12 Oxford Street
Nottingham
NG1 5BG
T: 0345 413 4000
info@bsp-consulting.co.uk
www.bsp-consulting.co.uk

Project Number: 22-0364

Project Title: 23/01994/FUL WHCH Former Woodlands Hotel, Coupals Road, Haverhill

Client: Country Court Care Limited

Location: Coupals Road, Haverhill

Date: 16/08/24

Prepared By: TG **Checked By:** TH

In relation to planning application 23/01994/FUL, Anglian Water have objected to a proposed discharge of surface water from the proposed development to the adopted surface water drainage network. Their concerns are raised in their Pre-Planning Assessment Report as follows:

> **Surface water disposal**
>
> **Whilst there are public surface water sewers within the vicinity of the site, they do not have the capacity to drain your site without creating a high risk of flooding. The dimensions of the sewer indicate that there is not sufficient residual capacity within the existing assets to drain the proposed development site's surface water runoff.**
>
> Therefore Anglian Water will be unable to provide the site with a feasible solution of surface water disposal within the current assets. Alternative methods of surface water disposal will need to be investigated such as infiltration techniques or a discharge to a watercourse in accordance with the surface water management hierarchy as outlined in Building Regulations Part H.
>
> The alternative is that a new surface water sewer is constructed which is used to convey your surface water to a watercourse or as part of a SuDs scheme, where appropriate. Subject to the sewer being designed in accordance with the current version of Sewers For Adoption, the sewer can be put forward for adoption by Anglian Water under Section 104 of the Water Industry Act 1991. If the outfall is to a watercourse, the applicant will be required to obtain consent to discharge via the appropriate body.
>
> If your site has no means of drainage due to third party land then you may be able to requisition Anglian Water, under Section 98, to provide a connection to the public sewer for domestic drainage purposes. As part of this option, you may wish to enter into a works agreement in accordance with Section 30 of the Anglian Water Authority Act 1977. This will allow you to design and construct the public sewer using Anglian Waters' statutory powers in accordance with Section 159/168 of the Water Industry Act 1991.

Key Issues

The key issue raised by AWS is highlighted above. This is that, based on their understanding of the sewer network, there is insufficient capacity in the sewer network at the proposed point of connection to serve the site's proposed minimal discharge of 2.5 litres per second. In their report AWS include Figure 1, as reproduced on the next page. This confirms what AWS believe to be the layout of their surface water sewers.

Figure 1 shows surface water sewers collecting surface water runoff from the housing development to the north of Coupals Road and then conveying this in an easterly direction along Coupals Road beyond the western edge of Figure 1.

Section 4 - Map of Proposed Point of Connection(s)

Figure 1:Showing your water recycling foul point of connection

We accept that there is currently no direct piped connection of surface water drainage from the site to the Anglian Water sewers. However, the following is also very clear:

- Infiltration drainage does not work on this site as the geology is not capable of accepting surface water infiltration,
- As a result of this, in wet weather surface water will exit the south of the site onto Coupals Road,
- The fall of the topography on Coupals Road from the site entrance to the Anglian Water sewer is a fall in excess of 5m over 150m (1in30) – see Figure 2 below,
- As a result of this the surface water currently exiting the site unattenuated will enter the Anglian Water surface water sewers via highway gullies on Coupals Road upstream to the east of the junction with Roman Way,
- The proposed routing of the off-site sewers follows the existing natural topography of the land to the same point where existing runoff enters the sewers,
- The proposal is to limit the off-site surface water discharge to greenfield runoff rates which is a betterment on the current uncontrolled overland land flow routing,

As such, accepting a greenfield rate discharge of surface water to the offsite sewers will offer a controlled betterment over the existing unattenuated overland flow in all rainfall events up to and including the peak 1 in 100 year rainstorm event including climate change.

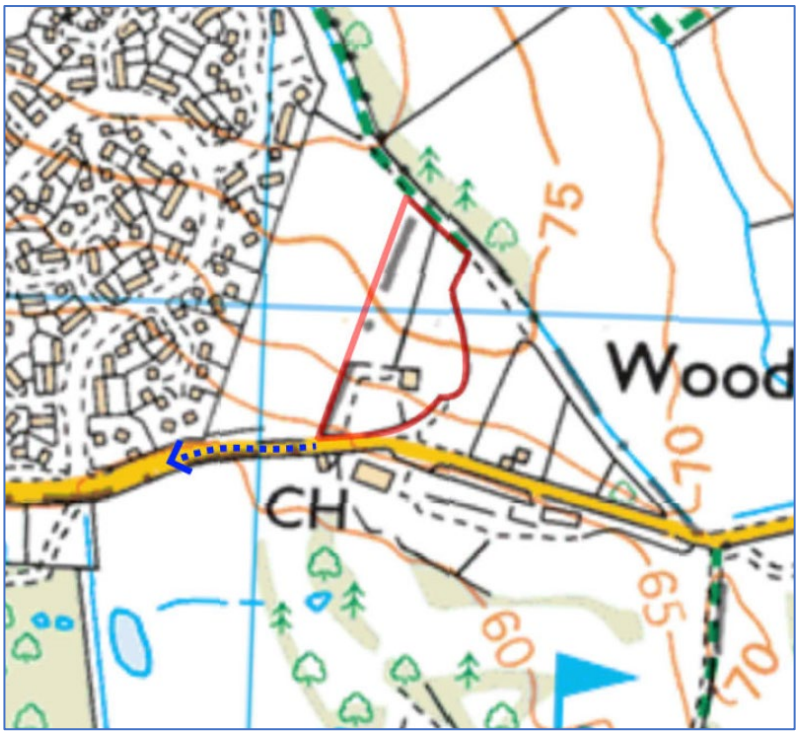

Figure 2: Local topography with overland flow route from the current site.

Further Investigations

To further investigate the connectivity of the Anglian Water surface water sewers we have commissioned a CCTV survey of the sewers in Coupals Road to the east of the junction with Roman Way by Aquajet. The results of this investigation are appended to the letter report. Aquajet note – "*The sewer records are incorrect in relation to the surface water, it outfalls to a headwall opposite Roman Way on the other site of Coupals Road. We surveyed down to the outfall.*"

The highway gullies within Coupal Road that accept overland flow from the former hotel site have been proven to connect to the Anglian Water sewers.

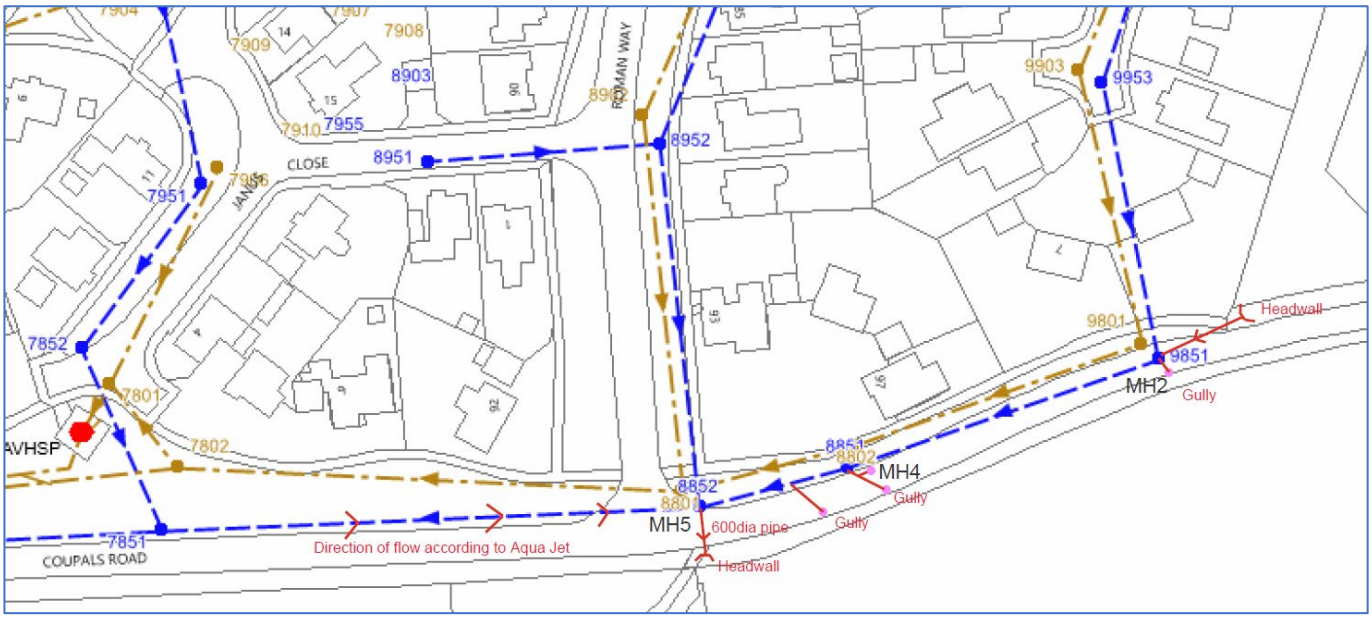

Figure 3: CCTV findings noted over the Anglian Water Sewer Record

Conclusions

The key findings from the CCTV survey are as follows:

- The highway gullies within Coupal Road that accept overland flow from the former hotel site have been proven to connect to the Anglian Water sewers.
- The adopted surface water sewers in Coupals Road take a much smaller catchment than Anglian Water were aware of prior to discharging to a headwall outfall to a watercourse to the south of Coupals Road opposite Roman Way.

Considering the above two statements, that we have evidenced with our further investigations, it is clear that the existing Anglian Water 450mm diameter surface water sewer at manhole 9851 has capacity to accept an attenuated piped discharge of 2.5 litres per second from the proposed development as a betterment on the current unrestricted overland flow. As such we request that Anglian Water remove their objection to this proposal.

Appendix A

Aquajet CCTV Survey Results

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Project

Project Name: 30JUL24 COUPALS RD CB9 7UW

Project Date: 30/07/2024

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

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Project Name	Project Number	Project Date
30JUL24 COUPALS RD CB9 7UW		30/07/2024

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Project Information

Project Name	Project Number	Project Date
30JUL24 COUPALS RD CB9 7UW		30/07/2024

Client

Company: BSP Consulting
Street: 12 Oxford Street
Town or City: Nottingham
County: NG1 5BG

Site

Company: Former Woodlands Hotel
Street: Coupals Road
Town or City: Haverhill
Post Code: CB9 7UW

Contractor

Company: Aqua-Jet Specialist Drainage Contractors Ltd
Contact: Eve Gidlow
Street: Yard 21, Hilton Ind Est, Sutton Lane
Town or City: Hilton Derbyshire DE65 5FE
Phone: 01283 730333
Fax: 01283 730444
Email: aquajetltd@aol.com

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Inspection - 30/07/2024 - MH4X

Section	Inspection	Date	Client`s Job Ref	Weather	Pre Cleaned	PLR
1	1	30/07/24	Not Specified	Not Specified	Not Specified	MH4X

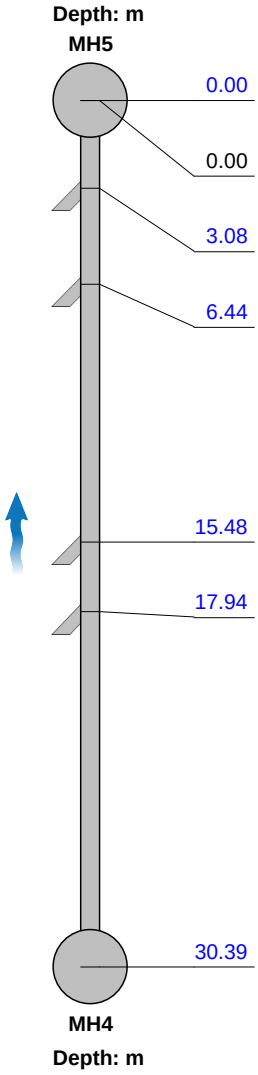
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Public Sewer	Not Specified

Town or Village:	Haverhill, Cb9 7Uw	**Inspection Direction:**	Upstream	**Upstream Node:**	MH4
Road:	Former Woodlands Hotel, Coupals F	**Inspected Length:**	30.39 m	**Upstream Pipe Depth:**	
Location:	Verge	**Total Length:**	30.39 m	**Downstream Node:**	MH5
Surface Type:		**Joint Length:**	0.00 m	**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	450 mm
Year Constructed:		**Material:**	Concrete
Flow Control:		**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:265



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node type, manhole, reference number: MH5	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00	MH4X_f8c570ee-f513-4102-8d	
3.08	CN	Connection other than junction at 1 o'clock, diameter: 150mm	00:00:26	MH4X_faaf8d3a-2aba-4d3d-bc	
6.44	CN	Connection other than junction at 1 o'clock, diameter: 150mm	00:00:59	MH4X_5f71cea8-178e-44c7-9e	
15.48	CN	Connection other than junction at 2 o'clock, diameter: 150mm	00:02:06	MH4X_d78165c0-7323-4dd7-b	
17.94	CN	Connection other than junction at 3 o'clock, diameter: 150mm	00:02:32	MH4X_7d810eb1-bc6b-4271-a	
30.39	MHF	Finish node type, manhole, reference number: MH4	00:04:06	MH4X_a1bef827-aa9a-4270-b	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

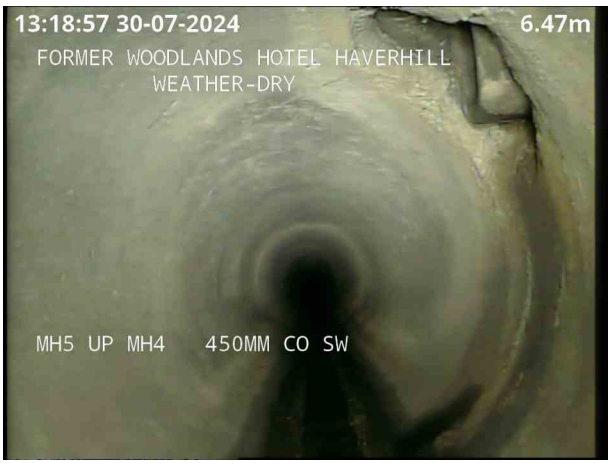
Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - MH4X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
1	Upstream	MH4X		

MH4X_f8c570ee-f513-4102-8dc0-f6d57a9eaf37_20240808_102750_198.jpg, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension

MH4X_faaf8d3a-2aba-4d3d-bc57-fbaba6405249_20240808_102850_086.jpg, 00:00:26, 3.08 m
Connection other than junction at 1 o'clock, diameter: 150mm



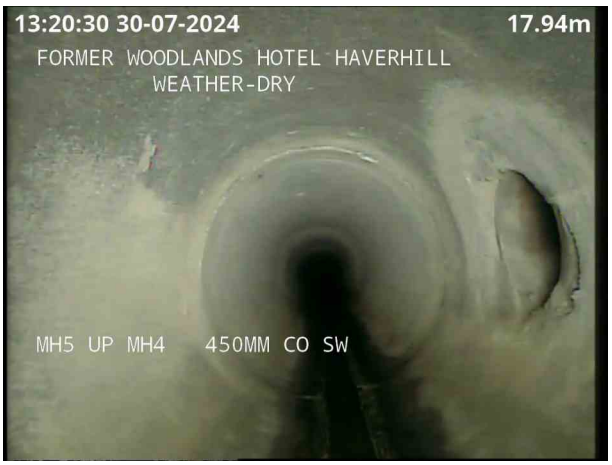
MH4X_5f71cea8-178e-44c7-9e77-b120f6bba2f2_20240808_103034_641.jpg, 00:00:59, 6.44 m
Connection other than junction at 1 o'clock, diameter: 150mm

MH4X_d78165c0-7323-4dd7-bb0b-b40ceb43886e_20240808_103110_972.jpg, 00:02:06, 15.48 m
Connection other than junction at 2 o'clock, diameter: 150mm

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - MH4X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
1	Upstream	MH4X		



MH4X_7d810eb1-bc6b-4271-ae58-2617f380a01f_20240808_103155_884.jpg, 00:02:32, 17.94 m
Connection other than junction at 3 o'clock, diameter: 150mm

MH4X_a1bef827-aa9a-4270-b2b3-0fbb55a71f1d_20240808_103234_518.jpg, 00:04:06, 30.39 m
Finish node type, manhole, reference number: MH4

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Inspection - 30/07/2024 - MH5X

Section	Inspection	Date	Client`s Job Ref	Weather	Pre Cleaned	PLR
2	2	30/07/24	Not Specified	Not Specified	Not Specified	MH5X

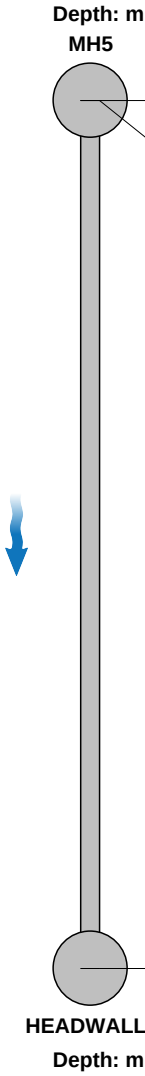
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Public Sewer	Not Specified

Town or Village:	Haverhill, Cb9 7Uw	**Inspection Direction:**	Downstream	**Upstream Node:**	MH5
Road:	Former Woodlands Hotel, Coupals R	**Inspected Length:**	14.82 m	**Upstream Pipe Depth:**	
Location:	Verge	**Total Length:**	14.82 m	**Downstream Node:**	HEADWALL2
Surface Type:		**Joint Length:**	0.00 m	**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	600 mm
Year Constructed:		**Material:**	Concrete
Flow Control:		**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:129



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node type, manhole, reference number: MH5	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:00	MH5X_30575b05-770c-4bb3-8	
14.82	OFF	Finish node type, outfall, reference number: HEADWALL2	00:01:53	MH5X_7b88d868-373d-4963-9	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - MH5X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
2	Downstream	MH5X		

MH5X_30575b05-770c-4bb3-878c-5ec429ba5216_20240808_103342_349.jpg, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension

MH5X_7b88d868-373d-4963-9d24-2e012fc9aee7_20240808_103410_613.jpg, 00:01:53, 14.82 m
Finish node type, outfall, reference number: HEADWALL2

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Inspection - 30/07/2024 - MH2X

Section	Inspection	Date	Client`s Job Ref	Weather	Pre Cleaned	PLR
3	3	30/07/24	Not Specified	Not Specified	Not Specified	MH2X

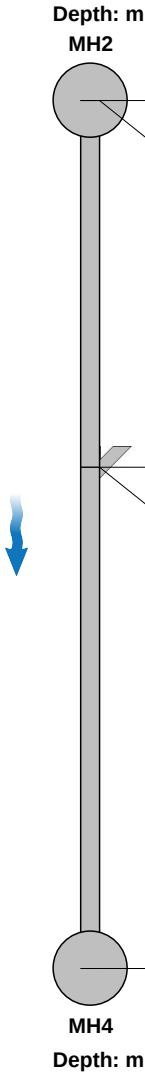
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Public Sewer	Not Specified

Town or Village:	Haverhill, Cb9 7Uw	**Inspection Direction:**	Downstream	**Upstream Node:**	MH2
Road:	Former Woodlands Hotel, Coupals R	**Inspected Length:**	49.39 m	**Upstream Pipe Depth:**	
Location:	Verge	**Total Length:**	49.39 m	**Downstream Node:**	MH4
Surface Type:		**Joint Length:**	0.00 m	**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	450 mm
Year Constructed:		**Material:**	Concrete
Flow Control:		**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:430



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node type, manhole, reference number: MH2	00:00:00		
0.00	WL	Water level, 5% of the vertical dimension	00:00:01	MH2X_2e5d8368-53c8-49d7-a	
20.89	CN	Connection other than junction at 9 o'clock, diameter: 150mm	00:01:35	MH2X_3efe2c08-99b7-4999-88	
20.89	ID	Infiltration, dripping at 8 o'clock	00:01:35		
49.39	MHF	Finish node type, manhole, reference number: MH4	00:03:33	MH2X_53f16b38-1cb9-47ba-8a	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - MH2X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
3	Downstream	MH2X		

MH2X_2e5d8368-53c8-49d7-a477-7af58928ee29_20240808_103529_820.jpg, 00:00:01, 0.00 m
Water level, 5% of the vertical dimension

MH2X_3efe2c08-99b7-4999-8824-47dd395e93ce_20240808_103553_974.jpg, 00:01:35, 20.89 m
Connection other than junction at 9 o'clock, diameter: 150mm

MH2X_53f16b38-1cb9-47ba-8a81-7a6118e7d8f2_20240808_104324_720.jpg, 00:03:33, 49.39 m
Finish node type, manhole, reference number: MH4

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Inspection - 30/07/2024 - HEADWALL1X

Section	Inspection	Date	Client`s Job Ref	Weather	Pre Cleaned	PLR
4	4	30/07/24	Not Specified	Not Specified	Not Specified	HEADWALL1X

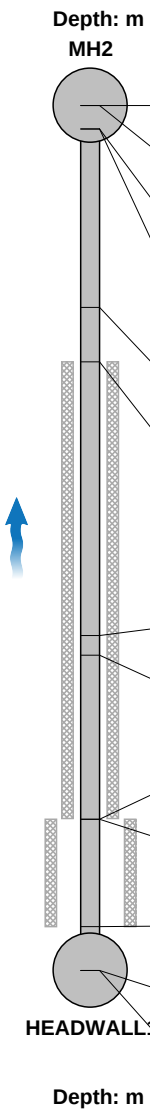
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Public Sewer	Not Specified

Town or Village:	Haverhill, Cb9 7Uw	**Inspection Direction:**	Upstream	**Upstream Node:**	HEADWALL1
Road:	Former Woodlands Hotel, Coupals F	**Inspected Length:**	18.43 m	**Upstream Pipe Depth:**	
Location:	Verge	**Total Length:**	18.43 m	**Downstream Node:**	MH2
Surface Type:		**Joint Length:**	0.00 m	**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	225 mm
Year Constructed:		**Material:**	Vitrified clay
Flow Control:		**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:161



Position [m]		Code	Observation	MPEG	Photo	Grade
0.00		MH	Start node type, manhole, reference number: MH2	00:00:00		
0.00		WL	Water level, 5% of the vertical dimension	00:00:00	HEADWALL1X_8f0049a7-7583	
0.50		MCPVC	Pipe material changes to polyvinyl chloride at this point	00:00:14	HEADWALL1X_cdf87446-05e4	
0.50		SCH	Shape changes to horseshoe (i.e. inverted U), new size(s), 300mm high, 225mm wide	00:00:14	HEADWALL1X_76c6b51a-75c	
4.30		D	Deformed sewer or drain, 5%	00:00:38	HEADWALL1X_0a3f8008-12c0	2 / 2
5.47	S01	D	Deformed sewer or drain, 10%, start	00:00:45	HEADWALL1X_475f2358-37f8-	
11.29		DER	Settled deposits, coarse, 5% cross-sectional area loss	00:01:23	HEADWALL1X_304a71c9-62c	3
11.71		OJL	Open joint, large	00:01:26	HEADWALL1X_a64c5a0b-f94	1
15.21	F01	D	Deformed sewer or drain, 10%, finish	00:01:49		4 / 3
15.21	S02	DER	Settled deposits, coarse, 10% cross-sectional area loss, start	00:01:49	HEADWALL1X_3d0f7251-caed	
17.50	F02	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish	00:02:05	HEADWALL1X_394840bd-4c7	3
18.43		DEX	Settled deposits, other, 90% cross-sectional area loss: DITCH OVERGROWN/FULL DEBRIS	00:02:25	HEADWALL1X_9f138096-53da	5
18.43		OFF	Finish node type, outfall, reference number: HEADWALL1	00:02:28		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
3	82.0	44.6	822.0	4.0	5	10.0	2.1	39.0	5.0

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - HEADWALL1X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
4	Upstream	HEADWALL1X		

HEADWALL1X_8f0049a7-7583-4488-8ccc-2b1592f5f522_20240808_104501_522.jpg, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension

HEADWALL1X_cdf87446-05e4-4f55-ab3f-1d27256f92bf_20240808_104527_972.jpg, 00:00:14, 0.50 m
Pipe material changes to polyvinyl chloride at this point

HEADWALL1X_76c6b51a-75c8-49bf-94cb-be86fd114760_20240808_104609_692.jpg, 00:00:14, 0.50 m
Shape changes to horseshoe (i.e. inverted U), new size(s), 300mm high, 225mm wide

HEADWALL1X_0a3f8008-12c0-4537-b676-b1113ed0dacb_20240808_104637_397.jpg, 00:00:38, 4.30 m
Deformed sewer or drain, 5%

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - HEADWALL1X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
4	Upstream	HEADWALL1X		

HEADWALL1X_475f2358-37f8-4d61-93e8-4e5eed1eeaaf_20240808_104708_167.jpg, 00:00:45, 5.47 m
Deformed sewer or drain, 10%, start

HEADWALL1X_304a71c9-62c9-45c5-8ad7-ee53d0fe4b6f_20240808_104741_140.jpg, 00:01:23, 11.29 m
Settled deposits, coarse, 5% cross-sectional area loss

HEADWALL1X_a64c5a0b-f949-4b2c-ba7d-ca38ea83f57e_20240808_104758_945.jpg, 00:01:26, 11.71 m
Open joint, large

HEADWALL1X_3d0f7251-caed-45ef-b591-6f676d69d231_20240808_104828_620.jpg, 00:01:49, 15.21 m
Settled deposits, coarse, 10% cross-sectional area loss, start

Aqua-Jet Specialist Drainage Contractors Ltd
Yard 21, Hilton Ind Est, Sutton Lane, Hilton Derbyshire DE65 5FE
Tel. 01283 730333
aquajetltd@aol.com

Section Pictures - 30/07/2024 - HEADWALL1X

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
4	Upstream	HEADWALL1X		

HEADWALL1X_394840bd-4c7d-4aa8-a06f-cd922cf5709b_20240808_104845_697.jpg, 00:02:05, 17.50 m
Settled deposits, coarse, 10% cross-sectional area loss, finish

HEADWALL1X_9f138096-53da-434f-b03c-d2c455c884e9_20240808_104938_449.jpg, 00:02:25, 18.43 m
Settled deposits, other, 90% cross-sectional area loss

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Section Inspection - 30/07/2024 - GULLYX

Section	Inspection	Date	Client`s Job Ref	Weather	Pre Cleaned	PLR
5	6	30/07/24	Not Specified	Not Specified	Not Specified	GULLYX

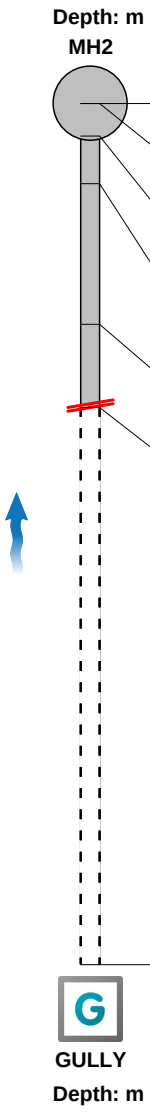
Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Not Specified	Not Specified	Not Specified	Not Specified	Highways Drainage	Not Specified

Town or Village:	Haverhill, Cb9 7Uw	**Inspection Direction:**	Upstream	**Upstream Node:**	GULLY
Road:	Former Woodlands Hotel, Coupals F	**Inspected Length:**	3.18 m	**Upstream Pipe Depth:**	
Location:	Verge	**Total Length:**	9.00 m	**Downstream Node:**	MH2
Surface Type:		**Joint Length:**	0.00 m	**Downstream Pipe Depth:**	

Use:	Surface water	**Pipe Shape:**	Circular
Type of Pipe:		**Dia/Height:**	150 mm
Year Constructed:		**Material:**	Vitrified clay
Flow Control:		**Lining Type:**	No Lining
Inspection Purpose:		**Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:79



Position [m]	Code	Observation	MPEG	Photo	Grade
0.00	MH	Start node type, manhole, reference number: MH2	00:00:00		
0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
0.34	JDM	Joint displaced, medium	00:00:08	GULLYX_dd5a8695-f347-413c-	1 / 3
0.84	CS	Cracks, spiral from 6 o'clock to 4 o'clock	00:00:13	GULLYX_2461f06d-9248-466e	3 / 2
2.31	LR	Line deviates right	00:00:27	GULLYX_55248e04-cb12-42c1	
3.18	SA	Survey abandoned: UNABLE TO PASS BEND	00:00:32		
9.00		End of pipe			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
2	41.0	17.7	41.0	3.0	2	3.0	1.3	3.0	3.0

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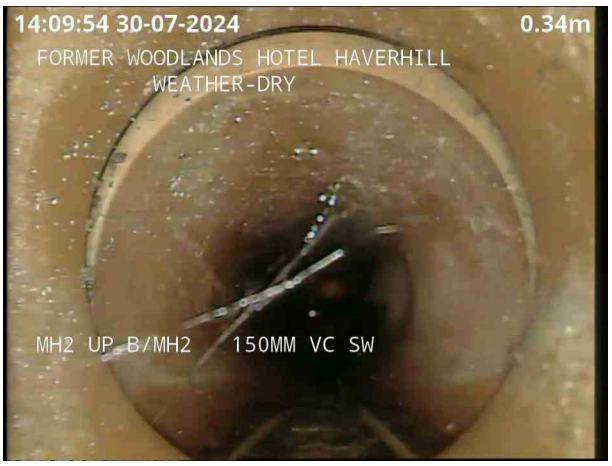
Section Pictures - 30/07/2024 - GULLYX

Section	Inspection Direction	PLR	Client`s Job Ref	Contractor`s Job Ref
5	Upstream	GULLYX		



GULLYX_dd5a8695-f347-413c-b579-8f45dd919180_20240808_105211_468.jpg, 00:00:08, 0.34 m
Joint displaced, medium

GULLYX_2461f06d-9248-466e-8810-da7079e0571b_20240808_105234_224.jpg, 00:00:13, 0.84 m
Cracks, spiral from 6 o'clock to 4 o'clock

GULLYX_55248e04-cb12-42c1-8ef0-401b3f5ffda1_20240808_105254_288.jpg, 00:00:27, 2.31 m
Line deviates right

Google Maps Coupals Rd

CB9 7UW

30/7/24

SKETCH 1 OF 3

England

Google Street View

Jul 2021 See more dates

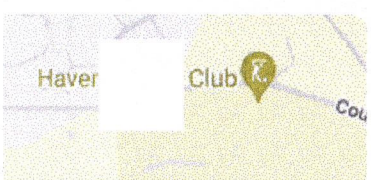
Image capture: Jul 2021 © 2024 Goog

OVERGROWN DITCH APPEARS TO START AT ENTRANCE TO DRIVING RANGE.

Google Maps Coupals Rd

30/7/24
SKETCH 2 OF 3

Image capture: Jul 2021 © 2024 Goog



30/7/24
SKETCH (3) OF (3)

Google Maps 5 Coupals Rd

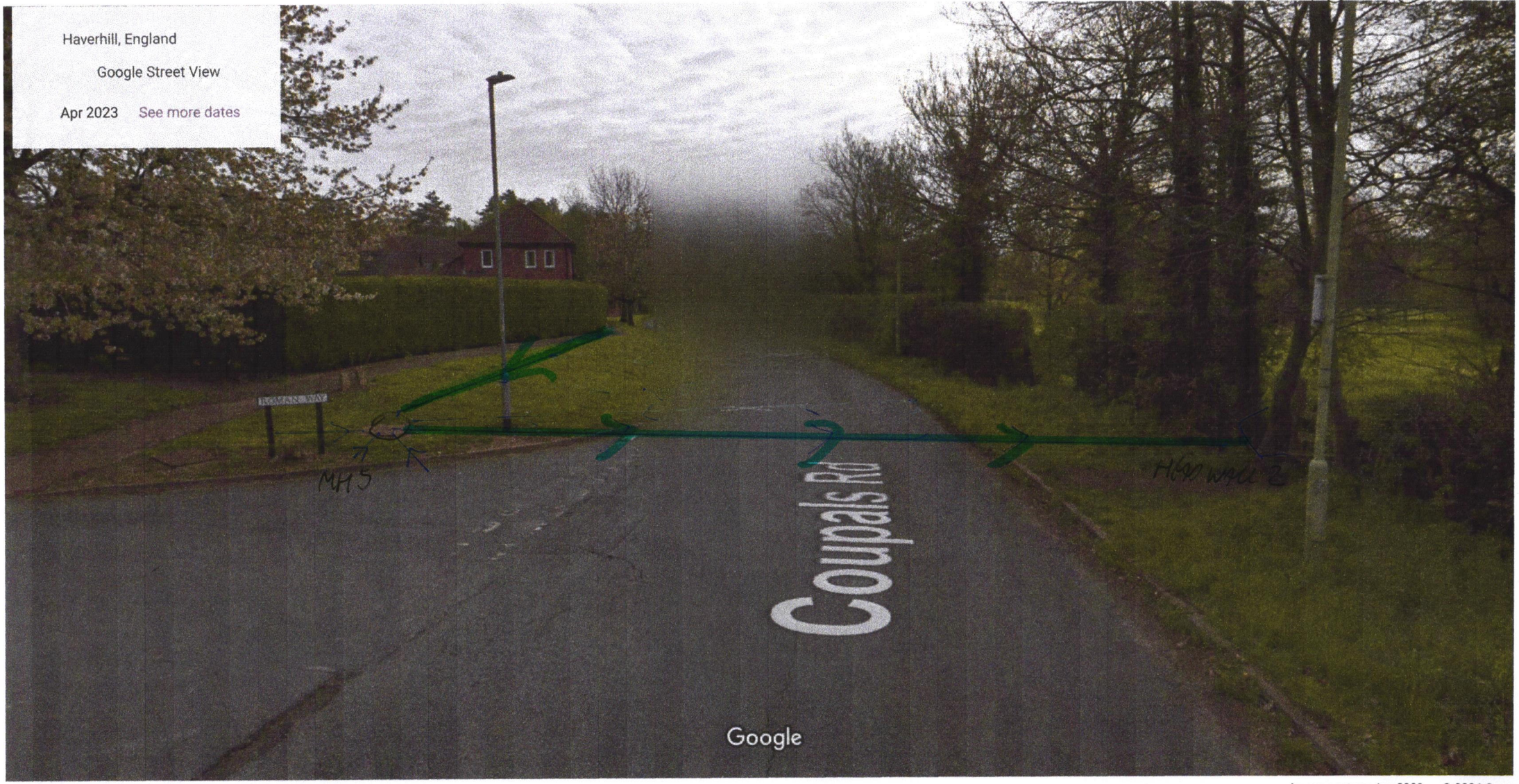


Image capture: Apr 2023 © 2024 Goog

AquaJet

Aqua-Jet Specialist Drainage Contractors Ltd

0800 0562080

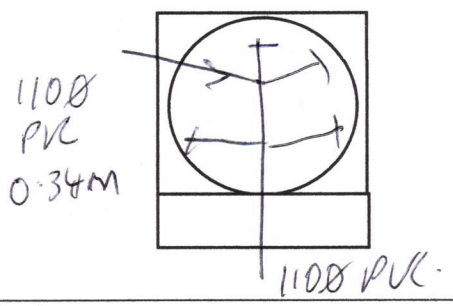
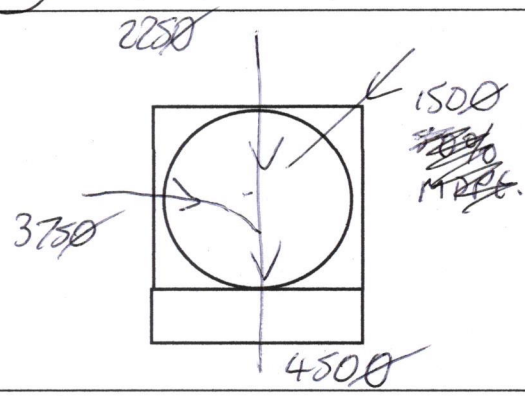
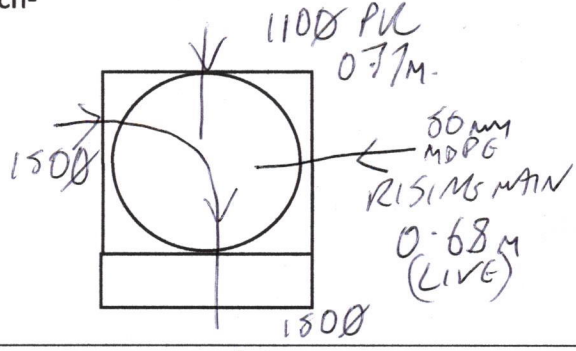
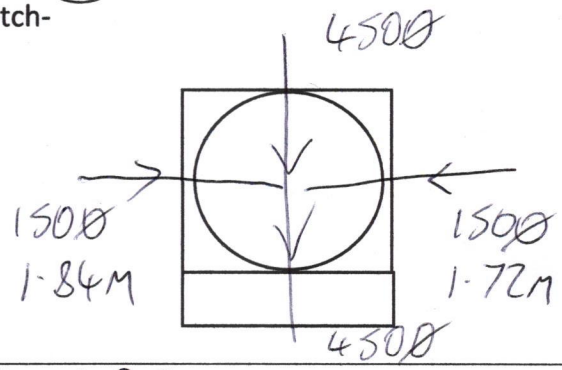
Yard 21, Hilton Industrial Estate, Sutton Lane, Hilton, DE65 5FE

Tel- 0800 0562080 Fax- 01283 730444 Email- info@aquajetltd.co.uk

Manhole Information

Client:

Site: COPALS ROAD, CB9 7UW

Reference: IC1	Reference: MH2
Duty: Foul/Surface/Combined/Other (detail in comments)	Duty: Foul/Surface/Combined/Other (detail in comments)
Sketch- 	Sketch- 
Depth: 0·39M	Depth: 1·51M.
Shape: Rectangular/square/circular	Shape: Rectangular/square/circular
Material: PVC.	Material: CONC - PCC
Chamber Size: L- W- D- 4750	Chamber Size: L- W- D- 1200Ø
Observations/comments:	Observations/comments: LIVE FLOW WATERCOURSE? (DRY DAY)
Reference: MH3	Reference: MH4
Duty: Foul/Surface/Combined/Other (detail in comments)	Duty: Foul/Surface/Combined/Other (detail in comments)
Sketch- 	Sketch- 
Depth: 0·92M	Depth: 1·98M
Shape: Rectangular/square/circular	Shape: Rectangular/square/circular
Material: BRICK.	Material: CONC - PCC
Chamber Size: L- 1100 W- 750 D-	Chamber Size: L- W- D- 1200Ø
Observations/comments:	Observations/comments: COVER NOT LEVEL

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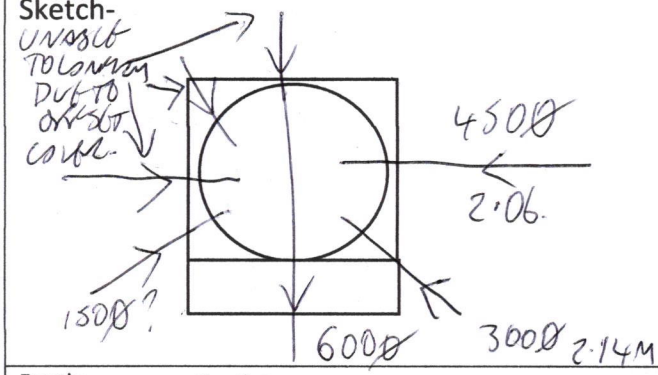
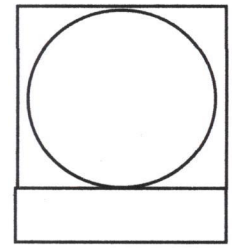
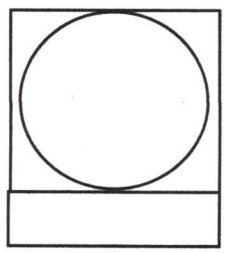
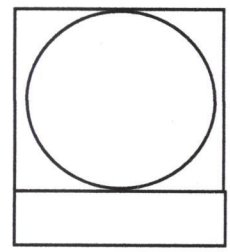
0800 0562080
Yard 21, Hilton Industrial Estate, Sutton Lane, Hilton, DE65 5FE
Tel- 0800 0562080 Fax- 01283 730444 Email- info@aquajetltd.co.uk

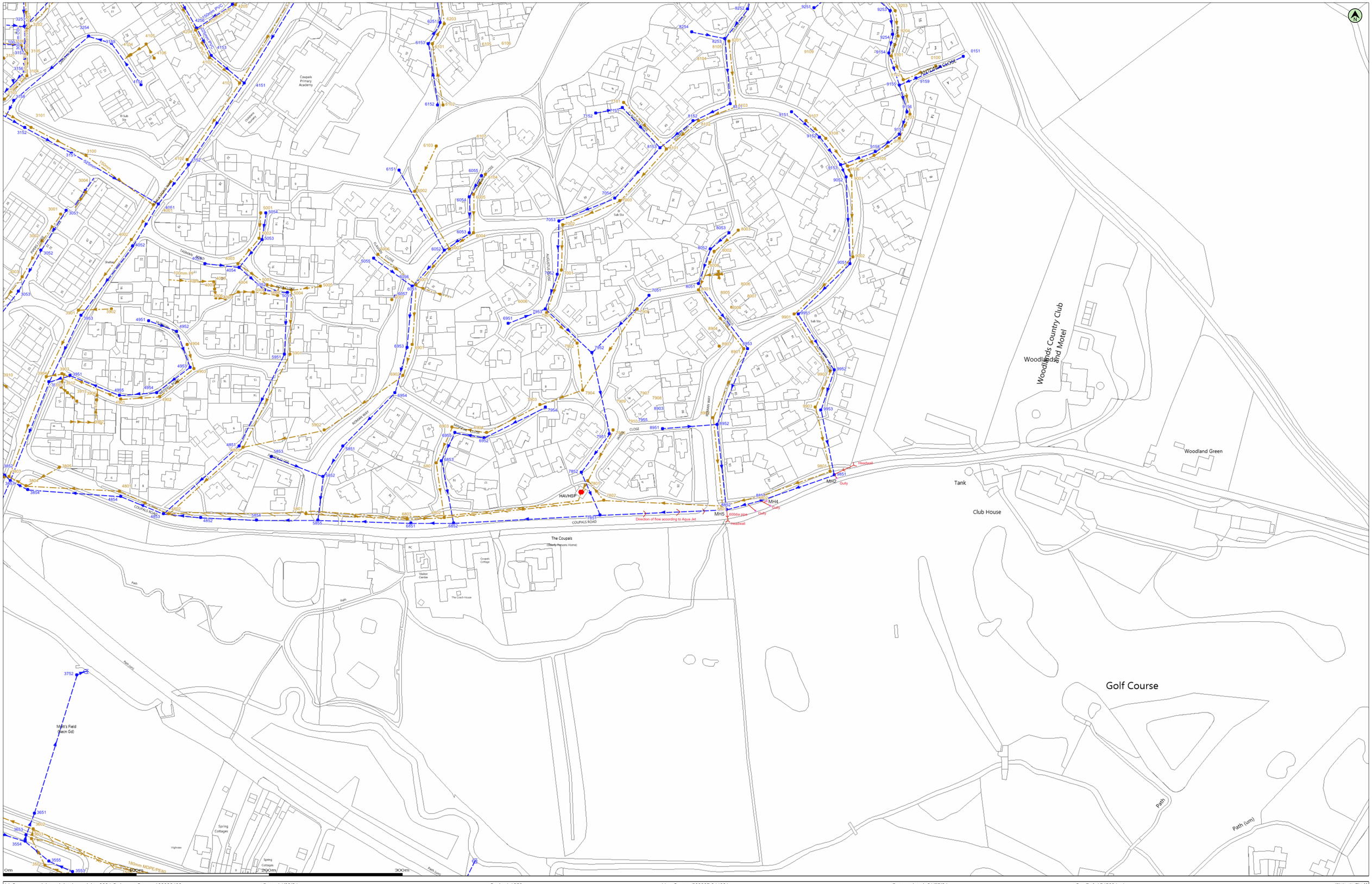
Manhole Information

Client:

Site:

COUPALS ROAD, CB9 7UW

Reference: MH5.	Reference:
Duty: Foul/Surface/Combined/Other (detail in comments)	Duty: Foul/Surface/Combined/Other (detail in comments)
Sketch- 	Sketch- 
Depth: 2.23M	Depth:
Shape: Rectangular/square/circular	Shape: Rectangular/square/circular
Material: CONC	Material:
Chamber Size: L- W- D- 1200/1500Ø	Chamber Size: L- W- D-
Observations/comments: COVER OFFSET + NOT LOCATED. REQ'S CONFIRMATION FOR FULL DETAILS.	Observations/comments:
Reference:	**Reference:**
Duty: Foul/Surface/Combined/Other (detail in comments)	Duty: Foul/Surface/Combined/Other (detail in comments)
Sketch- 	Sketch- 
Depth:	Depth:
Shape: Rectangular/square/circular	Shape: Rectangular/square/circular
Material:	Material:
Chamber Size: L- W- D-	Chamber Size: L- W- D-
Observations/comments:	Observations/comments:



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Wastewater Plan A1
Powered by digital

- Foul Sewer
- Surface Sewer
- Combined Sewer
- Final Effluent
- Rising Main*
- Private Sewer*
- Decommissioned Sewer*
- Outfall*
- Inlet*
- Manhole*
- Sewage Treatment Works
- Public Pumping Station
- Decommissioned Pumping Station

*(Colour denotes effluent type)

f.east@bsp-consulting.co.uk

Coupals Road

love every drop anglianwater

Manhole Reference	Easting	Northing	Liquid Type	Cover Level	Invert Level	Depth to Invert
0100	569014	245181	F	-	-	-
3001	568357	245070	F	-	-	-
3002	568343	245050	F	-	-	-
3003	568328	245023	F	-	-	-
3004	568376	245087	F	-	-	-
3100	568376	245114	F	-	-	-
3101	568335	245135	F	-	-	-
3103	568315	245156	F	-	-	-
3104	568331	245174	F	-	-	-
3105	568332	245191	F	-	-	-
3106	568321	245198	F	-	-	-
3111	568314	245187	F	-	-	-
3202	568332	245209	F	-	-	-
3501	568345	244581	F	-	-	-
3502	568362	244574	F	-	-	-
3602	568336	244608	F	-	60.88	-
3603	568335	244601	F	-	-	-
3803	568318	244873	F	-	-	-
3804	568331	244866	F	-	-	-
3805	568356	244880	F	-	-	-
3901	568370	244998	F	-	-	-
3902	568395	244999	F	-	-	-
3903	568358	244950	F	-	-	-
3904	568346	244948	F	-	-	-
3906	568384	244930	F	-	-	-
3907	568383	244914	F	-	-	-
3911	568357	244940	F	-	-	-
3912	568362	244936	F	-	-	-
3913	568369	244930	F	-	-	-
4001	568427	245077	F	-	-	-
4002	568410	245051	F	-	-	-
4003	568490	245033	F	-	-	-
4004	568490	245012	F	-	-	-
4005	568480	245007	F	-	-	-
4006	568474	245007	F	-	-	-
4007	568473	245014	F	-	-	-
4008	568472	245019	F	-	-	-
4009	568458	245019	F	-	-	-
4101	568491	245169	F	79.3	76.22	3.08
4102	568452	245111	F	-	-	-
4103	568469	245188	F	80.39	77.227	3.163
4104	568410	245190	F	-	-	-
4105	568421	245198	F	-	-	-
4106	568427	245187	F	-	-	-
4204	568458	245208	F	81.661	79.576	2.085
4205	568488	245227	F	83.12	80.74	2.38
4801	568401	244862	F	-	-	-
4802	568438	244845	F	-	-	-
4803	568494	244895	F	-	-	-
4901	568402	244931	F	-	-	-
4902	568431	244933	F	-	-	-
4903	568457	244954	F	-	-	-
4904	568452	244972	F	-	-	-
5001	568507	245071	F	-	-	-
5002	568506	245052	F	-	-	-
5003	568512	245017	F	-	-	-
5004	568530	245013	F	-	-	-
5005	568552	245016	F	-	-	-
5006	568595	245040	F	-	-	-
5007	568520	245009	F	-	-	-
5008	568502	245012	F	-	-	-
5801	568541	244845	F	-	-	-
5901	568529	244965	F	-	-	-
5902	568555	244908	F	-	-	-
6001	568624	245017	F	-	-	-
6002	568623	245087	F	-	-	-
6003	568649	245044	F	-	-	-
6004	568667	245056	F	-	-	-
6005	568667	245085	F	-	-	-
6007	568606	245006	F	-	-	-
6101	568636	245198	F	-	-	-
6102	568644	245152	F	-	-	-
6103	568639	245121	F	-	-	-
6104	568676	245100	F	-	-	-
6203	568645	245213	F	-	-	-
6801	568639	244883	F	-	-	-
6802	568645	244842	F	-	-	-
6803	568617	244841	F	-	-	-
6901	568621	244972	F	-	-	-
6902	568614	244949	F	-	-	-
6903	568651	244910	F	-	-	-
6904	568677	244906	F	-	-	-
7001	568733	245028	F	-	-	-
7002	568734	245062	F	-	-	-
7003	568777	245080	F	-	-	-
7101	568780	245154	F	-	-	-
7801	568753	244870	F	-	-	-
7802	568765	244855	F	-	-	-
7901	568722	244996	F	-	-	-
7902	568745	244973	F	-	-	-
7903	568717	244927	F	-	-	-
7904	568749	244938	F	-	-	-
7905	568790	244999	F	-	-	-
7906	568772	244908	F	-	-	-
8001	568836	245013	F	-	-	-
8002	568848	245042	F	-	-	-
8003	568866	245058	F	-	-	-
8004	568861	245000	F	-	-	-
8008	568851	245025	F	-	-	-
8101	568812	245119	F	-	-	-
8102	568836	245140	F	-	-	-
8103	568864	245151	F	-	-	-
8201	568859	245200	F	-	-	-

Manhole Reference	Easting	Northing	Liquid Type	Cover Level	Invert Level	Depth to Invert
8801	568854	244851	F	-	-	-
8802	568885	244859	F	-	-	-
8901	568870	244969	F	-	-	-
8902	568847	244917	F	-	-	-
8903	568852	244971	F	-	-	-
9001	568951	245099	F	-	-	-
9002	568952	245038	F	-	-	-
9101	568981	245189	F	-	-	-
9102	568990	245171	F	-	-	-
9103	568995	245145	F	-	-	-
9104	568987	245127	F	-	-	-
9105	568968	245114	F	-	-	-
9106	568948	245106	F	-	-	-
9107	568917	245140	F	-	-	-
9108	568932	245127	F	-	-	-
9203	568984	245223	F	-	-	-
9204	568986	245204	F	-	-	-
9801	568935	244877	F	-	-	-
9901	568908	244995	F	-	-	-
9902	568935	244952	F	-	-	-
9903	568924	244925	F	-	-	-
0151	569035	245189	S	-	-	-
3051	568361	245073	S	-	-	-
3052	568342	245043	S	-	-	-
3053	568325	245012	S	-	-	-
3151	568365	245116	S	-	-	-
3152	568330	245135	S	-	-	-
3156	568330	245177	S	-	-	-
3157	568330	245187	S	-	-	-
3158	568322	245156	S	-	-	-
3159	568395	245199	S	-	-	-
3253	568330	245211	S	-	-	-
3254	568378	245204	S	-	-	-
3553	568366	244576	S	-	-	-
3554	568330	244599	S	-	60.08	-
3555	568348	244584	S	-	-	-
3651	568337	244620	S	-	59.92	-
3653	568331	244604	S	-	-	-
3752	568369	244724	S	-	58.73	-
3853	568319	244870	S	-	-	-
3854	568332	244863	S	-	-	-
3951	568364	244949	S	-	-	-
3952	568348	244944	S	-	-	-
3953	568372	244994	S	-	-	-
4051	568430	245078	S	-	-	-
4052	568411	245046	S	-	-	-
4053	568465	245033	S	-	-	-
4054	568491	245030	S	-	-	-
4151	568495	245169	S	79.36	76.8	2.56
4152	568453	245107	S	-	-	-
4153	568470	245189	S	80.396	77.932	2.464
4154	568417	245167	S	-	-	-
4255	568486	245228	S	83.106	81.095	2.011
4256	568459	245210	S	81.695	79.925	1.77
4851	568491	244896	S	-	-	-
4852	568462	244842	S	-	-	-
4853	568434	244845	S	-	-	-
4854	568402	244858	S	-	-	-
4951	568423	244990	S	-	-	-
4952	568444	244982	S	-	-	-
4953	568454	244955	S	-	-	-
4954	568429	244936	S	-	-	-
4955	568401	244934	S	-	-	-
5051	568527	245011	S	-	-	-
5052	568510	245013	S	-	-	-
5053	568508	245051	S	-	-	-
5054	568511	245071	S	-	-	-
5055	568592	245037	S	-	-	-
5851	568569	244896	S	-	-	-
5852	568554	244873	S	-	-	-
5853	568515	244888	S	-	-	-
5854	568504	244840	S	-	-	-
5855	568550	244840	S	-	-	-
5951	568525	244965	S	-	-	-
6051	568621	245016	S	-	-	-
6052	568645	245043	S	-	-	-
6053	568664	245056	S	-	-	-
6054	568664	245083	S	-	-	-
6055	568673	245099	S	-	-	-
6057	568608	245008	S	-	-	-
6151	568611	245103	S	-	-	-
6152	568640	245152	S	-	-	-
6153	568633	245198	S	-	-	-
6251	568642	245214	S	-	-	-
6851	568620	244838	S	-	-	-
6852	568652	244838	S	-	-	-
6853	568643	244885	S	-	-	-
6951	568693	244988	S	-	-	-
6952	568675	244902	S	-	-	-
6953	568617	244970	S	-	-	-
6954	568608	244936	S	-	-	-
6955	568653	244906	S	-	-	-
7051	568799	245009	S	-	-	-
7052	568730	245025	S	-	-	-
7053	568731	245065	S	-	-	-
7054	568773	245082	S	-	-	-
7151	568779	245150	S	-	-	-
7152	568759	245146	S	-	-	-
7851	568762	244844	S	-	-	-
7852	568748	244876	S	-	-	-
7951	568769	244905	S	-	-	-
7952	568756	244966	S	-	-	-
7953	568721	244999	S	-	-	-

Manhole Reference	Easting	Northing	Liquid Type	Cover Level	Invert Level	Depth to Invert
7954	568721	244925	S	-	-	-
8051	568836	245018	S	-	-	-
8052	568845	245044	S	-	-	-
8053	568859	245056	S	-	-	-
8151	568860	245153	S	-	-	-
8152	568832	245140	S	-	-	-
8153	568807	245120	S	-	-	-
8252	568873	245224	S	-	-	-
8253	568856	245202	S	-	-	-
8254	568831	245207	S	-	-	-
8851	568883	244855	S	-	-	-
8852	568857	244848	S	-	-	-
8951	568809	244909	S	-	-	-
8952	568850	244912	S	-	-	-
8953	568873	244969	S	-	-	-
9051	568950	245033	S	-	-	-
9052	568947	245098	S	-	-	-
9151	568906	245147	S	-	-	-
9152	568927	245128	S	-	-	-
9153	568943	245107	S	-	-	-
9154	568979	245191	S	-	-	-
9155	568987	245167	S	-	-	-
9156	568993	245147	S	-	-	-
9157	568987	245130	S	-	-	-
9158	568969	245117	S	-	-	-
9159	569000	245172	S	-	-	-
9251	568923	245225	S	-	-	-
9253	568980	245223	S	-	-	-
9254	568982	245205	S	-	-	-
9851	568938	244874	S	-	-	-
9951	568911	244995	S	-	-	-
9952	568938	244953	S	-	-	-
9953	568928	244923	S	-	-	-

Manhole Reference	Easting	Northing	Liquid Type	Cover Level	Invert Level	Depth to Invert