severn Trent as early as possible to ensure additional flows can be accommodated without undue delay to the development.

Lead Local Flood Authority (LLFA) Consultation

Since April 2015, the LLFA have assumed the role of being a statutory consultee in the planning process for developments of 10 dwellings or more; or equivalent non-residential and/or mixed development. The LLFAs role is vital to ensure that surface water disposal on new development is adequately assessed so that the local planning authority can satisfy themselves that drainage proposals are satisfactory and to make sure, through the use of planning conditions or planning obligations, that there are clear arrangements in place for future maintenance of sustainable drainage systems (SuDS) over the lifetime of the development. This will also ensure surface water disposal aligns with local planning policies, flood risk strategies and national policies, such as the National Planning Policy Framework (NPPF).

It is strongly recommend that the LLFA are involved in early pre-application discussions when the development of a site is initially being considered. Pre-application discussions will help to ensure that SuDS are appropriately considered ahead of or as part of preliminary development layouts, and that they are fully integrated into the final development layout. Whilst Severn Trent are willing to advise on sewerage availability this does not negate the planning requirement relating to adequacy of SuDS on new development.

SuDS Hierarchy

Severn Trent is fully supportive of the fundamental SuDS principle that priority should be given to managing surface water as close to source as possible. In accordance with national standards and guidance a sequential series of checks should be undertaken to ensure the relevant SuDS features are being proposed whereby (in order of priority) rainwater re-use, infiltration to ground and controlled discharge to a water body are properly considered ahead of any controlled connection to a culverted watercourse/other drainage system or public surface water sewer.

A controlled connection to a public combined/foul sewer would only be considered under rare exceptional circumstances where all other options have been completely exhausted. Acceptance of surface water into a combined sewer is not only unsustainable because of the need to convey/treat rainwater but it also takes away existing capacity which could constraint the connection of foul flows on future development. It is also possible that connection of additional surface water flows will require capacity upgrades to the existing sewerage system which may delay development.

Connection to a Public Sewer

Whilst Severn Trent will be able to provide advice on potential public surface water sewer connection options, it is essential that a developer contacts the LLFA as early as possible to discuss surface water disposal as they will be able to provide guidance on surface water flood risk policy which may influence SuDS requirements. It is strongly recommended that LLFA discussions take place before contacting Severn Trent. Where the outcome of LLFA discussions concludes that a controlled discharge to the public sewerage system is the only viable option then Severn Trent would be pleased to discuss sewer connection options, satisfied that the LLFA have been consulted in line with their surface water management role and in their capacity as statutory consultee.

Evidence must be provided to demonstrate why the sequential SuDS checks have concluded that a connection to the public sewer is required. This must include a Site Investigation Report including percolation test data/graphs/calculations/results together with relevant correspondence with the LLFA.

Design Standards

Surface water disposal design should consider the interactions between the adoptable sewer design criteria based on a 30 year design storm (outlined in 'Sewers For Adoption') and the "Non-statutory technical standards for SuDS" requirement to restrict discharge from a site up to and including the 1 in 100 year critical storm event plus an allowance for climate change as required by the LLFA.

For Greenfield development, the peak runoff rate should never exceed the peak pre-development run-off rates/volumes for the same rainfall event irrespective of the design storm duration consistent with the national non-statutory technical standards. For developments which were previously developed (Brownfield), the peak runoff rate must be as close as reasonably practicable to the greenfield runoff rate from the development for the same rainfall event, but should never exceed the rate of discharge from the development prior to redevelopment again for the same rainfall event. This requirement to remove pre-development surface water discharges to the sewerage system will help remove capacity constraints and aid future development.

To establish the pre-development run-off rates a detailed existing drainage survey will be required indicating pipe locations including sizes and levels, impermeable area connectivity to each pipe and topographical information to support existing drainage assumptions. Photographs of the existing buildings and surface features should be provided and where necessary a CCTV sewer survey should be provided to support the drainage survey to demonstrate connectivity.

In line with 'Sewers for Adoption', the drainage system must be designed so that, unless an area is designated to hold and/or convey water as part of the design, flooding does not occur on any part of the site for a 1 in 30 year rainfall event. For higher storm return periods the drainage system must be designed so that, unless an area is designated to hold and/or convey water as part of the design, flooding does not occur during a 1 in 100 year rainfall event in any part of: a building (including a basement); or in any utility plant susceptible to water (e.g. pumping station, electricity substation, water booster station) within the development.

Small Developments

Whilst developments of fewer than 10 dwellings (or their equivalent) are excluded from the post April 2015 planning requirements the underlying principles regarding sustainable surface water management are still valid. The collective impacts of surface water discharges from smaller developments can have an adverse impact on flood risk, especially in smaller rural catchments where smaller sewerage systems are more susceptible to increases in surface water inflow. On small developments infiltration to ground and peak flow attenuation must be considered to mitigate flood risk in the community but where a sewer connection is envisaged then the developer is recommended to discuss surface water disposal options with Severn Trent as early as possible.

Contact

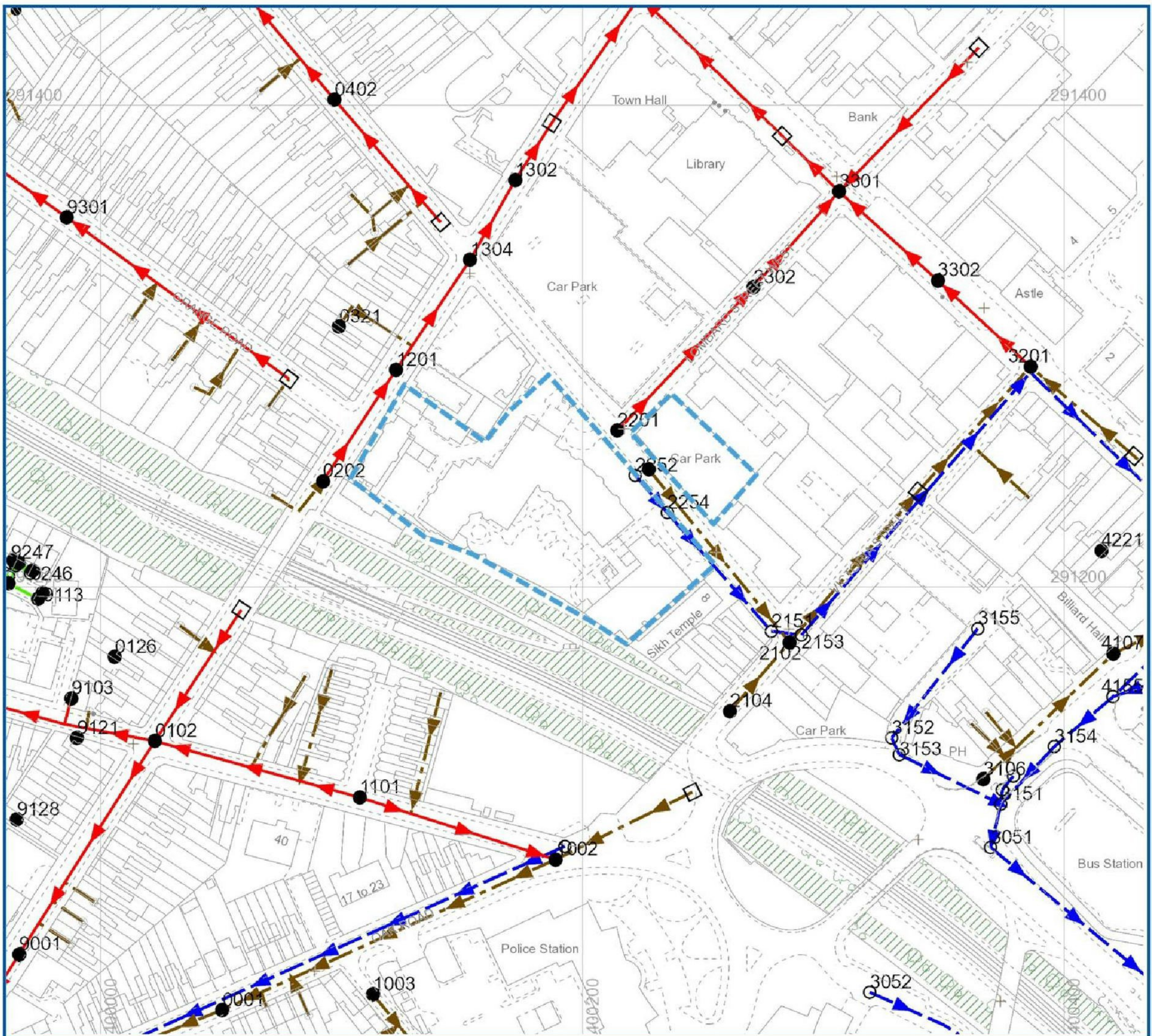
For further assistance please contact our Asset Protection teams via:

net.dev.west@severntrent.co.uk

(Birmingham & Black Country, Staffordshire, Shropshire, Worcestershire, Gloucestershire, Herefordshire, Powys)

net.dev.east@severntrent.co.uk

(Derbyshire, Leicestershire, Nottinghamshire, Warwickshire, Coventry)



LEGEND

<p>LandlinePoint</p> <ul style="list-style-type: none"> + Spot Height + Emergency Telephone + Site Of Heritage + Culvert + Positioned Nonconiferous Tree + Inland Water + Roadside + Overhead Construction + Rail + Positioned Coniferous Tree + Boundary Post Or Stone + Triangulation Point Or Pylon + Historic Interest + Landform + Tidal Water + Structure <p>LandlineTex</p> <p>LandlineLine</p> <ul style="list-style-type: none"> — Polygon Closing Line — Property Closing Line — Bottom Of Slope — Top Of Slope — Step — Mean High Water — Traffic Calming — Standard Gauge Track — Bottom Of Cliff — Top Of Cliff — Mean Low Water — Path — Overhead Construction — Culvert — Pylon — Ridge Or Rock Line — Narrow Gauge Track — Railway Buffer 	<p>— Tunnel Edge</p> <p>— Line Of Posts</p> <p>— Drain</p> <p>— Default Line</p> <p>— Building Outline</p> <p>— Edge Line</p> <p>— Road Or Track</p> <p>— Building Division</p> <p>— Inland Water Line</p> <p>— General Surface Natural Line</p> <p>— Building Overhead Line</p> <p>— Landform Natural Line</p> <p>— Historic Interest Line</p> <p>— Landform Manmade Line</p> <p>— Unclassified</p> <p>LandlineArea</p> <p>Other</p> <ul style="list-style-type: none"> Mixed Woodland Fill Nonconiferous Tree Fill Coniferous Tree Fill Orchard Fill Coppice Or Osier Fill Scrub Fill Boulders Fill Rock Fill Scree Fill Rough Grassland Fill Heath Fill Saltmarsh Fill Marsh Fill Reeds Fill Slope Fill Cliff Fill <p>Ancillary</p> <ul style="list-style-type: none"> ● Balancing Lagoon ● Grease Trap ● Interceptor 	<p>▣ Screen</p> <p>Chamber</p> <ul style="list-style-type: none"> ○ Flushing Chamber ○ Soakaway ▣ Overflow <p>Fitting</p> <ul style="list-style-type: none"> ■ Blind Shaft ▣ Facility Connector ○ Head Node ○ Lamphole ◆ Sewerage Air Valve — Sewerage Chemical Injection Point ○ Sewerage Hatch Box ● Sewerage Pressure Washout ■ Vent Column — Waste Water Curtil <p>Control Valve</p> <ul style="list-style-type: none"> — Hydrobrake — Penstock — Sewerage Isolation Valve ▲ Sewerage Non Return Valve <p>Manhole</p> <ul style="list-style-type: none"> ● Foul Bifurcation Manhole ● Combined Bifurcation Manhole ● Surface Water Bifurcation Manhole ○ Dual Manhole ● Foul Single Manhole ● Combined Single Manhole ● Surface Water Single Manhole ○ Twin Manhole ● Foul Adopted Manhole ● Combined Adopted Manhole ● Surface Adopted Manhole ● Transferred Manhole ● Unsurveyed Manhole 	<p>Waste Water Pump</p> <ul style="list-style-type: none"> ▲ S104 ▲ Transferred Asset ▲ S102 ▲ Null STW ▲ Adopted Sewer ▲ None ▲ Highway Drain ▲ Null Private ▲ S24 <p>Storage</p> <ul style="list-style-type: none"> ▣ Disposal Site ▣ Off-Line Waste Water Storage ▣ On-Line Waste Water Storage ▣ Wet Wall <p>Waste Water Process Structure</p> <ul style="list-style-type: none"> ▣ Sewerage Treatment Point ▣ Sewerage Treatment Structure ▣ Sludge Treatment Point ▣ Sludge Treatment Structure <p>Gravity Sewer Pipe</p> <ul style="list-style-type: none"> — Foul Gravity Sewer — Combined Gravity Sewer — Surface Water Gravity Sewer — S104 Surface Water Gravity Sewer — S104 Combined Gravity Sewer — S104 Foul Gravity Sewer — Private Surface Water Gravity Sewer — Private Combined Gravity Sewer — Private Foul Gravity Sewer — Surface Water Unserved Pipe — Combined Unserved Pipe — Foul Unserved Pipe — Transferred Surface Water Sewer — Transferred Combined Sewer — Transferred Foul Sewer
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Severn Trent Water Limited
SEVERN TRENT
 Asset Data Management
 PO Box 5344
 Coventry
 CV3 9FT
 Telephone: 0345 601 6616

SEWER RECORD

O/S Map Scale: 1:2,500 This map is centred upon:
 Date of Issue: 01-07-21 X: 400196.79 Y: 291227.33

- Disclaimer Statement:**
- 1 Do not scale off this Map.
 - 2 This plan and any information supplied with it is furnished as a general guide, is only valid at the date of issue and no warranty as to its correctness is given or implied. In particular this plan and any information shown on it must not be relied upon in the event of any development or works (including but not limited to excavations) in the vicinity of SEVERN TRENT WATER assets or for the purposes of determining the suitability of a point of connection to the sewerage or distribution systems.
 - 3 On 1 October 2011 most private sewers and private lateral drains in Severn Trent Water's sewerage area, which were connected to a public sewer as at 1 July 2011, Transferred to the ownership of Severn Trent Water and became public sewers and public lateral drains. A further transfer takes place on 1 October 2012. Private pumping stations, which form part of these sewers or lateral drains, will transfer to ownership of Severn Trent Water on or before 1 October 2016. Severn Trent Water does not possess complete records of these assets. These assets may not be displayed on the map.
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Sewer Node

Sewer Pipe Data

Reference	Cover Level	Invert Level Upstream	Invert Level Downstream	Purpose	Material	Pipe Shape	Max Size	Min Size	Gradient	Year Laid
SO99919429	0	0	0	F	<UNK>	<UNK>	0	0	0	31/12/1899 00:00:00
SO99919501	0	0	0	F	<UNK>	<UNK>	0	0	0	31/12/1899 00:00:00
SP00900951	163.5	161.94	161.13	S	VC	C	225	<UNK>	97.46	31/12/1899 00:00:00
SO99919301	166.35	163.44	159.08	C	VC	C	225	<UNK>	26.44	31/12/1899 00:00:00
SP00911003	165.08	<UNK>	159.08	F	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00911051	165.3999	164.21	<UNK>	S	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00911504	162.5599	154.91	154.33	F	VC	C	450	<UNK>	153.53	31/12/1899 00:00:00
SP00912104	165.47	<UNK>	162.25	F	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00912102	165.3099	162.25	161.5	F	VC	C	225	<UNK>	109.63	31/12/1899 00:00:00
SP00913157	162.61	159.91	159.22	S	CO	C	675	<UNK>	10.61	31/12/1899 00:00:00
SP00913402	<UNK>	<UNK>	161.07	C	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00903952	162.1999	160.59	160.03	S	VC	C	225	<UNK>	117.16	31/12/1899 00:00:00
SP00902901	163.4499	160.45	159.08	F	VC	C	225	<UNK>	59.45	31/12/1899 00:00:00
SP00911553	162.21	160.7	159.42	S	VC	C	300	<UNK>	48.95	31/12/1899 00:00:00
SP00911201	168.52	164.67	163.96	C	VC	C	225	0	77.62	31/12/1899 00:00:00
SP00913501	163.7899	159.6	<UNK>	F	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00914003	161.0299	156.53	156.52	F	VC	C	225	<UNK>	9724	31/12/1899 00:00:00
SP00914107	162.1199	159.77	158.04	F	VC	C	225	<UNK>	23.32	31/12/1899 00:00:00
SP00901901	162.02	159.08	156.44	F	VC	C	225	<UNK>	60.77	31/12/1899 00:00:00
SP00900954	162.75	161.13	159.19	S	VC	C	225	<UNK>	46.9	31/12/1899 00:00:00
SP00901952	<UNK>	<UNK>	160.47	S	VC	C	300	<UNK>	0	31/12/1899 00:00:00
SO99919052	164.5399	<UNK>	161.94	S	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00910001	164.6499	161.91	161.44	F	VC	C	225	<UNK>	164.72	31/12/1899 00:00:00
SP00910553	163.11	160.34	160.156	S	VC	C	300	0	118.1	31/12/1899 00:00:00
SP00914153	162.1399	160.59	159.45	S	VC	C	225	<UNK>	35.61	31/12/1899 00:00:00
SP00914154	162	159.55	159.45	S	CO	C	675	<UNK>	233.7	31/12/1899 00:00:00
SO99919421	<UNK>	0	0	F	<UNK>	<UNK>	0	0	0	31/12/1899 00:00:00
SO99909905	<UNK>	<UNK>	161.16	F	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00910402	166.1799	162.83	161.19	C	VC	C	225	<UNK>	40.82	31/12/1899 00:00:00
SP00912203	166.2899	163.77	162.25	F	VC	C	225	<UNK>	60.93	31/12/1899 00:00:00
SP00913052	163.36	162.11	160.99	S	VC	C	225	<UNK>	53.92	31/12/1899 00:00:00
SP00913153	163.72	160.72	159.17	S	VC	C	375	<UNK>	30.3	31/12/1899 00:00:00
SP00913155	164.22	162.62	161.98	S	VC	C	225	<UNK>	90.25	31/12/1899 00:00:00
SP00913502	164.5899	161.07	160.59	C	VC	C	225	<UNK>	140.54	31/12/1899 00:00:00
SP00911304	167.52	163.96	163.25	C	VC	C	225	<UNK>	53.55	31/12/1899 00:00:00
SP00911451	163.2599	161.96	160.7	S	VC	C	225	<UNK>	43.73	31/12/1899 00:00:00
SP00912254	166.1399	<UNK>	<UNK>	S	VC	C	150	<UNK>	0	31/12/1899 00:00:00
SP00912302	165.63	161.59	159.91	C	VC	C	225	<UNK>	31.74	31/12/1899 00:00:00
SP00913106	162.7299	160.283	159.77	F	VC	C	<UNK>	<UNK>	146.98	31/12/1899 00:00:00
SP00913302	<UNK>	<UNK>	156.26	C	VC	C	450	<UNK>	0	31/12/1899 00:00:00
SP00914155	162.1	159.45	159.25	S	CO	C	675	<UNK>	160	31/12/1899 00:00:00

Sewer Node

Sewer Pipe Data

Reference	Cover Level	Invert Level Upstream	Invert Level Downstream	Purpose	Material	Pipe Shape	Max Size	Min Size	Gradient	Year Laid
SP00900902	163.66	161.16	159.93	F	VC	C	225	<UNK>	40.38	31/12/1899 00:00:00
SP00904951	159.5	157.45	156.19	S	CO	C	675	<UNK>	80.57	31/12/1899 00:00:00
SO99919001	164.9799	161.75	160.92	C	VC	C	225	<UNK>	120.2	31/12/1899 00:00:00
SO99919103	<UNK>	<UNK>	<UNK>	C	VC	C	150	<UNK>	0	31/12/1899 00:00:00
SP00910502	163.11	159.89	159.29	F	VC	C	225	0	141	31/12/1899 00:00:00
SP00910502	163.11	159.89	159.52	F	VC	C	225	0	68.16	31/12/1899 00:00:00
SP00910202	168.13	165.38	164.67	C	VC	C	225	<UNK>	77.82	31/12/1899 00:00:00
SP00912153	165.2899	163.91	<UNK>	S	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00910321	<UNK>	0	0	F	VC	C	0	0	0	31/12/1899 00:00:00
SP00913152	163.86	161.98	161.82	S	VC	C	225	<UNK>	47.25	31/12/1899 00:00:00
SP00913158	162.82	159.22	159.17	S	CO	C	675	<UNK>	120.6	31/12/1899 00:00:00
SP00913201	163.4299	156.88	<UNK>	C	VC	C	450	<UNK>	0	31/12/1899 00:00:00
SP00913301	164.46	156.26	155.97	C	VC	C	450	<UNK>	113.86	31/12/1899 00:00:00
SP00914052	161.13	<UNK>	158.13	S	CO	C	675	<UNK>	0	31/12/1899 00:00:00
SP00901953	161.97	160.47	159.63	S	VC	C	300	<UNK>	69.08	31/12/1899 00:00:00
SP00900903	163.0299	159.93	158.97	F	VC	C	225	<UNK>	53.53	31/12/1899 00:00:00
SP00910102	165.94	162.79	<UNK>	C	VC	C	225	<UNK>	0	31/12/1899 00:00:00
SP00910102	165.94	162.79	161.75	C	VC	C	225	<UNK>	100.99	31/12/1899 00:00:00
SP00912252	166.3399	<UNK>	<UNK>	S	VC	C	150	<UNK>	0	31/12/1899 00:00:00
SP00912151	165.4199	<UNK>	163.91	S	VC	C	150	<UNK>	0	31/12/1899 00:00:00
SP00903951	162.24	160.99	160.59	S	VC	C	225	<UNK>	167.15	31/12/1899 00:00:00
SP00911002	165.44	162.87	161.91	F	VC	C	225	<UNK>	158.28	31/12/1899 00:00:00
SP00911101	165.66	163.91	162.87	C	VC	C	225	<UNK>	82.11	31/12/1899 00:00:00
SP00911101	165.66	163.91	162.79	C	VC	C	225	<UNK>	78.71	31/12/1899 00:00:00
SP00911302	166.7299	163.25	162.65	C	VC	C	225	<UNK>	47.07	31/12/1899 00:00:00
SP00912201	166.5099	163.72	161.59	C	VC	C	225	<UNK>	38.53	31/12/1899 00:00:00
SP00912401	164.33	155.46	154.91	C	VC	C	450	<UNK>	160.67	31/12/1899 00:00:00
SP00913051	162.1	158.67	<UNK>	S	CO	C	675	<UNK>	0	31/12/1899 00:00:00
SP00913151	162.77	159.17	158.67	S	CO	C	675	<UNK>	36.96	31/12/1899 00:00:00
SP00913154	162.2899	159.25	159.17	S	CO	C	675	<UNK>	407.75	31/12/1899 00:00:00
SP00902903	162.02	160.45	159.08	F	VC	C	150	0	21.06	24/01/2008 00:00:00
SP00902902	161.8999	160.47	159.63	S	VC	C	150	0	21.71	24/01/2008 00:00:00
SP00910569	<UNK>	0	0	F	VC	C	150	0	0	12/12/2007 00:00:00
SP00910567	<UNK>	<UNK>	<UNK>	S	PVC	C	225	0	0	12/12/2007 00:00:00
SP00910566	<UNK>	160.156	160.07	S	VC	C	300	0	113	31/12/1899 00:00:00
SP00910568	<UNK>	159.52	159.463	F	VC	C	225	0	64.17	31/12/1899 00:00:00
SP00910570	162.8699	160.28	160.15	S	CO	C	1050	<UNK>	162.31	23/08/2007 00:00:00
SP00910571	162.83	159.58	159.4	F	VC	C	150	<UNK>	70	23/08/2007 00:00:00
SP00910563	163.13	<UNK>	<UNK>	S	VC	C	300	<UNK>	0	23/08/2007 00:00:00
SP00910560	162.7799	160.15	159.88	S	VC	C	225	<UNK>	44.44	23/08/2007 00:00:00
SO99919508	163.4299	160.34	160.19	F	VC	C	150	<UNK>	146.67	23/08/2007 00:00:00
SO99919509	163.3899	160.19	159.99	F	VC	C	150	<UNK>	200.5	23/08/2007 00:00:00

Sewer Node

Sewer Pipe Data

Reference	Cover Level	Invert Level Upstream	Invert Level Downstream	Purpose	Material	Pipe Shape	Max Size	Min Size	Gradient	Year Laid
SP00910558	162.82	159.75	159.58	F	VC	C	150	<UNK>	112.94	23/08/2007 00:00:00
SP00910562	163.0899	<UNK>	<UNK>	S	VC	C	300	<UNK>	0	23/08/2007 00:00:00
SO99919511	163.3	160.65	160.51	S	CO	C	1050	0	239.29	23/08/2007 00:00:00
SP00910564	162.6499	159.463	158.09	F	VC	C	225	<UNK>	55.23	31/12/1899 00:00:00
SP00910561	163.1499	160.46	160.44	S	VC	C	300	<UNK>	300	23/08/2007 00:00:00
SO99919514	163.6199	<UNK>	<UNK>	S	CO	C	1050	<UNK>	0	23/08/2007 00:00:00
SP00910559	162.77	160.28	160.28	S	CO	C	1050	<UNK>	0	23/08/2007 00:00:00
SO99919504	163.3999	160.75	160.65	S	CO	C	1050	<UNK>	188	23/08/2007 00:00:00
SP00910565	162.58	160.07	159.42	S	VC	C	300	<UNK>	118.08	31/12/1899 00:00:00
SO99919513	163.61	160.53	160.46	S	CO	C	1050	<UNK>	218.57	23/08/2007 00:00:00
<UNK>	<UNK>	<UNK>	<UNK>	F	VC	<UNK>	<UNK>	<UNK>	<UNK>	31/12/1899 00:00:00
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<UNK>	<UNK>	<UNK>	<UNK>	F	VC	<UNK>	<UNK>	<UNK>	<UNK>	31/12/1899 00:00:00
SO99919250	<UNK>	166.25	165.92	F	VC	C	100	<UNK>	<UNK>	24/11/2017 00:00:00
SO99919112	<UNK>	166.43	166.25	F	VC	C	100	<UNK>	76.452	24/11/2017 00:00:00
SO99919113	167.8	166.47	166.43	F	U	C	100	<UNK>	75.9	24/11/2017 00:00:00
SO99919241	168	166.65	166.5	F	VC	C	100	<UNK>	43.992	24/11/2017 00:00:00
SO99919251	167.95	166.5	166.25	F	VC	C	100	<UNK>	37.645	24/11/2017 00:00:00
SO99919252	168	166.6	166.5	F	VC	C	100	<UNK>	24.824	24/11/2017 00:00:00
SO99919253	167.97	166.64	166.5	F	U	C	100	<UNK>	26.15	24/11/2017 00:00:00
SO99919254	167.96	166.5	<UNK>	F	U	C	100	<UNK>	<UNK>	24/11/2017 00:00:00
SO99919240	<UNK>	166.5	166.34	S	VC	C	150	<UNK>	<UNK>	12/12/2017 00:00:00
SO99919235	167.95	166.9	166.5	S	U	C	150	<UNK>	13.28	12/12/2017 00:00:00
SO99919246	167.2	167.2	166.9	S	VC	C	100	<UNK>	22.579	12/12/2017 00:00:00
SO99919247	168	167.2	166.9	S	U	C	100	<UNK>	7.962	12/12/2017 00:00:00
SO99919248	<UNK>	166.7	<UNK>	S	U	C	150	<UNK>	<UNK>	12/12/2017 00:00:00
SO99919249	167.97	166.78	166.7	S	U	C	100	<UNK>	39.034	12/12/2017 00:00:00
SP00910400	<UNK>	<UNK>	<UNK>	F	U	C	<UNK>	<UNK>	0	31/12/1899 00:00:00