

8th May 2026

13885 – Havant Phase 3A: - Engineers Response to planning condition 29

Application Summary: -

Proposal: Existing Sewer Conditions

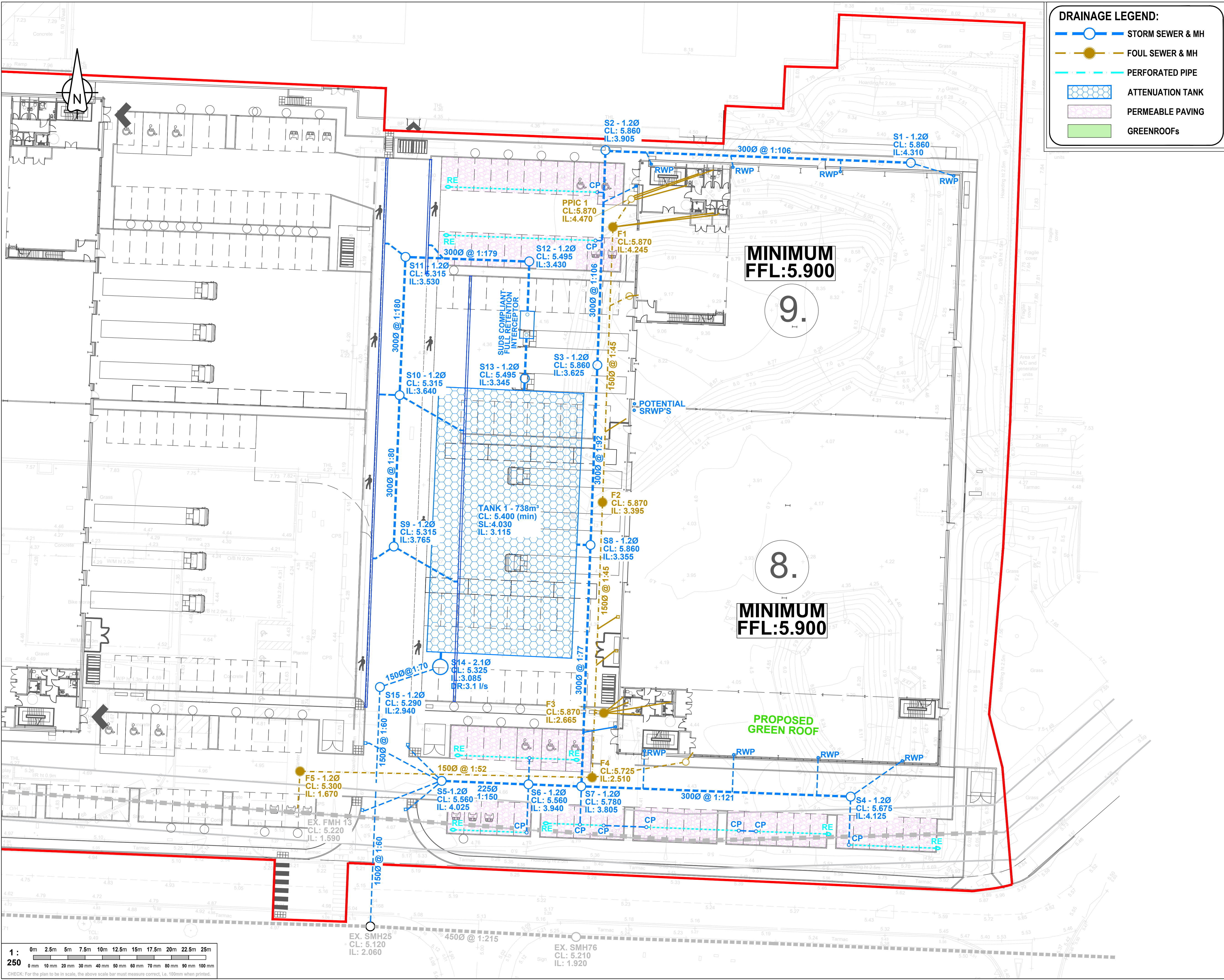
Condition 29 requires the following:

Prior to the commencement of each phase of development the condition of the existing sewers, which will take surface water from the development site, shall be investigated. If necessary, improvement to their condition as reparation, remediation, restitution or replacement shall be undertaken before any connection is made. Evidence of this, including photographs shall be submitted to and approved in writing by the Local Planning Authority. If necessary, evidence that the asset owners have agreed to the principle of connection/reusing existing connections and discharge rates, shall be submitted before any connection is made.

Phase 3A Considerations

The existing storm sewers within the Phase 3A site area serving the existing car park will be removed and is to be replaced with the proposed layout as indicated on drawing 13885_201.

It is proposed for the stormwater within the Phase 3A drainage system to discharge into the existing storm sewer, south of the development. The proposed drainage plan on drawing 13885_201 identifies the point of connection being the existing manhole, ref. EX.MH25. A CCTV survey carried out by Greenhatch Surveys has been appended to this note, which shows location and condition of the existing sewers on site.



Notes

- Topographical Survey carried out by Greenhatch, Drawing No.:
 - 38869G_T_UG_REV0 - Topographical Survey Plan (Dated 03/02/2026).
- Proposed Site Layout taken from PRC, Drawing No.:
 - 11747_PL004 Proposed Site Plan (Dated MAY 2026).
- Do not scale from this drawing. All dimensions must be checked & verified on-site. If in doubt ask.
- The Contractor is to check & verify all dimensions & levels before any work is started on-site.
- Existing site survey works have been carried out by others & no guarantee can be given by Baynham Meikle for their accuracy.
- Any discrepancies noted on-site are to be reported to Baynham Meikle immediately.
- This drawing is to be read in conjunction with all relevant Architects', Engineers' and other Specialists' drawings & specifications.
- For existing ground conditions, refer to Site Investigation reports.
- The drainage installation is to be compliant with Building Regs. (Part H).
- All adoptable drainage works shall comply with "Water UK - Design and Construction Guide".
- The following pipe strengths shall be adopted (unless noted otherwise):
 - Pipes up to and including 150mm Ø to be PVC-U to BS-EN 1329, or Clayware to BS-EN 295 Class 160.
 - Pipes 150mm Ø up to and including 225mm Ø to be Clayware to BS-EN 295 Class 160.
 - Pipes 300mm Ø to be Clay to BS-EN 295 Class 160 or Concrete to BS 5911 Class M.
 - Pipes over 300mm Ø to be Concrete to BS 5911 Class M.
- All pipe runs to be laid with flexible joints.
- All pipes entering and exiting manholes are to be connected to pipe soffits level unless noted otherwise.
- Pipe Bedding and surround to be as follows:

Location:	Cover to Soffit:	Pipe Bedding:	
Roads.	Clay / Conc	Flexible	
	>1.2m	>0.9m	Class S
Hard and Soft Landscaping.	<1.2m	<0.9m	Class Z
	>0.6m	<0.6m	Class S
			Class Z
- The following Conc. mixes are to be used (in accordance with BS 8500):

Location:	Mix Reference:
Concrete Surround to Pipes	ST4
Concrete Base and Surround to Manholes	ST4
- All precast-concrete products (i.e. pipes, manhole rings, etc.) shall be of suitable Concrete mix to cater for Class 2 Sulphates.
- Pre-formed channels are to be used in manholes where applicable.
- Granolithic Concrete benching to be steel trowelled to a dense smooth face neatly shaped and finished to all branch connections and laid in accordance with the Specification.
- All connections to be turned in direction of flow using pipe bends.
- Manhole covers and frames to be Ductile Iron Medium Duty grade B125 rectangular to BS-EN 124 positions outside vehicular-trafficked areas, and Heavy Duty grade D400 in vehicular-trafficked areas.
- Manhole covers and frames to be Ductile Iron Medium Duty grade A15 covers in Soft Landscaping.
- First flexible joint in pipes adjacent to a manhole shall be a maximum of 600mm from inside face of manhole, connecting to rocker pipe.
- The length of Rocker Pipe is as follows:

Pipe Diameter:	Length of Rocker Pipe:
150mm - 600mm	600mm
675mm - 750mm	1000mm
825mm & Over	1250mm
- Manholes with outgoing pipes greater than 600mm Ø shall be fitted with guard bars, safety chains or other safety devices.
- The Principle Contractor shall be responsible for checking the existing line and invert levels of any connection points for both the Foul and Surface Water systems, prior to undertaking installation of any new drainage works. Any deviation to the levels and positions indicated on the drawing should be brought to the attention of the Engineer.
- All invert levels specified are outgoing (except Backdrop connections).
- All Foul connections to be 150mm Ø laid at a minimum gradient of 1/40 unless noted otherwise. Surface Water pipe sizes are as indicated.
- Foul pipes to be externally vented (SVP) at head of run.
- For location of internal SVP, SS, etc., refer to Architect's latest layouts.
- Internal Foul drainage connections / positions and setting-out information to be confirmed by the M&E Consultant / Architect.

P2	27/05/2026	Amended to suit PRC comments	R.B.	G.L.
P1	08/05/2026	First Issue.	R.B.	G.L.
Rev	Date	Description	By	Chkd

Revision Schedule

For Information

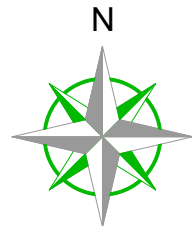
Project Title
Langstone - Phase 3A
Havant

Drawing Title
Proposed Drainage Plan

Drawing Number
13885-201

Revision
P2

BM Ref	Scale @ A1	Drawn by	Checked by	Project Eng
13885	1 : 250	R.B.	G.L.	G.L.



CCTV KEY			
Surface Water	Assumed Surface Water	Foul Water	Assumed Foul Water
SW Rising Main	FW Rising Main	Vent Pipe	Survey Boundary
Combined Water	Assumed Combined Water		

ABBREVIATIONS			
B	Sewer broken at this point	QY	Gully
BJ	Broken joint	H	Hole
CCJ	Circumferential crack	HJ	Head of joint
CCU	Circumferential crack on joint	HPWJ	High pressure water jetting
CCPR	Cured in place repair	IR	Infiltration running
CIPP	Cured in place pipe	IS	Infiltration seeping
CM	Multiple cracks	JD	Joint displaced medium
CMJ	Cracks multiple on joint	JN	Junction
CN	Connection	JND	Junction defective
CSD	Loss of vision (left)	LD	Line down
CLW	Camera underwater	LL	Line left
CUZ	Loss of vision (Camera under water)	LR	Line right
CW	Combined water	LU	Line up
CXD	Connection defective	NCA	No camera access
CI	Connection intruding	MA	Manhole
CC	Connection of pipe changes	CU	Open joint medium
DEC	Settled deposits hard or compacted	ORP	Obstruction (external pipe or cable)
DEE	Encouragement scale light	REM	General obstruction at this point
DEEJ	Encouragement light at joint	RT	Road to joint
DES	Debris floating	RMJ	Roads man at joint
DER	Debris visible	RE	Roadside eye
DES	Debris silt	RS	Roadside
DEX	Obstructed deposits	SA	Survey Abandoned
DEZ	Other obstructed deposits	SW	Surface Water
FC	Fracture circumferential	UTL	Unable to locate
FCJ	Fracture circumferential on joint	UTR	Unable to trace
FL	Fracture longitudinal	UTS	Unable to survey
FMA	Fracture multiple	WL	Water level
FW	Foul water	XP	Collapse to pipe

NOTES

1. All sewer runs are presumed to be straight line connections between chambers unless proven otherwise by the use of a sonde or CCTV survey.

2.

DISCLAIMER

What every effort has been taken to the preparation of this drawing, the original level of the survey and the accuracy of the data is not guaranteed. The user of this drawing is responsible for the accuracy of the data and the results of the survey. The user of this drawing is responsible for the accuracy of the data and the results of the survey. The user of this drawing is responsible for the accuracy of the data and the results of the survey.

Rev

Date

Description

Drawn

Q

Ref

greenhatch

group

☐ Topographical Surveys

☐ Site Engineering

☐ Utility / CCTV Surveys

☐ Measured Building Surveys

☐ 3D Laser Scanning

☐ Road & BIM Models

Rowan House

Duffield Road

Little Eaton

Derby

DE21 5DR

Tel (01332) 830044

admin@greenhatch-group.co.uk

www.greenhatch-group.co.uk

Unit 8, The Courtyard

Alban Park

St Albans

Hertfordshire

AL1 2UA

T: (01727) 854481

Newcastle

14 Riverside Studios

Armetree Road

Newcastle Bus Park

Newcastle-U-Tyne

NE1 7LJ

T: (01912) 736391

Poland

ul. Powernicka 91

40-761 Katowice

Poland

T: 0048 32 202 2292

www.greenhatch.pl

CLIENT	
Havant Sarl	
PROJECT	
Langstone Technology Park Langstone Road, Havant PO9 1SA	
TITLE	
CCTV Survey	
SCALE	DATE
A1@ 1: 500	13.02.26
DRAWN	QUALITY REF
PR	AF
Level datum	
Grid orientation	
Job number	38869G
Drawing No.	
38869G_CCTV	Rev.
	0
Comments	
This plan should only be used for its original purpose. Greenhatch Group accepts no responsibility for this plan if supplied to any party other than the original client.	
All dimensions should be checked on site prior to design and construction.	
Drainage information (where applicable) has been visually inspected from the surface and therefore should be treated as approximate only.	
Notes:	
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CCTV Drainage Survey Report

HAVANT PHASE 3, LANGSTONE TECHNOLOGY
PARK, HAVANT, PO9 1SA

Job No: 26/105
Dated: 01/03/2026
REV 0



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Project Information**Project Name**
Havant Langstone Technology Park**Project Number****Project Date**
12/02/2026**Client**

Company: Greenhatch Group
Contact: Nick Townsend-Smith
Street: Rowan House, Duffield Road
Town or City: Derby
Post Code: DE21 5DR
Phone: 01332 830044
Email: utilities@greenhatch-group.co.uk

**Site**

Company: HAVANT PHASE 3
Street: LANGSTONE TECHNOLOGY PARK
Town or City: HAVANT
Post Code: PO9 1SA

Contractor

Company: Sewerworx Limited
Contact: Andrew Froggatt
Department: Director
Town or City: Sheffield
Post Code: S26
Email: andrew.froggatt@sewerworx.co.uk



Scoring Summary

Project Name
Havant Langstone Technology Park

Project Number

Project Date
12/02/2026

Structural Defects

- Grade 3: Best practice suggests consideration should be given to repairs in the medium term.
- Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.
- Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
15	11AX	5	Collapsed drain or sewer, 100% cross-sectional area loss
21	12AX	4	Multiple defects
28	MH17X	4	Multiple defects
31	MH22X	4	Surface damage, visible reinforcement at 10 o'clock
55	37BX	5	Collapsed drain or sewer, 70% cross-sectional area loss
67	MH41X	4	Multiple defects
68	GY4X	4	Hole in drain or sewer at 12 o'clock
79	MH53X	4	Fractures, multiple from 12 o'clock to 12 o'clock
81	65AX	4	Multiple defects
91	74CX	5	Deformed sewer or drain, 80%
94	MH77X	3	Multiple defects

Service / Operational Condition

- Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.
- Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.
- Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
1	MH1X	3	Settled deposits, fine, 10% cross-sectional area loss
2	2AX	3	Settled deposits, coarse, 10% cross-sectional area loss
4	4AX	4	Settled deposits, fine, 20% cross-sectional area loss, finish
5	MH4X	4	Settled deposits, fine, 20% cross-sectional area loss
7	MH3X	4	Settled deposits, coarse, 20% cross-sectional area loss, finish
8	MH6X	3	Settled deposits, hard or compacted, 10% cross-sectional area loss
10	8BX	4	Settled deposits, fine, 20% cross-sectional area loss, finish
12	9BX	3	Settled deposits, fine, 10% cross-sectional area loss
13	9CX	3	Multiple defects
15	11AX	3	Settled deposits, fine, 5% cross-sectional area loss, finish
16	11BX	3	Settled deposits, other, 10% cross-sectional area loss
17	11CX	5	Settled deposits, other, 90% cross-sectional area loss
20	10BX	3	Multiple defects
21	12AX	4	Multiple defects
22	MH12X	4	Settled deposits, other, 20% cross-sectional area loss

Scoring Summary

Project Name
Havant Langstone Technology Park

Project Number

Project Date
12/02/2026

Section	PLR	Grade	Description
23	14AX	4	Settled deposits, other, 30% cross-sectional area loss
28	MH17X	3	Multiple defects
29	MH20X	3	Multiple defects
30	MH21X	3	Multiple defects
31	MH22X	4	Settled deposits, coarse, 20% cross-sectional area loss
32	MH24X	3	Settled deposits, fine, 5% cross-sectional area loss, finish
33	MH23X	4	Multiple defects
34	MH26X	5	Settled deposits, coarse, 80% cross-sectional area loss
35	MH28X	4	Settled deposits, coarse, 20% cross-sectional area loss
39	MH10X	3	Settled deposits, fine, 5% cross-sectional area loss
40	MH30X	3	Settled deposits, coarse, 5% cross-sectional area loss, finish
43	MH33X	4	Settled deposits, coarse, 20% cross-sectional area loss
44	MH32AX	4	Settled deposits, fine, 40% cross-sectional area loss
45	MH32AY	4	Multiple defects
46	MH32AZ	4	Settled deposits, fine, 45% cross-sectional area loss, finish
47	MH34X	4	Settled deposits, fine, 30% cross-sectional area loss
51	36AX	3	Multiple defects
53	36CX	3	Settled deposits, hard or compacted, 10% cross-sectional area loss, finish
55	37BX	4	Multiple defects
56	MH37X	4	Multiple defects
57	MH38X	5	Other obstacles, other object in invert from 4 o'clock to 8 o'clock, 40% cross-sectional area loss
58	38AX	4	Settled deposits, hard or compacted, 20% cross-sectional area loss
59	38BX	4	Multiple defects
62	39BX	5	Settled deposits, coarse, 100% cross-sectional area loss
63	MH39X	4	Settled deposits, other, 40% cross-sectional area loss
64	MH39X	4	Settled deposits, coarse, 40% cross-sectional area loss
65	MH40X	3	Settled deposits, coarse, 5% cross-sectional area loss, finish
67	MH41X	4	Deformed sewer or drain, 25%
71	MH50X	5	Roots, mass, 90% cross-sectional area loss
75	MH50X	5	Roots, mass, 90% cross-sectional area loss
77	MH51X	5	Settled deposits, other, 90% cross-sectional area loss
79	MH53X	4	Joint displaced, large
80	MH56X	4	Settled deposits, hard or compacted, 30% cross-sectional area loss, finish
82	65BX	4	Settled deposits, fine, 35% cross-sectional area loss, finish
84	MH67X	3	Settled deposits, coarse, 10% cross-sectional area loss, finish
85	67AX	3	Settled deposits, coarse, 10% cross-sectional area loss, finish
86	67BX	3	Multiple defects
87	MH72X	3	Multiple defects
88	72AX	3	Multiple defects
90	74AX	4	Settled deposits, fine, 35% cross-sectional area loss
91	74CX	5	Deformed sewer or drain, 80%
93	GY30X	4	Settled deposits, fine, 20% cross-sectional area loss, finish
94	MH77X	3	Multiple defects
95	MH25X	3	Multiple defects

Scoring Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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Section	PLR	Grade	Description
96	MH76X	3	Multiple defects
97	MH78X	3	Multiple defects
98	42BX	4	Settled deposits, coarse, 20% cross-sectional area loss, finish
99	MH43X	3	Settled deposits, fine, 5% cross-sectional area loss, finish
100	MH80X	3	Multiple defects
101	MH42X	3	Multiple defects

Abandoned Surveys

Section	PLR	Description
4	4AX	Survey abandoned
15	11AX	Survey abandoned
19	10AX	Survey abandoned
52	36BX	Survey abandoned
55	37BX	Survey abandoned
57	MH38X	Survey abandoned
61	MH38X	Survey abandoned
62	39BX	Survey abandoned
63	MH39X	Survey abandoned
64	MH39X	Survey abandoned
67	MH41X	Survey abandoned
71	MH50X	Survey abandoned
75	MH50X	Survey abandoned
77	MH51X	Survey abandoned
82	65BX	Survey abandoned
86	67BX	Survey abandoned
90	74AX	Survey abandoned
91	74CX	Survey abandoned
93	GY30X	Survey abandoned
95	MH25X	Survey abandoned
101	MH42X	Survey abandoned

Information

These scoring summaries are based on the SRM grading from the WRc.

Section Profile

Project Name
Havant Langstone Technology Park

Project Number

Project Date
12/02/2026

Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	MH1	MH2	09/02/2026	Langstone Tecnology Park	Vitrified clay	51.10 m	51.10 m
2	2A	MH2	09/02/2026	Langstone Tecnology Park	Cast iron	11.12 m	11.12 m
4	4A	MH4	09/02/2026	Langstone Tecnology Park	Vitrified clay	39.82 m	39.82 m
5	MH4	4X	09/02/2026	Langstone Tecnology Park	Vitrified clay	0.83 m	0.83 m
9	8A	MH8	09/02/2026	Langstone Tecnology Park	Cast iron	8.87 m	8.87 m
10	8B	MH8	09/02/2026	Langstone Tecnology Park	Cast iron	8.40 m	8.40 m
11	MH8	MH9	09/02/2026	Langstone Tecnology Park	Cast iron	10.88 m	10.88 m
12	9B	MH9	09/02/2026	Langstone Tecnology Park	Polyvinyl chloride	6.74 m	6.74 m
15	11A	MH11	09/02/2026	Langstone Tecnology Park	Polyvinyl chloride	2.12 m	2.12 m
17	11C	MH11	09/02/2026	Langstone Tecnology Park	Vitrified clay	6.15 m	6.15 m
20	10B	MH10	09/02/2026	Langstone Tecnology Park	Vitrified clay	8.99 m	8.99 m
21	12A	MH12	09/02/2026	Langstone Tecnology Park	Vitrified clay	20.34 m	20.34 m
23	14A	MH14	09/02/2026	Langstone Tecnology Park	Polyvinyl chloride	18.93 m	18.93 m
24	MH14	MH15	09/02/2026	Langstone Tecnology Park	Polyvinyl chloride	13.72 m	13.72 m
25	MH15	MH16	09/02/2026	Langstone Tecnology Park	Polyvinyl chloride	5.20 m	5.20 m
35	MH28	MH23	10/02/2026	Langstone Tecnology Park	Polyvinyl chloride	2.25 m	2.25 m
50	MH36	MH35	10/02/2026	Langstone Tecnology Park	Vitrified clay	4.85 m	4.85 m
51	36A	MH36	10/02/2026	Langstone Tecnology Park	Vitrified clay	9.22 m	9.22 m
52	36B	MH36	10/02/2026	Langstone Tecnology Park	Polyvinyl chloride	35.15 m	35.15 m
53	36C	MH36	10/02/2026	Langstone Tecnology Park	Cast iron	9.46 m	9.46 m
54	37A	MH37	10/02/2026	Langstone Tecnology Park	Polyvinyl chloride	8.28 m	8.28 m
55	37B	MH37	10/02/2026	Langstone Tecnology Park	Pitch fibre	9.47 m	9.47 m
56	MH37	Main	10/02/2026	Langstone Tecnology Park	Polyvinyl chloride	12.89 m	12.89 m
67	MH41	MH42	11/02/2026	Langstone Tecnology Park	Pitch fibre	4.26 m	4.26 m
68	GY4	MH43	11/02/2026	Langstone Tecnology Park	Pitch fibre	15.02 m	15.02 m
69	GY5	Main	11/02/2026	Langstone Tecnology Park	Vitrified clay	2.36 m	2.36 m
70	GY6	Main	11/02/2026	Langstone Tecnology Park	Vitrified clay	0.47 m	0.47 m
71	MH50	MH51	12/02/2026	Langstone Tecnology Park	Vitrified clay	20.00 m	20.00 m
72	50A	MH50	12/02/2026	Langstone Tecnology Park	Cast iron	6.86 m	6.86 m

Section Profile

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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73	50B	MH50	12/02/2026	Langstone Technology Park	Vitrified clay	1.42 m	1.42 m
74	50C	MH50	12/02/2026	Langstone Technology Park	Vitrified clay	9.47 m	9.47 m
75	MH50	MH51	12/02/2026	Langstone Technology Park	Vitrified clay	8.75 m	8.75 m
76	51A	MH51	12/02/2026	Langstone Technology Park	Vitrified clay	1.42 m	1.42 m
77	MH51	MH52	12/02/2026	Langstone Technology Park	Vitrified clay	14.43 m	14.43 m
78	MH54	MH53	12/02/2026	Langstone Technology Park	Vitrified clay	6.03 m	6.03 m
79	MH53	MH55	12/02/2026	Langstone Technology Park	Vitrified clay	14.78 m	14.78 m
81	65A	MH65	12/02/2026	Langstone Technology Park	Vitrified clay	6.62 m	6.62 m
82	65B	MH65	12/02/2026	Langstone Technology Park	Pitch fibre	1.42 m	1.42 m
83	MH65	MH66	12/02/2026	Langstone Technology Park	Pitch fibre	2.95 m	2.95 m
84	MH67	MH16	12/02/2026	Langstone Technology Park	Vitrified clay	13.61 m	13.61 m
85	67A	MH67	12/02/2026	Langstone Technology Park	Vitrified clay	4.96 m	4.96 m
86	67B	MH67	12/02/2026	Langstone Technology Park	Vitrified clay	21.19 m	21.19 m
88	72A	MH72	12/02/2026	Langstone Technology Park	Vitrified clay	27.60 m	27.60 m
89	72B	MH72	12/02/2026	Langstone Technology Park	Vitrified clay	1.54 m	1.54 m
90	74A	MH74	12/02/2026	Langstone Technology Park	Pitch fibre	5.00 m	0.30 m
91	74C	MH74	12/02/2026	Langstone Technology Park	Pitch fibre	2.48 m	2.48 m
92	74D	MH74	12/02/2026	Langstone Technology Park	Vitrified clay	6.03 m	6.03 m
93	GY30	30X	12/02/2026	Langstone Technology Park	Vitrified clay	4.14 m	4.14 m

Total: 48 Inspections x Circular 100 mm, 0 mm = 507.59 m Total Length and 502.89 m Inspected Length

Circular, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
3	MH2	MH3	09/02/2026	Langstone Technology Park	Cast iron	22.39 m	22.39 m
6	MH5	MH3	09/02/2026	Langstone Technology Park	Cast iron	24.49 m	24.49 m
7	MH3	MH6	09/02/2026	Langstone Technology Park	Cast iron	27.44 m	27.44 m
8	MH6	MH7	09/02/2026	Langstone Technology Park	Cast iron	18.71 m	18.71 m
16	11B	MH11	09/02/2026	Langstone Technology Park	Cast iron	23.04 m	23.04 m
18	MH11	MH12	09/02/2026	Langstone Technology Park	Cast iron	5.56 m	5.56 m
22	MH12	MH13A	09/02/2026	Langstone Technology Park	Cast iron	26.93 m	26.93 m
36	GY1	MH28	10/02/2026	Langstone Technology Park	Polyvinyl chloride	0.24 m	0.24 m
37	GY2	MH29	10/02/2026	Langstone Technology Park	Polyvinyl chloride	0.24 m	0.24 m

Section Profile

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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38	MH29	Main	10/02/2026	Langstone Technology Park	Vitrified clay	1.66 m	1.66 m
44	MH32A	MH32	10/02/2026	Langstone Technology Park	Polyvinyl chloride	5.32 m	5.32 m
45	MH32A	MH32	10/02/2026	Langstone Technology Park	Polyvinyl chloride	5.20 m	5.20 m
46	MH32A	MH32	10/02/2026	Langstone Technology Park	Polyvinyl chloride	5.79 m	5.79 m
48	35B	MH35	10/02/2026	Langstone Technology Park	Cast iron	8.40 m	8.40 m
49	MH35	MH5	10/02/2026	Langstone Technology Park	Cast iron	30.70 m	30.70 m
57	MH38	MH39	11/02/2026	Langstone Technology Park	Pitch fibre	5.13 m	5.13 m
58	38A	MH38	11/02/2026	Langstone Technology Park	Vitrified clay	3.79 m	3.79 m
59	38B	MH38	11/02/2026	Langstone Technology Park	Vitrified clay	28.78 m	28.78 m
60	GY3	Main	11/02/2026	Langstone Technology Park	Vitrified clay	1.78 m	1.78 m
61	MH38	MH39	11/02/2026	Langstone Technology Park	Pitch fibre	24.32 m	24.32 m
62	39B	MH39	11/02/2026	Langstone Technology Park	Vitrified clay	0.24 m	0.24 m
63	MH39	MH40	11/02/2026	Langstone Technology Park	Pitch fibre	7.45 m	7.45 m
64	MH39	MH40	11/02/2026	Langstone Technology Park	Vitrified clay	0.48 m	0.48 m
65	MH40	MH33C	11/02/2026	Langstone Technology Park	Cast iron	15.02 m	15.02 m
66	MH33C	MH33	11/02/2026	Langstone Technology Park	Cast iron	8.98 m	8.98 m
80	MH56	Main	12/02/2026	Langstone Technology Park	Vitrified clay	2.49 m	2.49 m
87	MH72	MH73	12/02/2026	Langstone Technology Park	Vitrified clay	31.36 m	31.36 m
98	42B	MH42	12/02/2026	Langstone Technology Park	Polyvinyl chloride	1.30 m	1.30 m

Total: 28 Inspections x Circular 150 mm, 0 mm = 337.23 m Total Length and 337.23 m Inspected Length

Circular, 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
13	9C	MH9	09/02/2026	Langstone Technology Park	Cast iron	13.48 m	13.48 m
14	MH9	MH10	09/02/2026	Langstone Technology Park	Cast iron	36.47 m	36.47 m
19	10A	MH10	09/02/2026	Langstone Technology Park	Cast iron	40.55 m	40.55 m
47	MH34	MH32A	10/02/2026	Langstone Technology Park	Polyvinyl chloride	40.82 m	40.82 m

Total: 4 Inspections x Circular 225 mm, 0 mm = 131.32 m Total Length and 131.32 m Inspected Length

Circular, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
26	MH18	MH17	10/02/2026	Langstone Technology Park	Concrete	5.79 m	5.79 m
27	MH19	MH18	10/02/2026	Langstone Technology Park	Concrete	43.65 m	43.65 m

Section Profile

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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28	MH17	MH20	10/02/2026	Langstone Tecnology Park	Concrete	57.82 m	57.82 m
32	MH24	MH21	10/02/2026	Langstone Tecnology Park	Concrete	17.16 m	17.16 m
34	MH26	MH23	10/02/2026	Langstone Tecnology Park	Concrete	13.15 m	13.15 m
39	MH10	MH30	10/02/2026	Langstone Tecnology Park	Cast iron	42.03 m	42.03 m
40	MH30	MH25	10/02/2026	Langstone Tecnology Park	Cast iron	17.33 m	17.33 m
41	MH31	MH32	10/02/2026	Langstone Tecnology Park	Concrete	2.24 m	2.24 m
42	MH32	MH19	10/02/2026	Langstone Tecnology Park	Concrete	1.52 m	1.52 m
43	MH33	MH31	10/02/2026	Langstone Tecnology Park	Concrete	24.61 m	24.61 m
94	MH77	MH76	12/02/2026	Langstone Tecnology Park	Vitrified clay	15.87 m	15.87 m

Total: 11 Inspections x Circular 300 mm, 0 mm = 241.17 m Total Length and 241.17 m Inspected Length

Circular, 375 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
29	MH20	MH21	10/02/2026	Langstone Tecnology Park	Concrete	17.53 m	17.53 m

Total: 1 Inspection x Circular 375 mm, 0 mm = 17.53 m Total Length and 17.53 m Inspected Length

Circular, 450 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
30	MH21	MH22	10/02/2026	Langstone Tecnology Park	Concrete	35.81 m	35.81 m
31	MH22	MH23	10/02/2026	Langstone Tecnology Park	Concrete	54.82 m	54.82 m
33	MH23	MH25	10/02/2026	Langstone Tecnology Park	Concrete	45.54 m	45.54 m
95	MH25	MH76	12/02/2026	Langstone Tecnology Park	Concrete	23.93 m	23.93 m
96	MH76	MH78	12/02/2026	Langstone Tecnology Park	Concrete	28.45 m	28.45 m
97	MH78	MH79	12/02/2026	Langstone Tecnology Park	Concrete	47.73 m	47.73 m

Total: 6 Inspections x Circular 450 mm, 0 mm = 236.28 m Total Length and 236.28 m Inspected Length

Circular, 675 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
99	MH43	MH80	12/02/2026	Langstone Tecnology Park	Concrete	6.44 m	6.44 m
100	MH80	MH42	12/02/2026	Langstone Tecnology Park	Concrete	52.53 m	52.53 m
101	MH42	MH74	12/02/2026	Langstone Tecnology Park	Concrete	9.12 m	9.12 m

Total: 3 Inspections x Circular 675 mm, 0 mm = 68.09 m Total Length and 68.09 m Inspected Length

Total: 101 Inspections = 1539.21 m Total Length and 1534.51 m Inspected Length

Section Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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Number of sections	101
Total length of sections	1539.21 m
Total length of inspected sections	1534.51 m
Total length of not inspected sections	4.70 m
Number of abandoned inspections	21
Number of section inspection photos	166
Number of section inspection videos	101
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	MH1X	Upstream Node:	MH1
Inspection Direction:	Downstream	Downstream Node:	MH2
Inspected Length:	51.10 m	Dia/Height:	100 mm
Total Length:	51.10 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH1
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.36	MCCI	Pipe material changes to cast iron at this point
4	0.36	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
5	0.36	DES	Settled deposits, fine, 10% cross-sectional area loss
6	0.36	SC	Pipe size changes, new size(s), 150mm high
7	10.06	GP	General photograph taken at this point
8	23.77	GP	General photograph taken at this point
9	34.40	GP	General photograph taken at this point
10	49.60	GP	General photograph taken at this point
11	51.10	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
12	51.10	MHF	Finish node, manhole, reference: MH2

PLR:	2AX	Upstream Node:	2A
Inspection Direction:	Upstream	Downstream Node:	MH2
Inspected Length:	11.12 m	Dia/Height:	100 mm
Total Length:	11.12 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH2
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	2.49	WL	Water level, 10% of the vertical dimension

Section Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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No.	m+	Code	Observation
5	8.64	GP	General photograph taken at this point
6	10.65	DER	Settled deposits, coarse, 10% cross-sectional area loss
7	11.12	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	11.12	MHF	Finish node, manhole, reference: 2A

PLR:	MH2X	Upstream Node:	MH2
Inspection Direction:	Downstream	Downstream Node:	MH3
Inspected Length:	22.39 m	Dia/Height:	150 mm
Total Length:	22.39 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH2
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	14.26	GP	General photograph taken at this point
5	22.39	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
6	22.39	MHF	Finish node, manhole, reference: MH3

PLR:	4AX	Upstream Node:	4A
Inspection Direction:	Upstream	Downstream Node:	MH4
Inspected Length:	39.82 m	Dia/Height:	100 mm
Total Length:	39.82 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH4
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 20% cross-sectional area loss, start
4	4.38	DES	Settled deposits, fine, 20% cross-sectional area loss, finish
5	7.92	DER	Settled deposits, coarse, 5% cross-sectional area loss
6	8.99	DES	Settled deposits, fine, 5% cross-sectional area loss
7	10.17	GP	General photograph taken at this point
8	11.59	LR	Line deviates right
9	14.31	DES	Settled deposits, fine, 10% cross-sectional area loss
10	26.77	DES	Settled deposits, fine, 5% cross-sectional area loss
11	32.23	DES	Settled deposits, fine, 10% cross-sectional area loss
12	38.20	DER	Settled deposits, coarse, 5% cross-sectional area loss
13	39.82	SA	Survey abandoned

PLR:	MH4X	Upstream Node:	MH4
Inspection Direction:	Downstream	Downstream Node:	4X
Inspected Length:	0.83 m	Dia/Height:	100 mm
Total Length:	0.83 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH4
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.36	DES	Settled deposits, fine, 20% cross-sectional area loss
4	0.83	REM	General remark

Section Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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No.	m+	Code	Observation																
5	0.83	OCF	Finish node, other special chamber, reference: 4X																
<table> <tr> <td>PLR:</td><td>MH5X</td><td>Upstream Node:</td><td>MH5</td></tr> <tr> <td>Inspection Direction:</td><td>Upstream</td><td>Downstream Node:</td><td>MH3</td></tr> <tr> <td>Inspected Length:</td><td>24.49 m</td><td>Dia/Height:</td><td>150 mm</td></tr> <tr> <td>Total Length:</td><td>24.49 m</td><td>Material:</td><td>Cast iron</td></tr> </table>				PLR:	MH5X	Upstream Node:	MH5	Inspection Direction:	Upstream	Downstream Node:	MH3	Inspected Length:	24.49 m	Dia/Height:	150 mm	Total Length:	24.49 m	Material:	Cast iron
PLR:	MH5X	Upstream Node:	MH5																
Inspection Direction:	Upstream	Downstream Node:	MH3																
Inspected Length:	24.49 m	Dia/Height:	150 mm																
Total Length:	24.49 m	Material:	Cast iron																
No.	m+	Code	Observation																
1	0.00	MH	Start node, manhole, reference: MH3																
2	0.00	WL	Water level, 15% of the vertical dimension																
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start																
4	2.12	WL	Water level, 10% of the vertical dimension																
5	10.52	WL	Water level, 5% of the vertical dimension																
6	10.52	GP	General photograph taken at this point																
7	21.09	GP	General photograph taken at this point																
8	24.49	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish																
9	24.49	MHF	Finish node, manhole, reference: MH5																
<table> <tr> <td>PLR:</td><td>MH3X</td><td>Upstream Node:</td><td>MH3</td></tr> <tr> <td>Inspection Direction:</td><td>Downstream</td><td>Downstream Node:</td><td>MH6</td></tr> <tr> <td>Inspected Length:</td><td>27.44 m</td><td>Dia/Height:</td><td>150 mm</td></tr> <tr> <td>Total Length:</td><td>27.44 m</td><td>Material:</td><td>Cast iron</td></tr> </table>				PLR:	MH3X	Upstream Node:	MH3	Inspection Direction:	Downstream	Downstream Node:	MH6	Inspected Length:	27.44 m	Dia/Height:	150 mm	Total Length:	27.44 m	Material:	Cast iron
PLR:	MH3X	Upstream Node:	MH3																
Inspection Direction:	Downstream	Downstream Node:	MH6																
Inspected Length:	27.44 m	Dia/Height:	150 mm																
Total Length:	27.44 m	Material:	Cast iron																
No.	m+	Code	Observation																
1	0.00	MH	Start node, manhole, reference: MH3																
2	0.00	WL	Water level, 15% of the vertical dimension																
3	0.00	DER	Settled deposits, coarse, 20% cross-sectional area loss, start																
4	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start																
5	3.43	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish																
6	3.43	WL	Water level, 10% of the vertical dimension																
7	4.85	WL	Water level, 5% of the vertical dimension																
8	6.75	DER	Settled deposits, coarse, 10% cross-sectional area loss, start																
9	6.75	WL	Water level, 10% of the vertical dimension																
10	11.48	WL	Water level, 5% of the vertical dimension																
11	11.48	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish																
12	16.28	GP	General photograph taken at this point																
13	24.90	GP	General photograph taken at this point																
14	27.44	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish																
15	27.44	MHF	Finish node, manhole, reference: MH6																
<table> <tr> <td>PLR:</td><td>MH6X</td><td>Upstream Node:</td><td>MH6</td></tr> <tr> <td>Inspection Direction:</td><td>Downstream</td><td>Downstream Node:</td><td>MH7</td></tr> <tr> <td>Inspected Length:</td><td>18.71 m</td><td>Dia/Height:</td><td>150 mm</td></tr> <tr> <td>Total Length:</td><td>18.71 m</td><td>Material:</td><td>Cast iron</td></tr> </table>				PLR:	MH6X	Upstream Node:	MH6	Inspection Direction:	Downstream	Downstream Node:	MH7	Inspected Length:	18.71 m	Dia/Height:	150 mm	Total Length:	18.71 m	Material:	Cast iron
PLR:	MH6X	Upstream Node:	MH6																
Inspection Direction:	Downstream	Downstream Node:	MH7																
Inspected Length:	18.71 m	Dia/Height:	150 mm																
Total Length:	18.71 m	Material:	Cast iron																
No.	m+	Code	Observation																
1	0.00	MH	Start node, manhole, reference: MH6																
2	0.00	WL	Water level, 5% of the vertical dimension																

Section Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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No.	m+	Code	Observation
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	1.18	LR	Line deviates right
5	3.55	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss
6	8.40	GP	General photograph taken at this point
7	17.38	GP	General photograph taken at this point
8	18.47	REM	General remark
9	18.71	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
10	18.71	MHF	Finish node, manhole, reference: MH7

PLR:	8AX	Upstream Node:	8A
Inspection Direction:	Downstream	Downstream Node:	MH8
Inspected Length:	8.87 m	Dia/Height:	100 mm
Total Length:	8.87 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH8
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	5.91	JN	Junction at 9 o'clock, 100mm dia
5	5.91	GP	General photograph taken at this point
6	8.75	LU	Line deviates up
7	8.87	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	8.87	OCF	Finish node, other special chamber, reference: MH8

PLR:	8BX	Upstream Node:	8B
Inspection Direction:	Upstream	Downstream Node:	MH8
Inspected Length:	8.40 m	Dia/Height:	100 mm
Total Length:	8.40 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH8
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	0.00	DES	Settled deposits, fine, 20% cross-sectional area loss, start
5	4.73	DES	Settled deposits, fine, 20% cross-sectional area loss, finish
6	4.73	GP	General photograph taken at this point
7	8.40	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	8.40	OCF	Finish node, other special chamber, reference: 8B

PLR:	MH8X	Upstream Node:	MH8
Inspection Direction:	Downstream	Downstream Node:	MH9
Inspected Length:	10.88 m	Dia/Height:	100 mm
Total Length:	10.88 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH8
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start

Section Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
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No.	m+	Code	Observation
4	5.21	GP	General photograph taken at this point
5	10.41	MCVC	Pipe material changes to vitrified clay at this point
6	10.41	SC	Pipe size changes, new size(s), 150mm high
7	10.88	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	10.88	MHF	Finish node, manhole, reference: MH9

PLR:	9BX	Upstream Node:	9B
Inspection Direction:	Upstream	Downstream Node:	MH9
Inspected Length:	6.74 m	Dia/Height:	100 mm
Total Length:	6.74 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH9
2	0.00	WL	Water level, 5% of the vertical dimension
3	2.01	GP	General photograph taken at this point
4	5.79	DES	Settled deposits, fine, 10% cross-sectional area loss
5	6.74	OCF	Finish node, other special chamber, reference: 9B

PLR:	9CX	Upstream Node:	9C
Inspection Direction:	Upstream	Downstream Node:	MH9
Inspected Length:	13.48 m	Dia/Height:	225 mm
Total Length:	13.48 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH9
2	0.00	WL	Water level, 15% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	0.95	DER	Settled deposits, coarse, 10% cross-sectional area loss
5	1.54	WL	Water level, 5% of the vertical dimension
6	8.63	GP	General photograph taken at this point
7	10.41	DEC	Settled deposits, hard or compacted, 5% cross-sectional area loss
8	13.48	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
9	13.48	MHF	Finish node, manhole, reference: 9C

PLR:	MH9X	Upstream Node:	MH9
Inspection Direction:	Downstream	Downstream Node:	MH10
Inspected Length:	36.47 m	Dia/Height:	225 mm
Total Length:	36.47 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH9
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	9.23	WL	Water level, 25% of the vertical dimension
5	13.98	GP	General photograph taken at this point
6	13.98	WL	Water level, 15% of the vertical dimension
7	19.08	CUW	Loss of vision, camera under water
8	35.98	WL	Water level, 20% of the vertical dimension

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No.	m+	Code	Observation
9	36.47	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
10	36.47	MHF	Finish node, manhole, reference: MH10

PLR:	11AX	Upstream Node:	11A
Inspection Direction:	Upstream	Downstream Node:	MH11
Inspected Length:	2.12 m	Dia/Height:	100 mm
Total Length:	2.12 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH11
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 5% cross-sectional area loss, start
4	2.01	XP	Collapsed drain or sewer, 100% cross-sectional area loss
5	2.12	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
6	2.12	SA	Survey abandoned

PLR:	11BX	Upstream Node:	11B
Inspection Direction:	Upstream	Downstream Node:	MH11
Inspected Length:	23.04 m	Dia/Height:	150 mm
Total Length:	23.04 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH11
2	0.00	WL	Water level, 25% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	3.31	WL	Water level, 10% of the vertical dimension
5	6.51	GP	General photograph taken at this point
6	21.34	DEX	Settled deposits, other, 10% cross-sectional area loss
7	23.04	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	23.04	MHF	Finish node, manhole, reference: 11B

PLR:	11CX	Upstream Node:	11C
Inspection Direction:	Upstream	Downstream Node:	MH11
Inspected Length:	6.15 m	Dia/Height:	100 mm
Total Length:	6.15 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH11
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.00	JDM	Joint displaced, medium
4	0.00	DES	Settled deposits, fine, 40% cross-sectional area loss
5	0.83	CC	Crack, circumferential from 12 o'clock to 12 o'clock
6	2.96	DES	Settled deposits, fine, 10% cross-sectional area loss
7	4.26	DES	Settled deposits, fine, 30% cross-sectional area loss
8	4.26	JDM	Joint displaced, medium
9	4.26	LR	Line deviates right
10	4.26	GP	General photograph taken at this point
11	5.20	DES	Settled deposits, fine, 40% cross-sectional area loss

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No.	m+	Code	Observation
12	6.03	LR	Line deviates right
13	6.15	DEX	Settled deposits, other, 90% cross-sectional area loss
14	6.15	GYF	Finish node, gully, reference: 11C

PLR:	MH11X	Upstream Node:	MH11
Inspection Direction:	Downstream	Downstream Node:	MH12
Inspected Length:	5.56 m	Dia/Height:	150 mm
Total Length:	5.56 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH11
2	0.00	WL	Water level, 20% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	0.59	GP	General photograph taken at this point
5	1.30	CUW	Loss of vision, camera under water
6	5.09	WL	Water level, 20% of the vertical dimension
7	5.56	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	5.56	MHF	Finish node, manhole, reference: MH12

PLR:	10AX	Upstream Node:	10A
Inspection Direction:	Upstream	Downstream Node:	MH10
Inspected Length:	40.55 m	Dia/Height:	225 mm
Total Length:	40.55 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH10
2	0.00	WL	Water level, 25% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	8.87	CUW	Loss of vision, camera under water
5	15.85	WL	Water level, 30% of the vertical dimension
6	15.85	GP	General photograph taken at this point
7	20.03	WL	Water level, 20% of the vertical dimension
8	25.97	WL	Water level, 10% of the vertical dimension
9	25.97	GP	General photograph taken at this point
10	31.07	WL	Water level, 15% of the vertical dimension
11	40.55	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
12	40.55	SA	Survey abandoned

PLR:	10BX	Upstream Node:	10B
Inspection Direction:	Upstream	Downstream Node:	MH10
Inspected Length:	8.99 m	Dia/Height:	100 mm
Total Length:	8.99 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH10
2	0.00	WL	Water level, 30% of the vertical dimension
3	0.00	IRJ	Infiltration, running at joint from 8 o'clock to 4 o'clock
4	0.12	CUW	Loss of vision, camera under water

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No.	m+	Code	Observation
5	2.49	JDM	Joint displaced, medium
6	3.43	WL	Water level, 30% of the vertical dimension
7	3.79	WL	Water level, 5% of the vertical dimension
8	3.79	JDM	Joint displaced, medium
9	3.79	GP	General photograph taken at this point
10	7.22	JDM	Joint displaced, medium
11	7.22	WL	Water level, 15% of the vertical dimension
12	8.99	WL	Water level, 5% of the vertical dimension
13	8.99	LU	Line deviates up
14	8.99	LR	Line deviates right
15	8.99	JDM	Joint displaced, medium
16	8.99	MHF	Finish node, manhole, reference: 10B

PLR:	12AX	Upstream Node:	12A
Inspection Direction:	Upstream	Downstream Node:	MH12
Inspected Length:	20.34 m	Dia/Height:	100 mm
Total Length:	20.34 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH12
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.30	JN	Junction at 6 o'clock, 100mm dia
4	2.48	H	Hole in drain or sewer from 9 o'clock to 11 o'clock
5	2.48	DES	Settled deposits, fine, 10% cross-sectional area loss
6	2.96	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
7	4.49	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
8	6.98	DER	Settled deposits, coarse, 10% cross-sectional area loss
9	6.98	GP	General photograph taken at this point
10	10.41	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
11	10.88	H	Hole in drain or sewer from 1 o'clock to 3 o'clock
12	11.71	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
13	11.71	DES	Settled deposits, fine, 5% cross-sectional area loss
14	12.89	FL	Fracture, longitudinal at 9 o'clock
15	12.89	FL	Fracture, longitudinal at 12 o'clock
16	13.01	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
17	14.31	CLJ	Crack, longitudinal at joint at 3 o'clock
18	14.78	FL	Fracture, longitudinal at 8 o'clock
19	14.78	FL	Fracture, longitudinal at 4 o'clock
20	14.78	FC	Fracture, circumferential from 7 o'clock to 5 o'clock
21	16.08	FL	Fracture, longitudinal at 8 o'clock
22	16.08	FL	Fracture, longitudinal at 10 o'clock
23	18.80	FL	Fracture, longitudinal at 2 o'clock
24	18.80	FL	Fracture, longitudinal at 10 o'clock
25	19.16	FM	Fractures, multiple from 12 o'clock to 12 o'clock
26	19.75	D	Deformed sewer or drain, 10%

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No.	m+	Code	Observation
27	19.75	B	Broken pipe from 2 o'clock to 8 o'clock
28	20.34	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
29	20.34	MHF	Finish node, manhole, reference: 12A

PLR:	MH12X	Upstream Node:	MH12
Inspection Direction:	Downstream	Downstream Node:	MH13A
Inspected Length:	26.93 m	Dia/Height:	150 mm
Total Length:	26.93 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH12
2	0.00	WL	Water level, 20% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	1.06	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss
5	1.54	WL	Water level, 10% of the vertical dimension
6	9.46	WL	Water level, 20% of the vertical dimension
7	10.88	DEX	Settled deposits, other, 20% cross-sectional area loss
8	11.95	WL	Water level, 10% of the vertical dimension
9	11.95	GP	General photograph taken at this point
10	20.62	GP	General photograph taken at this point
11	25.47	WL	Water level, 20% of the vertical dimension
12	26.93	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
13	26.93	MHF	Finish node, manhole, reference: MH13A

PLR:	14AX	Upstream Node:	14A
Inspection Direction:	Upstream	Downstream Node:	MH14
Inspected Length:	18.93 m	Dia/Height:	100 mm
Total Length:	18.93 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH14
2	0.00	WL	Water level, 5% of the vertical dimension
3	12.30	JN	Junction at 9 o'clock, 100mm dia
4	12.30	GP	General photograph taken at this point
5	14.67	JN	Junction at 9 o'clock, 100mm dia
6	18.34	JN	Junction at 3 o'clock, 100mm dia
7	18.34	GP	General photograph taken at this point
8	18.81	DEX	Settled deposits, other, 30% cross-sectional area loss
9	18.93	LU	Line deviates up
10	18.93	OCF	Finish node, other special chamber, reference: 14A

PLR:	MH14X	Upstream Node:	MH14
Inspection Direction:	Downstream	Downstream Node:	MH15
Inspected Length:	13.72 m	Dia/Height:	100 mm
Total Length:	13.72 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH14

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No.	m+	Code	Observation
2	0.00	WL	Water level, 5% of the vertical dimension
3	3.43	GP	General photograph taken at this point
4	12.42	JN	Junction at 10 o'clock, 100mm dia
5	13.49	LR	Line deviates right
6	13.72	MHF	Finish node, manhole, reference: MH15

PLR:	MH15X	Upstream Node:	MH15
Inspection Direction:	Downstream	Downstream Node:	MH16
Inspected Length:	5.20 m	Dia/Height:	100 mm
Total Length:	5.20 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH15
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	LR	Line deviates right
4	4.37	GP	General photograph taken at this point
5	5.08	REM	General remark
6	5.20	MHF	Finish node, manhole, reference: MH16

PLR:	MH18X	Upstream Node:	MH18
Inspection Direction:	Upstream	Downstream Node:	MH17
Inspected Length:	5.79 m	Dia/Height:	300 mm
Total Length:	5.79 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH17
2	0.00	WL	Water level, 5% of the vertical dimension
3	3.51	GP	General photograph taken at this point
4	5.79	MHF	Finish node, manhole, reference: MH18

PLR:	MH19X	Upstream Node:	MH19
Inspection Direction:	Upstream	Downstream Node:	MH18
Inspected Length:	43.65 m	Dia/Height:	300 mm
Total Length:	43.65 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH18
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.43	LXSS	Defective lining, separated seam cover at 4 o'clock
4	4.21	LXWL	Defective lining, wrinkled (longitudinal) at 2 o'clock
5	5.95	LXSS	Defective lining, separated seam cover at 4 o'clock
6	7.74	CN	Connection other than junction at 2 o'clock, 100mm dia
7	7.74	LXSS	Defective lining, separated seam cover at 4 o'clock
8	9.50	LXWL	Defective lining, wrinkled (longitudinal) at 3 o'clock
9	12.96	LXSS	Defective lining, separated seam cover at 4 o'clock
10	14.20	CN	Connection other than junction at 2 o'clock, 100mm dia
11	14.88	LXSS	Defective lining, separated seam cover at 4 o'clock
12	15.58	LXWL	Defective lining, wrinkled (longitudinal) at 1 o'clock

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No.	m+	Code	Observation
13	16.69	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
14	17.48	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock
15	18.63	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock
16	19.26	LXSS	Defective lining, separated seam cover at 4 o'clock
17	20.29	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock
18	21.10	LXSS	Defective lining, separated seam cover at 4 o'clock
19	21.10	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
20	21.80	LXWC	Defective lining, wrinkled (circumferential) from 4 o'clock to 6 o'clock
21	22.43	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
22	25.08	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock
23	25.98	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
24	26.32	CN	Connection other than junction at 2 o'clock, 150mm dia
25	26.83	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
26	34.22	CN	Connection other than junction at 2 o'clock, 100mm dia
27	34.22	GP	General photograph taken at this point
28	35.28	LXSS	Defective lining, separated seam cover at 3 o'clock
29	36.05	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
30	39.61	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock
31	42.83	LXWL	Defective lining, wrinkled (longitudinal) at 6 o'clock
32	43.65	MHF	Finish node, manhole, reference: MH19

PLR:	MH17X	Upstream Node:	MH17
Inspection Direction:	Downstream	Downstream Node:	MH20
Inspected Length:	57.82 m	Dia/Height:	300 mm
Total Length:	57.82 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH17
2	0.00	WL	Water level, 5% of the vertical dimension
3	7.85	SRV	Surface damage, visible reinforcement at 10 o'clock
4	7.85	CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%
5	15.28	SRV	Surface damage, visible reinforcement from 12 o'clock to 1 o'clock
6	15.28	CXI	Connection defective, connecting pipe is intruding at 1 o'clock, 100mm dia, intrusion: 10%
7	21.31	DER	Settled deposits, coarse, 5% cross-sectional area loss
8	31.18	SRV	Surface damage, visible reinforcement from 9 o'clock to 1 o'clock
9	31.18	CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%
10	32.28	CL	Crack, longitudinal at 12 o'clock
11	36.66	CL	Crack, longitudinal at 12 o'clock
12	55.50	WL	Water level, 10% of the vertical dimension
13	55.50	RPL	Point repair, localised lining from 12 o'clock to 12 o'clock
14	57.82	MHF	Finish node, manhole, reference: MH20

PLR:	MH20X	Upstream Node:	MH20
Inspection Direction:	Downstream	Downstream Node:	MH21
Inspected Length:	17.53 m	Dia/Height:	375 mm
Total Length:	17.53 m	Material:	Concrete

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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH20
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 10% cross-sectional area loss, start
4	2.99	DER	Settled deposits, coarse, 10% cross-sectional area loss
5	4.89	DER	Settled deposits, coarse, 5% cross-sectional area loss
6	9.94	DES	Settled deposits, fine, 10% cross-sectional area loss, finish
7	17.53	MHF	Finish node, manhole, reference: MH21

PLR:	MH21X	Upstream Node:	MH21
Inspection Direction:	Downstream	Downstream Node:	MH22
Inspected Length:	35.81 m	Dia/Height:	450 mm
Total Length:	35.81 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH21
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.70	DEC	Settled deposits, hard or compacted, 5% cross-sectional area loss
4	8.17	DER	Settled deposits, coarse, 15% cross-sectional area loss, start
5	8.17	WL	Water level, 15% of the vertical dimension
6	10.71	OJM	Open joint, medium
7	17.11	WL	Water level, 10% of the vertical dimension
8	17.11	DER	Settled deposits, coarse, 15% cross-sectional area loss, finish
9	18.60	DER	Settled deposits, coarse, 10% cross-sectional area loss
10	24.78	GP	General photograph taken at this point
11	35.81	MHF	Finish node, manhole, reference: MH22

PLR:	MH22X	Upstream Node:	MH22
Inspection Direction:	Downstream	Downstream Node:	MH23
Inspected Length:	54.82 m	Dia/Height:	450 mm
Total Length:	54.82 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH22
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.65	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss
4	1.66	DER	Settled deposits, coarse, 15% cross-sectional area loss, start
5	6.11	SRV	Surface damage, visible reinforcement at 10 o'clock
6	6.11	CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%
7	7.16	DER	Settled deposits, coarse, 15% cross-sectional area loss, finish
8	20.29	GP	General photograph taken at this point
9	25.91	WL	Water level, 20% of the vertical dimension
10	25.91	DER	Settled deposits, coarse, 5% cross-sectional area loss
11	28.77	DER	Settled deposits, coarse, 10% cross-sectional area loss
12	30.04	RPL	Point repair, localised lining from 12 o'clock to 12 o'clock
13	30.48	LXD	Defective lining, detached from 8 o'clock to 10 o'clock
14	30.48	CN	Connection other than junction at 10 o'clock, 10mm dia
15	31.96	WL	Water level, 20% of the vertical dimension

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No.	m+	Code	Observation
16	34.88	CUW	Loss of vision, camera under water
17	36.87	WL	Water level, 20% of the vertical dimension
18	48.17	WL	Water level, 15% of the vertical dimension
19	48.17	GP	General photograph taken at this point
20	54.74	DER	Settled deposits, coarse, 20% cross-sectional area loss
21	54.82	MHF	Finish node, manhole, reference: MH23

PLR:	MH24X	Upstream Node:	MH24
Inspection Direction:	Upstream	Downstream Node:	MH21
Inspected Length:	17.16 m	Dia/Height:	300 mm
Total Length:	17.16 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH21
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 5% cross-sectional area loss, start
4	4.00	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
5	4.00	GP	General photograph taken at this point
6	13.27	LL	Line deviates left
7	17.02	REM	General remark
8	17.16	OCF	Finish node, other special chamber, reference: MH24

PLR:	MH23X	Upstream Node:	MH23
Inspection Direction:	Downstream	Downstream Node:	MH25
Inspected Length:	45.54 m	Dia/Height:	450 mm
Total Length:	45.54 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH23
2	0.00	WL	Water level, 20% of the vertical dimension
3	2.01	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
4	6.18	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
5	6.18	GP	General photograph taken at this point
6	12.56	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
7	16.25	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
8	19.62	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
9	21.68	WL	Water level, 30% of the vertical dimension
10	22.82	CUW	Loss of vision, camera under water
11	23.29	WL	Water level, 35% of the vertical dimension
12	23.50	CN	Connection other than junction at 2 o'clock, 100mm dia
13	23.90	CUW	Loss of vision, camera under water
14	24.58	WL	Water level, 30% of the vertical dimension
15	24.97	WL	Water level, 20% of the vertical dimension
16	32.04	CUW	Loss of vision, camera under water
17	37.33	WL	Water level, 30% of the vertical dimension
18	37.95	CUW	Loss of vision, camera under water
19	40.32	WL	Water level, 30% of the vertical dimension

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No.	m+	Code	Observation
20	41.75	CUW	Loss of vision, camera under water
21	45.54	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
22	45.54	MHF	Finish node, manhole, reference: MH25

PLR:	MH26X	Upstream Node:	MH26
Inspection Direction:	Upstream	Downstream Node:	MH23
Inspected Length:	13.15 m	Dia/Height:	300 mm
Total Length:	13.15 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH23
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.57	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss
4	1.57	GP	General photograph taken at this point
5	4.40	WL	Water level, 15% of the vertical dimension
6	6.02	DER	Settled deposits, coarse, 5% cross-sectional area loss
7	9.01	DER	Settled deposits, coarse, 5% cross-sectional area loss
8	12.93	DER	Settled deposits, coarse, 80% cross-sectional area loss
9	12.93	REM	General remark
10	13.15	OCF	Finish node, other special chamber, reference: MH26

PLR:	MH28X	Upstream Node:	MH28
Inspection Direction:	Downstream	Downstream Node:	MH23
Inspected Length:	2.25 m	Dia/Height:	100 mm
Total Length:	2.25 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH28
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.71	MCVC	Pipe material changes to vitrified clay at this point
4	0.71	LD	Line deviates down
5	0.71	GP	General photograph taken at this point
6	1.30	CCJ	Crack, circumferential at joint from 2 o'clock to 5 o'clock
7	1.30	LL	Line deviates left
8	1.30	DER	Settled deposits, coarse, 20% cross-sectional area loss
9	2.25	MHF	Finish node, manhole, reference: MH23

PLR:	GY1X	Upstream Node:	GY1
Inspection Direction:	Downstream	Downstream Node:	MH28
Inspected Length:	0.24 m	Dia/Height:	150 mm
Total Length:	0.24 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY1
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.24	MHF	Finish node, manhole, reference: MH28

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PLR:	GY2X	Upstream Node:	GY2
Inspection Direction:	Downstream	Downstream Node:	MH29
Inspected Length:	0.24 m	Dia/Height:	150 mm
Total Length:	0.24 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY2
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.24	MHF	Finish node, manhole, reference: MH29

PLR:	MH29X	Upstream Node:	MH29
Inspection Direction:	Downstream	Downstream Node:	Main
Inspected Length:	1.66 m	Dia/Height:	150 mm
Total Length:	1.66 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH29
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.12	LD	Line deviates down
4	0.48	LR	Line deviates right
5	1.66	BRF	Finish node, major connection without manhole, reference: Main

PLR:	MH10X	Upstream Node:	MH10
Inspection Direction:	Upstream	Downstream Node:	MH30
Inspected Length:	42.03 m	Dia/Height:	300 mm
Total Length:	42.03 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH30
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	3.44	DES	Settled deposits, fine, 5% cross-sectional area loss
5	15.33	GP	General photograph taken at this point
6	32.91	GP	General photograph taken at this point
7	41.61	REM	General remark
8	42.03	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
9	42.03	MHF	Finish node, manhole, reference: MH10

PLR:	MH30X	Upstream Node:	MH30
Inspection Direction:	Downstream	Downstream Node:	MH25
Inspected Length:	17.33 m	Dia/Height:	300 mm
Total Length:	17.33 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH30
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	0.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
5	5.02	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
6	5.02	GP	General photograph taken at this point

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No.	m+	Code	Observation
7	17.33	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
8	17.33	MHF	Finish node, manhole, reference: MH25

PLR:	MH31X	Upstream Node:	MH31
Inspection Direction:	Downstream	Downstream Node:	MH32
Inspected Length:	2.24 m	Dia/Height:	300 mm
Total Length:	2.24 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH31
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.41	GP	General photograph taken at this point
4	2.24	MHF	Finish node, manhole, reference: MH32

PLR:	MH32X	Upstream Node:	MH32
Inspection Direction:	Downstream	Downstream Node:	MH19
Inspected Length:	1.52 m	Dia/Height:	300 mm
Total Length:	1.52 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH32
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.74	GP	General photograph taken at this point
4	1.52	MHF	Finish node, manhole, reference: MH19

PLR:	MH33X	Upstream Node:	MH33
Inspection Direction:	Upstream	Downstream Node:	MH31
Inspected Length:	24.61 m	Dia/Height:	300 mm
Total Length:	24.61 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH31
2	0.00	WL	Water level, 5% of the vertical dimension
3	13.64	OJM	Open joint, medium
4	13.64	GP	General photograph taken at this point
5	19.83	DES	Settled deposits, fine, 5% cross-sectional area loss, start
6	24.18	DER	Settled deposits, coarse, 20% cross-sectional area loss
7	24.61	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
8	24.61	MHF	Finish node, manhole, reference: MH33

PLR:	MH32AX	Upstream Node:	MH32A
Inspection Direction:	Upstream	Downstream Node:	MH32
Inspected Length:	5.32 m	Dia/Height:	150 mm
Total Length:	5.32 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH32
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.24	DES	Settled deposits, fine, 40% cross-sectional area loss
4	1.18	WL	Water level, 30% of the vertical dimension

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No.	m+	Code	Observation
5	2.84	WL	Water level, 10% of the vertical dimension
6	3.91	WL	Water level, 5% of the vertical dimension
7	3.91	GP	General photograph taken at this point
8	5.32	MHF	Finish node, manhole, reference: MH32A

PLR:	MH32AY	Upstream Node:	MH32A
Inspection Direction:	Upstream	Downstream Node:	MH32
Inspected Length:	5.20 m	Dia/Height:	150 mm
Total Length:	5.20 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH32
2	0.00	WL	Water level, 30% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 30% cross-sectional area loss, start
4	1.77	DES	Settled deposits, fine, 30% cross-sectional area loss, finish
5	1.77	DER	Settled deposits, coarse, 30% cross-sectional area loss
6	3.19	WL	Water level, 5% of the vertical dimension
7	3.19	DER	Settled deposits, coarse, 10% cross-sectional area loss
8	3.19	GP	General photograph taken at this point
9	4.38	GP	General photograph taken at this point
10	5.20	MHF	Finish node, manhole, reference: MH32A

PLR:	MH32AZ	Upstream Node:	MH32A
Inspection Direction:	Upstream	Downstream Node:	MH32
Inspected Length:	5.79 m	Dia/Height:	150 mm
Total Length:	5.79 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH32
2	0.00	WL	Water level, 45% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 45% cross-sectional area loss, start
4	3.55	WL	Water level, 5% of the vertical dimension
5	3.55	DES	Settled deposits, fine, 45% cross-sectional area loss, finish
6	4.02	GP	General photograph taken at this point
7	5.79	MHF	Finish node, manhole, reference: MH32A

PLR:	MH34X	Upstream Node:	MH34
Inspection Direction:	Upstream	Downstream Node:	MH32A
Inspected Length:	40.82 m	Dia/Height:	225 mm
Total Length:	40.82 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH32A
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.20	CUW	Loss of vision, camera under water
4	1.07	WL	Water level, 20% of the vertical dimension
5	1.07	LR	Line deviates right
6	1.54	DES	Settled deposits, fine, 30% cross-sectional area loss

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No.	m+	Code	Observation
7	2.84	JN	Junction at 9 o'clock, 150mm dia
8	2.84	WL	Water level, 10% of the vertical dimension
9	3.44	JN	Junction at 12 o'clock, 100mm dia
10	7.10	GP	General photograph taken at this point
11	8.99	JDM	Joint displaced, medium
12	11.12	DES	Settled deposits, fine, 5% cross-sectional area loss, start
13	11.12	WL	Water level, 15% of the vertical dimension
14	17.98	DER	Settled deposits, coarse, 10% cross-sectional area loss
15	17.98	GP	General photograph taken at this point
16	22.59	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
17	22.59	WL	Water level, 5% of the vertical dimension
18	31.08	JN	Junction at 12 o'clock, 100mm dia
19	31.69	LR	Line deviates right
20	34.48	JN	Junction at 10 o'clock, 100mm dia
21	35.08	DER	Settled deposits, coarse, 5% cross-sectional area loss
22	40.82	MHF	Finish node, manhole, reference: MH34

PLR:	35BX	Upstream Node:	35B
Inspection Direction:	Upstream	Downstream Node:	MH35
Inspected Length:	8.40 m	Dia/Height:	150 mm
Total Length:	8.40 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH35
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	3.67	GP	General photograph taken at this point
5	8.40	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
6	8.40	MHF	Finish node, manhole, reference: 35B

PLR:	MH35X	Upstream Node:	MH35
Inspection Direction:	Downstream	Downstream Node:	MH5
Inspected Length:	30.70 m	Dia/Height:	150 mm
Total Length:	30.70 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH35
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	11.83	WL	Water level, 30% of the vertical dimension
5	12.07	CUW	Loss of vision, camera under water
6	15.02	WL	Water level, 20% of the vertical dimension
7	17.03	WL	Water level, 10% of the vertical dimension
8	17.03	GP	General photograph taken at this point
9	20.63	WL	Water level, 20% of the vertical dimension
10	25.00	WL	Water level, 10% of the vertical dimension
11	25.00	GP	General photograph taken at this point

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No.	m+	Code	Observation
12	30.70	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
13	30.70	MHF	Finish node, manhole, reference: MH5

PLR:	MH36X	Upstream Node:	MH36
Inspection Direction:	Upstream	Downstream Node:	MH35
Inspected Length:	4.85 m	Dia/Height:	100 mm
Total Length:	4.85 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH35
2	0.00	WL	Water level, 5% of the vertical dimension
3	2.48	GP	General photograph taken at this point
4	4.85	MHF	Finish node, manhole, reference: MH36

PLR:	36AX	Upstream Node:	36A
Inspection Direction:	Upstream	Downstream Node:	MH36
Inspected Length:	9.22 m	Dia/Height:	100 mm
Total Length:	9.22 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH36
2	0.00	WL	Water level, 5% of the vertical dimension
3	2.01	JDM	Joint displaced, medium
4	2.01	WL	Water level, 15% of the vertical dimension
5	3.31	JDM	Joint displaced, medium
6	3.90	WL	Water level, 5% of the vertical dimension
7	3.90	GP	General photograph taken at this point
8	9.22	MHF	Finish node, manhole, reference: 36A

PLR:	36BX	Upstream Node:	36B
Inspection Direction:	Upstream	Downstream Node:	MH36
Inspected Length:	35.15 m	Dia/Height:	100 mm
Total Length:	35.15 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH36
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.47	LL	Line deviates left
4	11.12	WL	Water level, 10% of the vertical dimension
5	11.12	GP	General photograph taken at this point
6	11.83	JN	Junction at 12 o'clock, 100mm dia
7	12.18	LR	Line deviates right
8	12.78	WL	Water level, 5% of the vertical dimension
9	18.22	JN	Junction at 9 o'clock, 100mm dia
10	18.22	GP	General photograph taken at this point
11	26.78	WL	Water level, 10% of the vertical dimension
12	35.15	SA	Survey abandoned

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PLR:		36CX	Upstream Node:	36C
Inspection Direction:		Upstream	Downstream Node:	MH36
Inspected Length:		9.46 m	Dia/Height:	100 mm
Total Length:		9.46 m	Material:	Cast iron
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH36	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	
4	0.00	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, start	
5	0.12	LR	Line deviates right	
6	2.84	GP	General photograph taken at this point	
7	9.46	MCPVC	Pipe material changes to polyvinyl chloride at this point	
8	9.46	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	
9	9.46	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, finish	
10	9.46	GYF	Finish node, gully, reference: 36C	
PLR:		37AX	Upstream Node:	37A
Inspection Direction:		Upstream	Downstream Node:	MH37
Inspected Length:		8.28 m	Dia/Height:	100 mm
Total Length:		8.28 m	Material:	Polyvinyl chloride
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH37	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	3.20	SR	Sealing ring intruding from 1 o'clock to 4 o'clock	
4	4.02	GP	General photograph taken at this point	
5	7.22	LU	Line deviates up	
6	8.28	OCF	Finish node, other special chamber, reference: 37A	
PLR:		37BX	Upstream Node:	37B
Inspection Direction:		Upstream	Downstream Node:	MH37
Inspected Length:		9.47 m	Dia/Height:	100 mm
Total Length:		9.47 m	Material:	Pitch fibre
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH37	
2	0.00	WL	Water level, 20% of the vertical dimension	
3	0.48	DER	Settled deposits, coarse, 30% cross-sectional area loss, start	
4	4.14	DER	Settled deposits, coarse, 30% cross-sectional area loss, finish	
5	4.14	GP	General photograph taken at this point	
6	5.56	WL	Water level, 5% of the vertical dimension	
7	5.56	LL	Line deviates left	
8	6.27	WL	Water level, 30% of the vertical dimension	
9	6.37	DES	Settled deposits, fine, 20% cross-sectional area loss	
10	7.10	CUW	Loss of vision, camera under water	
11	9.47	WL	Water level, 15% of the vertical dimension	
12	9.47	XP	Collapsed drain or sewer, 70% cross-sectional area loss	
13	9.47	SA	Survey abandoned	

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PLR:	MH37X	Upstream Node:	MH37
Inspection Direction:	Downstream	Downstream Node:	Main
Inspected Length:	12.89 m	Dia/Height:	100 mm
Total Length:	12.89 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH37
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.47	DES	Settled deposits, fine, 30% cross-sectional area loss, start
4	0.47	GP	General photograph taken at this point
5	2.95	DES	Settled deposits, fine, 30% cross-sectional area loss, finish
6	4.26	DES	Settled deposits, fine, 20% cross-sectional area loss
7	5.20	DES	Settled deposits, fine, 30% cross-sectional area loss, start
8	5.20	GP	General photograph taken at this point
9	6.15	CUD	Loss of vision, silt
10	8.51	WL	Water level, 10% of the vertical dimension
11	8.51	DES	Settled deposits, fine, 30% cross-sectional area loss, finish
12	9.46	DES	Settled deposits, fine, 30% cross-sectional area loss
13	10.76	DES	Settled deposits, fine, 40% cross-sectional area loss
14	11.00	JN	Junction at 3 o'clock, 100mm dia
15	11.59	CUW	Loss of vision, camera under water
16	12.30	WL	Water level, 10% of the vertical dimension
17	12.65	LR	Line deviates right
18	12.89	BRF	Finish node, major connection without manhole, reference: Main

PLR:	MH38X	Upstream Node:	MH38
Inspection Direction:	Downstream	Downstream Node:	MH39
Inspected Length:	5.13 m	Dia/Height:	150 mm
Total Length:	5.13 m	Material:	Pitch fibre

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH38
2	0.00	WL	Water level, 5% of the vertical dimension
3	3.44	WL	Water level, 10% of the vertical dimension
4	3.44	DES	Settled deposits, fine, 10% cross-sectional area loss, start
5	3.44	GP	General photograph taken at this point
6	4.78	OBX	Other obstacles, other object in invert from 4 o'clock to 8 o'clock, 40% cross-sectional area loss
7	5.13	DES	Settled deposits, fine, 10% cross-sectional area loss, finish
8	5.13	SA	Survey abandoned

PLR:	38AX	Upstream Node:	38A
Inspection Direction:	Upstream	Downstream Node:	MH38
Inspected Length:	3.79 m	Dia/Height:	150 mm
Total Length:	3.79 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH38
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.20	JN	Junction at 6 o'clock, 150mm dia

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No.	m+	Code	Observation
4	0.20	CC	Crack, circumferential from 9 o'clock to 12 o'clock
5	0.71	MCPF	Pipe material changes to pitch fibre at this point
6	0.71	DES	Settled deposits, fine, 10% cross-sectional area loss
7	0.71	GP	General photograph taken at this point
8	3.43	DEC	Settled deposits, hard or compacted, 20% cross-sectional area loss
9	3.43	MCVC	Pipe material changes to vitrified clay at this point
10	3.79	GYF	Finish node, gully, reference: 38A

PLR:	38BX	Upstream Node:	38B
Inspection Direction:	Upstream	Downstream Node:	MH38
Inspected Length:	28.78 m	Dia/Height:	150 mm
Total Length:	28.78 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH38
2	0.00	WL	Water level, 15% of the vertical dimension
3	0.20	JN	Junction at 6 o'clock, 150mm dia
4	0.47	MCPF	Pipe material changes to pitch fibre at this point
5	0.47	WL	Water level, 15% of the vertical dimension
6	1.65	DER	Settled deposits, coarse, 10% cross-sectional area loss
7	4.37	DES	Settled deposits, fine, 10% cross-sectional area loss, start
8	4.97	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
9	8.51	JN	Junction at 10 o'clock, 100mm dia
10	10.05	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
11	14.19	DER	Settled deposits, coarse, 15% cross-sectional area loss
12	17.14	DES	Settled deposits, fine, 10% cross-sectional area loss, finish
13	17.14	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
14	17.14	GP	General photograph taken at this point
15	22.59	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
16	24.41	WL	Water level, 5% of the vertical dimension
17	28.78	MHF	Finish node, manhole, reference: 38B

PLR:	GY3X	Upstream Node:	GY3
Inspection Direction:	Downstream	Downstream Node:	Main
Inspected Length:	1.78 m	Dia/Height:	150 mm
Total Length:	1.78 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY3
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.24	LR	Line deviates right
4	0.95	LU	Line deviates up
5	1.30	MCPF	Pipe material changes to pitch fibre at this point
6	1.78	BRF	Finish node, major connection without manhole, reference: Main

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PLR:		MH38X	Upstream Node:	MH38
Inspection Direction:		Upstream	Downstream Node:	MH39
Inspected Length:		24.32 m	Dia/Height:	150 mm
Total Length:		24.32 m	Material:	Pitch fibre
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH39	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	18.62	GP	General photograph taken at this point	
4	24.32	SA	Survey abandoned	
PLR:		39BX	Upstream Node:	39B
Inspection Direction:		Upstream	Downstream Node:	MH39
Inspected Length:		0.24 m	Dia/Height:	150 mm
Total Length:		0.24 m	Material:	Vitrified clay
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH39	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	0.00	DER	Settled deposits, coarse, 100% cross-sectional area loss	
4	0.24	SA	Survey abandoned	
PLR:		MH39X	Upstream Node:	MH39
Inspection Direction:		Downstream	Downstream Node:	MH40
Inspected Length:		7.45 m	Dia/Height:	150 mm
Total Length:		7.45 m	Material:	Pitch fibre
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH39	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	2.37	WL	Water level, 20% of the vertical dimension	
4	2.72	DER	Settled deposits, coarse, 10% cross-sectional area loss	
5	3.67	DEX	Settled deposits, other, 40% cross-sectional area loss	
6	7.45	SA	Survey abandoned	
PLR:		MH39X	Upstream Node:	MH39
Inspection Direction:		Upstream	Downstream Node:	MH40
Inspected Length:		0.48 m	Dia/Height:	150 mm
Total Length:		0.48 m	Material:	Vitrified clay
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH40	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	0.36	MCPF	Pipe material changes to pitch fibre at this point	
4	0.36	DER	Settled deposits, coarse, 40% cross-sectional area loss	
5	0.48	SA	Survey abandoned	
PLR:		MH40X	Upstream Node:	MH40
Inspection Direction:		Downstream	Downstream Node:	MH33C
Inspected Length:		15.02 m	Dia/Height:	150 mm
Total Length:		15.02 m	Material:	Cast iron

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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH40
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	0.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
5	4.26	GP	General photograph taken at this point
6	8.05	WL	Water level, 20% of the vertical dimension
7	8.99	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
8	9.35	WL	Water level, 5% of the vertical dimension
9	9.35	LR	Line deviates right
10	12.90	GP	General photograph taken at this point
11	15.02	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
12	15.02	MHF	Finish node, manhole, reference: MH33C

PLR:	MH33CX	Upstream Node:	MH33C
Inspection Direction:	Downstream	Downstream Node:	MH33
Inspected Length:	8.98 m	Dia/Height:	150 mm
Total Length:	8.98 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH33C
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start
4	0.20	LR	Line deviates right
5	4.49	GP	General photograph taken at this point
6	8.98	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish
7	8.98	MHF	Finish node, manhole, reference: MH33

PLR:	MH41X	Upstream Node:	MH41
Inspection Direction:	Downstream	Downstream Node:	MH42
Inspected Length:	4.26 m	Dia/Height:	100 mm
Total Length:	4.26 m	Material:	Pitch fibre

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH41
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.42	D	Deformed sewer or drain, 5%
4	3.43	WL	Water level, 40% of the vertical dimension
5	3.43	GP	General photograph taken at this point
6	3.90	D	Deformed sewer or drain, 25%
7	3.90	H	Hole in drain or sewer at 12 o'clock
8	4.26	SA	Survey abandoned

PLR:	GY4X	Upstream Node:	GY4
Inspection Direction:	Downstream	Downstream Node:	MH43
Inspected Length:	15.02 m	Dia/Height:	100 mm
Total Length:	15.02 m	Material:	Pitch fibre

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No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY4
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.59	H	Hole in drain or sewer at 12 o'clock
4	6.03	GP	General photograph taken at this point
5	11.36	WL	Water level, 15% of the vertical dimension
6	12.77	CUW	Loss of vision, camera under water
7	14.67	WL	Water level, 15% of the vertical dimension
8	15.02	MHF	Finish node, manhole, reference: MH43

PLR:	GY5X	Upstream Node:	GY5
Inspection Direction:	Downstream	Downstream Node:	Main
Inspected Length:	2.36 m	Dia/Height:	100 mm
Total Length:	2.36 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: GY5
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.18	GP	General photograph taken at this point
4	2.36	BRF	Finish node, major connection without manhole, reference: Main

PLR:	GY6X	Upstream Node:	GY6
Inspection Direction:	Downstream	Downstream Node:	Main
Inspected Length:	0.47 m	Dia/Height:	100 mm
Total Length:	0.47 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: GY6
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.23	GP	General photograph taken at this point
4	0.47	BRF	Finish node, major connection without manhole, reference: Main

PLR:	MH50X	Upstream Node:	MH50
Inspection Direction:	Downstream	Downstream Node:	MH51
Inspected Length:	20.00 m	Dia/Height:	100 mm
Total Length:	20.00 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH50
2	0.00	WL	Water level, 40% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 10% cross-sectional area loss, start
4	1.06	RF	Roots, fine
5	4.02	CUW	Loss of vision, camera under water, start
6	5.55	JN	Junction at 2 o'clock, 100mm dia
7	5.67	RM	Roots, mass, 10% cross-sectional area loss
8	6.00	CUW	Loss of vision, camera under water, finish
9	6.03	JN	Junction at 10 o'clock, 100mm dia
10	6.97	DES	Settled deposits, fine, 10% cross-sectional area loss, finish
11	6.97	WL	Water level, 10% of the vertical dimension

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No.	m+	Code	Observation
12	7.68	WL	Water level, 5% of the vertical dimension
13	9.46	JN	Junction at 12 o'clock, 100mm dia
14	11.94	WL	Water level, 10% of the vertical dimension
15	15.84	WL	Water level, 25% of the vertical dimension
16	16.81	RM	Roots, mass, 10% cross-sectional area loss
17	16.93	JN	Junction at 12 o'clock, 100mm dia
18	19.48	CUW	Loss of vision, camera under water
19	19.96	WL	Water level, 40% of the vertical dimension
20	20.00	RM	Roots, mass, 90% cross-sectional area loss
21	20.00	SA	Survey abandoned

PLR:	50AX	Upstream Node:	50A
Inspection Direction:	Upstream	Downstream Node:	MH50
Inspected Length:	6.86 m	Dia/Height:	100 mm
Total Length:	6.86 m	Material:	Cast iron

No.	m+	Code	Observation
1	0.00	IC	Start node, inspection chamber, reference: MH50
2	0.00	WL	Water level, 5% of the vertical dimension
3	3.55	GP	General photograph taken at this point
4	6.27	LU	Line deviates up
5	6.86	OCF	Finish node, other special chamber, reference: 50A

PLR:	50BX	Upstream Node:	50B
Inspection Direction:	Upstream	Downstream Node:	MH50
Inspected Length:	1.42 m	Dia/Height:	100 mm
Total Length:	1.42 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	IC	Start node, inspection chamber, reference: MH50
2	0.00	WL	Water level, 30% of the vertical dimension
3	0.48	WL	Water level, 0% of the vertical dimension
4	1.42	GYF	Finish node, gully, reference: 50B

PLR:	50CX	Upstream Node:	50C
Inspection Direction:	Upstream	Downstream Node:	MH50
Inspected Length:	9.47 m	Dia/Height:	100 mm
Total Length:	9.47 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH50
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.20	RF	Roots, fine, start
4	3.08	RF	Roots, fine, finish
5	9.11	LR	Line deviates right
6	9.47	GYF	Finish node, gully, reference: 50C

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PLR:	MH50X	Upstream Node:	MH50
Inspection Direction:	Upstream	Downstream Node:	MH51
Inspected Length:	8.75 m	Dia/Height:	100 mm
Total Length:	8.75 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	IC	Start node, inspection chamber, reference: MH51
2	0.00	WL	Water level, 30% of the vertical dimension
3	0.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
4	2.00	CUW	Loss of vision, camera under water
5	8.75	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
6	8.75	RM	Roots, mass, 90% cross-sectional area loss
7	8.75	SA	Survey abandoned

PLR:	51AX	Upstream Node:	51A
Inspection Direction:	Upstream	Downstream Node:	MH51
Inspected Length:	1.42 m	Dia/Height:	100 mm
Total Length:	1.42 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	IC	Start node, inspection chamber, reference: MH51
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.00	LU	Line deviates up
4	0.71	CC	Crack, circumferential from 2 o'clock to 5 o'clock
5	1.07	LR	Line deviates right
6	1.42	GYF	Finish node, gully, reference: 51A

PLR:	MH51X	Upstream Node:	MH51
Inspection Direction:	Downstream	Downstream Node:	MH52
Inspected Length:	14.43 m	Dia/Height:	100 mm
Total Length:	14.43 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	IC	Start node, inspection chamber, reference: MH51
2	0.00	WL	Water level, 40% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 10% cross-sectional area loss
4	1.30	WL	Water level, 30% of the vertical dimension
5	2.25	WL	Water level, 5% of the vertical dimension
6	4.85	WL	Water level, 30% of the vertical dimension
7	7.22	WL	Water level, 50% of the vertical dimension
8	12.66	WL	Water level, 70% of the vertical dimension
9	14.43	DEX	Settled deposits, other, 90% cross-sectional area loss
10	14.43	SA	Survey abandoned

PLR:	MH54X	Upstream Node:	MH54
Inspection Direction:	Upstream	Downstream Node:	MH53
Inspected Length:	6.03 m	Dia/Height:	100 mm
Total Length:	6.03 m	Material:	Vitrified clay

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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH53
2	0.00	WL	Water level, 20% of the vertical dimension
3	3.07	WL	Water level, 5% of the vertical dimension
4	4.73	RXZ	Defective repair, other from 12 o'clock to 12 o'clock
5	5.32	WL	Water level, 20% of the vertical dimension
6	5.40	MCVC	Pipe material changes to vitrified clay at this point
7	5.40	SC	Pipe size changes, new size(s), 80mm high
8	6.03	MHF	Finish node, manhole, reference: MH54

PLR:	MH53X	Upstream Node:	MH53
Inspection Direction:	Downstream	Downstream Node:	MH55
Inspected Length:	14.78 m	Dia/Height:	100 mm
Total Length:	14.78 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH53
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.95	WL	Water level, 60% of the vertical dimension
4	0.95	CUW	Loss of vision, camera under water, start
5	2.84	CUW	Loss of vision, camera under water, finish
6	3.20	FM	Fractures, multiple from 12 o'clock to 12 o'clock
7	3.31	JDL	Joint displaced, large
8	3.91	WL	Water level, 5% of the vertical dimension
9	14.20	WL	Water level, 20% of the vertical dimension
10	14.78	MHF	Finish node, manhole, reference: MH55

PLR:	MH56X	Upstream Node:	MH56
Inspection Direction:	Downstream	Downstream Node:	Main
Inspected Length:	2.49 m	Dia/Height:	150 mm
Total Length:	2.49 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH56
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.36	DEC	Settled deposits, hard or compacted, 20% cross-sectional area loss, start
4	1.66	DEC	Settled deposits, hard or compacted, 30% cross-sectional area loss, change
5	2.49	DEC	Settled deposits, hard or compacted, 30% cross-sectional area loss, finish
6	2.49	BRF	Finish node, major connection without manhole, reference: Main

PLR:	65AX	Upstream Node:	65A
Inspection Direction:	Upstream	Downstream Node:	MH65
Inspected Length:	6.62 m	Dia/Height:	100 mm
Total Length:	6.62 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH65
2	0.00	WL	Water level, 5% of the vertical dimension
3	5.91	B	Broken pipe at 12 o'clock

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No.	m+	Code	Observation
4	5.91	H	Hole in drain or sewer at 12 o'clock
5	6.62	MHF	Finish node, manhole, reference: 65A

PLR:	65BX	Upstream Node:	65B
Inspection Direction:	Upstream	Downstream Node:	MH65
Inspected Length:	1.42 m	Dia/Height:	100 mm
Total Length:	1.42 m	Material:	Pitch fibre

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH65
2	0.00	WL	Water level, 15% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 20% cross-sectional area loss, start
4	0.35	RF	Roots, fine
5	0.95	CN	Connection other than junction at 3 o'clock, 100mm dia
6	1.42	DES	Settled deposits, fine, 35% cross-sectional area loss, finish
7	1.42	SA	Survey abandoned

PLR:	MH65X	Upstream Node:	MH65
Inspection Direction:	Downstream	Downstream Node:	MH66
Inspected Length:	2.95 m	Dia/Height:	100 mm
Total Length:	2.95 m	Material:	Pitch fibre

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH65
2	0.00	WL	Water level, 5% of the vertical dimension
3	2.95	MHF	Finish node, manhole, reference: MH66

PLR:	MH67X	Upstream Node:	MH67
Inspection Direction:	Downstream	Downstream Node:	MH16
Inspected Length:	13.61 m	Dia/Height:	100 mm
Total Length:	13.61 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH67
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	DER	Settled deposits, coarse, 10% cross-sectional area loss, start
4	8.88	LL	Line deviates left
5	9.82	JN	Junction at 2 o'clock, 100mm dia
6	10.18	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish
7	12.07	WL	Water level, 15% of the vertical dimension
8	13.50	WL	Water level, 5% of the vertical dimension
9	13.61	MHF	Finish node, manhole, reference: MH16

PLR:	67AX	Upstream Node:	67A
Inspection Direction:	Upstream	Downstream Node:	MH67
Inspected Length:	4.96 m	Dia/Height:	100 mm
Total Length:	4.96 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH67

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No.	m+	Code	Observation
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
4	4.25	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish
5	4.37	LU	Line deviates up
6	4.96	OCF	Finish node, other special chamber, reference: 67A

PLR:	67BX	Upstream Node:	67B
Inspection Direction:	Upstream	Downstream Node:	MH67
Inspected Length:	21.19 m	Dia/Height:	100 mm
Total Length:	21.19 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH67
2	0.00	WL	Water level, 30% of the vertical dimension
3	0.24	DES	Settled deposits, fine, 15% cross-sectional area loss, start
4	0.24	JDM	Joint displaced, medium
5	2.96	WL	Water level, 10% of the vertical dimension
6	6.86	JN	Junction at 2 o'clock, 100mm dia
7	8.28	DES	Settled deposits, fine, 15% cross-sectional area loss, finish
8	8.52	WL	Water level, 0% of the vertical dimension
9	9.94	JN	Junction at 10 o'clock, 100mm dia
10	10.65	WL	Water level, 5% of the vertical dimension
11	10.65	DES	Settled deposits, fine, 5% cross-sectional area loss
12	12.30	WL	Water level, 15% of the vertical dimension
13	13.60	WL	Water level, 0% of the vertical dimension
14	16.34	WL	Water level, 5% of the vertical dimension
15	17.06	DES	Settled deposits, fine, 5% cross-sectional area loss, start
16	21.19	SA	Survey abandoned
17	21.19	DES	Settled deposits, fine, 5% cross-sectional area loss, finish

PLR:	MH72X	Upstream Node:	MH72
Inspection Direction:	Downstream	Downstream Node:	MH73
Inspected Length:	31.36 m	Dia/Height:	150 mm
Total Length:	31.36 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH72
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.89	DES	Settled deposits, fine, 5% cross-sectional area loss, start
4	2.72	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
5	9.93	CC	Crack, circumferential from 5 o'clock to 11 o'clock
6	14.31	CL	Crack, longitudinal at 9 o'clock
7	25.90	DES	Settled deposits, fine, 5% cross-sectional area loss, start
8	26.75	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
9	31.36	MHF	Finish node, manhole, reference: MH73

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PLR:		72AX	Upstream Node:	72A
Inspection Direction:		Upstream	Downstream Node:	MH72
Inspected Length:		27.60 m	Dia/Height:	100 mm
Total Length:		27.60 m	Material:	Vitrified clay
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH72	
2	0.00	WL	Water level, 10% of the vertical dimension	
3	0.24	DER	Settled deposits, coarse, 15% cross-sectional area loss, start	
4	1.66	DER	Settled deposits, coarse, 15% cross-sectional area loss, finish	
5	1.78	WL	Water level, 5% of the vertical dimension	
6	9.00	DES	Settled deposits, fine, 5% cross-sectional area loss, start	
7	16.44	DES	Settled deposits, fine, 5% cross-sectional area loss, finish	
8	27.36	LR	Line deviates right	
9	27.60	GYF	Finish node, gully, reference: 72A	
PLR:		72BX	Upstream Node:	72B
Inspection Direction:		Upstream	Downstream Node:	MH72
Inspected Length:		1.54 m	Dia/Height:	100 mm
Total Length:		1.54 m	Material:	Vitrified clay
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH72	
2	0.00	WL	Water level, 5% of the vertical dimension	
3	0.48	LU	Line deviates up, start	
4	1.07	LU	Line deviates up, finish	
5	1.54	GYF	Finish node, gully, reference: 72B	
PLR:		74AX	Upstream Node:	74A
Inspection Direction:		Upstream	Downstream Node:	MH74
Inspected Length:		0.30 m	Dia/Height:	100 mm
Total Length:		5.00 m	Material:	Pitch fibre
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH74	
2	0.00	WL	Water level, 0% of the vertical dimension	
3	0.00	DES	Settled deposits, fine, 35% cross-sectional area loss	
4	0.30	SA	Survey abandoned	
PLR:		74CX	Upstream Node:	74C
Inspection Direction:		Upstream	Downstream Node:	MH74
Inspected Length:		2.48 m	Dia/Height:	100 mm
Total Length:		2.48 m	Material:	Pitch fibre
No.	m+	Code	Observation	
1	0.00	MH	Start node, manhole, reference: MH74	
2	0.00	WL	Water level, 20% of the vertical dimension	
3	0.12	WL	Water level, 50% of the vertical dimension	
4	1.18	D	Deformed sewer or drain, 10%	
5	1.42	DER	Settled deposits, coarse, 10% cross-sectional area loss	

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No.	m+	Code	Observation
6	2.48	D	Deformed sewer or drain, 80%
7	2.48	SA	Survey abandoned

PLR:	74DX	Upstream Node:	74D
Inspection Direction:	Upstream	Downstream Node:	MH74
Inspected Length:	6.03 m	Dia/Height:	100 mm
Total Length:	6.03 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH74
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.77	LR	Line deviates right
4	3.66	DER	Settled deposits, coarse, 5% cross-sectional area loss
5	5.00	RF	Roots, fine
6	5.56	B	Broken pipe at 11 o'clock
7	5.56	DER	Settled deposits, coarse, 60% cross-sectional area loss
8	6.03	XP	Collapsed drain or sewer, 80% cross-sectional area loss
9	6.03	REM	General remark

PLR:	GY30X	Upstream Node:	GY30
Inspection Direction:	Downstream	Downstream Node:	30X
Inspected Length:	4.14 m	Dia/Height:	100 mm
Total Length:	4.14 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: GY30
2	0.00	DES	Settled deposits, fine, 20% cross-sectional area loss, start
3	0.00	WL	Water level, 5% of the vertical dimension
4	1.42	CUD	Loss of vision, silt, start
5	4.14	DES	Settled deposits, fine, 20% cross-sectional area loss, finish
6	4.14	CUD	Loss of vision, silt, finish
7	4.14	SA	Survey abandoned

PLR:	MH77X	Upstream Node:	MH77
Inspection Direction:	Upstream	Downstream Node:	MH76
Inspected Length:	15.87 m	Dia/Height:	300 mm
Total Length:	15.87 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH76
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
4	1.61	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
5	9.78	CM	Cracks, multiple from 12 o'clock to 12 o'clock
6	9.97	FC	Fracture, circumferential from 5 o'clock to 8 o'clock
7	14.55	DES	Settled deposits, fine, 15% cross-sectional area loss
8	15.87	MHF	Finish node, manhole, reference: MH77

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PLR:	MH25X	Upstream Node:	MH25
Inspection Direction:	Upstream	Downstream Node:	MH76
Inspected Length:	23.93 m	Dia/Height:	450 mm
Total Length:	23.93 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH76
2	0.00	WL	Water level, 20% of the vertical dimension
3	0.39	DER	Settled deposits, coarse, 10% cross-sectional area loss, start
4	6.98	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish
5	12.96	WL	Water level, 10% of the vertical dimension
6	16.61	DES	Settled deposits, fine, 10% cross-sectional area loss, start
7	18.55	DES	Settled deposits, fine, 10% cross-sectional area loss, finish
8	23.93	DER	Settled deposits, coarse, 20% cross-sectional area loss, change
9	23.93	SA	Survey abandoned

PLR:	MH76X	Upstream Node:	MH76
Inspection Direction:	Downstream	Downstream Node:	MH78
Inspected Length:	28.45 m	Dia/Height:	450 mm
Total Length:	28.45 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH76
2	0.00	WL	Water level, 20% of the vertical dimension
3	0.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
4	3.00	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
5	10.44	DER	Settled deposits, coarse, 15% cross-sectional area loss
6	15.25	DER	Settled deposits, coarse, 10% cross-sectional area loss, start
7	16.95	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish
8	22.33	CN	Connection other than junction at 11 o'clock, 100mm dia
9	22.38	DER	Settled deposits, coarse, 10% cross-sectional area loss, start
10	27.09	WL	Water level, 25% of the vertical dimension
11	28.45	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish
12	28.45	MHF	Finish node, manhole, reference: MH78

PLR:	MH78X	Upstream Node:	MH78
Inspection Direction:	Downstream	Downstream Node:	MH79
Inspected Length:	47.73 m	Dia/Height:	450 mm
Total Length:	47.73 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH78
2	0.00	WL	Water level, 15% of the vertical dimension
3	0.00	DER	Settled deposits, coarse, 10% cross-sectional area loss, start
4	1.51	CN	Connection other than junction at 11 o'clock, 100mm dia
5	2.90	DER	Settled deposits, coarse, 10% cross-sectional area loss, finish
6	5.58	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
7	7.71	WL	Water level, 30% of the vertical dimension
8	17.07	CN	Connection other than junction at 11 o'clock, 100mm dia

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No.	m+	Code	Observation
9	23.09	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
10	23.09	WL	Water level, 10% of the vertical dimension
11	29.12	WL	Water level, 5% of the vertical dimension
12	34.01	WL	Water level, 20% of the vertical dimension
13	38.77	WL	Water level, 5% of the vertical dimension
14	42.85	WL	Water level, 15% of the vertical dimension
15	47.73	MHF	Finish node, manhole, reference: MH79

PLR:	42BX	Upstream Node:	42B
Inspection Direction:	Upstream	Downstream Node:	MH42
Inspected Length:	1.30 m	Dia/Height:	150 mm
Total Length:	1.30 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH42
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.48	DER	Settled deposits, coarse, 20% cross-sectional area loss, start
4	1.07	LR	Line deviates right
5	1.30	REM	General remark
6	1.30	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish
7	1.30	ICF	Finish node, inspection chamber, reference: 42B

PLR:	MH43X	Upstream Node:	MH43
Inspection Direction:	Downstream	Downstream Node:	MH80
Inspected Length:	6.44 m	Dia/Height:	675 mm
Total Length:	6.44 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH43
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.50	DES	Settled deposits, fine, 5% cross-sectional area loss, start
4	6.44	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
5	6.44	MHF	Finish node, manhole, reference: MH80

PLR:	MH80X	Upstream Node:	MH80
Inspection Direction:	Downstream	Downstream Node:	MH42
Inspected Length:	52.53 m	Dia/Height:	675 mm
Total Length:	52.53 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH80
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.00	DES	Settled deposits, fine, 5% cross-sectional area loss, start
4	4.59	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, start
5	4.59	DES	Settled deposits, fine, 5% cross-sectional area loss, finish
6	25.02	GP	General photograph taken at this point
7	36.71	DER	Settled deposits, coarse, 15% cross-sectional area loss
8	52.00	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, finish

Section Summary

Project Name Havant Langstone Technology Park	Project Number	Project Date 12/02/2026
---	-----------------------	-----------------------------------

No.	m+	Code	Observation
9	52.53	MHF	Finish node, manhole, reference: MH81

PLR:	MH42X	Upstream Node:	MH42
Inspection Direction:	Downstream	Downstream Node:	MH74
Inspected Length:	9.12 m	Dia/Height:	675 mm
Total Length:	9.12 m	Material:	Concrete

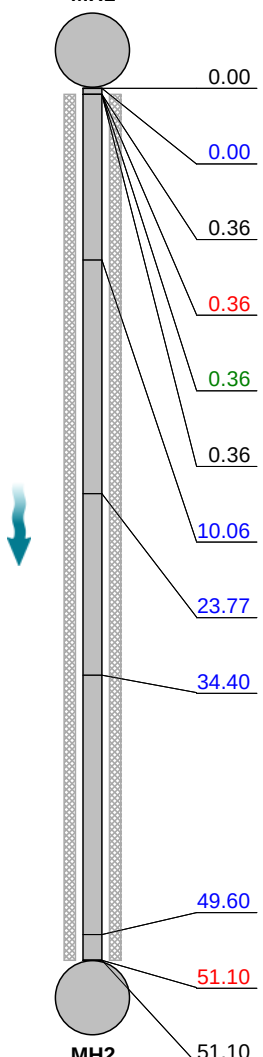
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH42
2	0.00	WL	Water level, 10% of the vertical dimension
3	1.20	DER	Settled deposits, coarse, 5% cross-sectional area loss, start
4	6.01	WL	Water level, 20% of the vertical dimension
5	6.45	DER	Settled deposits, coarse, 15% cross-sectional area loss
6	9.12	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish
7	9.12	SA	Survey abandoned

Section Inspection - 09/02/2026 - MH1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	09/02/26	9:34	Not Specified	Rain	No	MH1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH1
Road:	Langstone Technology Park	Inspected Length:	51.10 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	51.10 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:443	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH1</div> <div>  </div> </div> <div> <div>0.00</div> <div>0.00</div> <div>0.36</div> <div>0.36</div> <div>0.36</div> <div>0.36</div> <div>10.06</div> <div>23.77</div> <div>34.40</div> <div>49.60</div> <div>51.10</div> <div>51.10</div> </div> <div> <div></div> <div></div> <div></div> <div>S01</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>F01</div> <div></div> </div> </div>							
			MH	Start node, manhole, reference: MH1	00:00:00		
			WL	Water level, 10% of the vertical dimension			
			MCCI	Pipe material changes to cast iron at this point	00:00:04		
			SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:04		
			DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:04		3
			SC	Pipe size changes, new size(s), 150mm high	00:00:08		
			GP	General photograph taken at this point	00:01:21	MH1X_D_09022026_0934_00	
			GP	General photograph taken at this point	00:03:14	MH1X_D_09022026_0934_00	
			GP	General photograph taken at this point	00:04:42	MH1X_D_09022026_0934_00	
			GP	General photograph taken at this point	00:06:24	MH1X_D_09022026_0934_00	
			SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:06:39		1
			MHF	Finish node, manhole, reference: MH2	00:06:39		

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

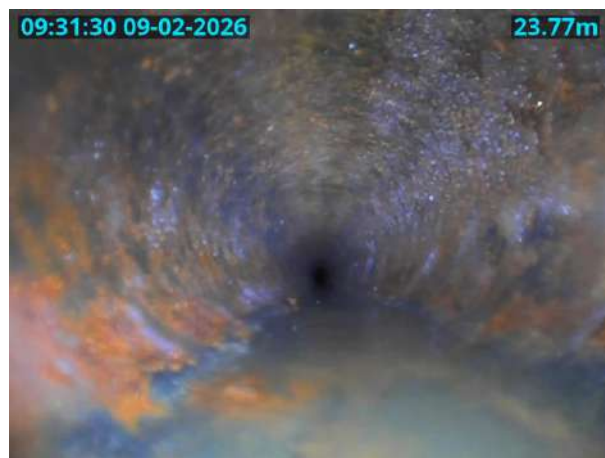
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	5.0	5.0	255.0	1.0	1	2.0	0.0	2.0	3.0

Section Pictures - 09/02/2026 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	MH1X		



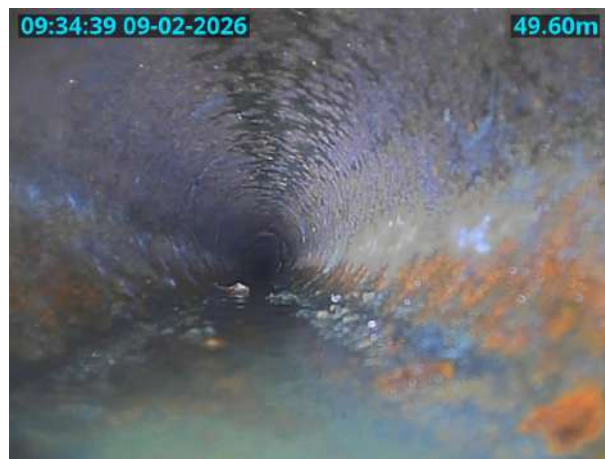
MH1X_D_09022026_0934_001.jpg, 00:01:21, 10.06 m
General photograph taken at this point



MH1X_D_09022026_0934_002.jpg, 00:03:14, 23.77 m
General photograph taken at this point



MH1X_D_09022026_0934_003.jpg, 00:04:42, 34.40 m
General photograph taken at this point



MH1X_D_09022026_0934_004.jpg, 00:06:24, 49.60 m
General photograph taken at this point

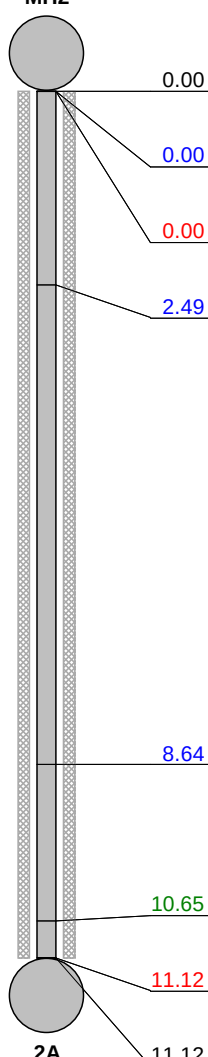
Section Inspection - 09/02/2026 - 2AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	09/02/26	9:55	Not Specified	Rain	No	2AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	2A
Road:	Langstone Technology Park	Inspected Length:	11.12 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	11.12 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:97	Position [m]	Code	Observation	MPEG	Photo	Grade		
<div><div><div>Depth: m</div><div>MH2</div><div></div></div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>2.49</div><div>8.64</div><div>10.65</div><div>11.12</div><div>11.12</div></div><div><div></div><div>WL</div><div>S01</div><div>WL</div><div>GP</div><div>DER</div><div>F01</div><div>MHF</div></div><div><div>Start node, manhole, reference: MH2</div><div>Water level, 5% of the vertical dimension</div><div>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</div><div>Water level, 10% of the vertical dimension</div><div>General photograph taken at this point</div><div>Settled deposits, coarse, 10% cross-sectional area loss</div><div>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</div><div>Finish node, manhole, reference: 2A</div></div><div><div>00:00:00</div><div></div><div>00:00:05</div><div>00:01:01</div><div>00:01:35</div><div>00:01:44</div><div>00:01:51</div><div>00:01:51</div></div><div><div></div><div></div><div></div><div></div><div>2AX_U_09022026_0955_005.j</div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div>									
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
1	5.0	5.4	60.0	1.0	1	2.0	0.2	2.0	3.0

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
1	5.0	5.4	60.0	1.0	1	2.0	0.2	2.0	3.0

Section Pictures - 09/02/2026 - 2AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	2AX		



2AX_U_09022026_0955_005.jpg, 00:01:35, 8.64 m
General photograph taken at this point

Item No. 3	Insp. No. 1	Date 09/02/26	Time 9:58	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH2X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH2
Road:	Langstone Tecnology Park	Inspected Length:	22.39 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	22.39 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

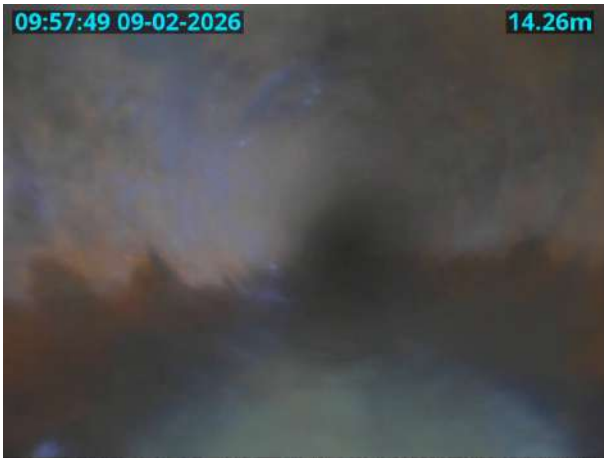
Recommendations:

Scale:	1:194	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH2</div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH2	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension			
		0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:09	
		14.26	GP	General photograph taken at this point	00:01:20	MH2X_D_09022026_0958_00	
		22.39	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:02:07	1
		22.39	MHF	Finish node, manhole, reference: MH3	00:02:07		
<div> <div> <div>Depth: m</div> <div>MH3</div> </div> </div>							

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
1	5.0	5.1	115.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - MH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH2X		



MH2X_D_09022026_0958_006.jpg, 00:01:20, 14.26 m
 General photograph taken at this point

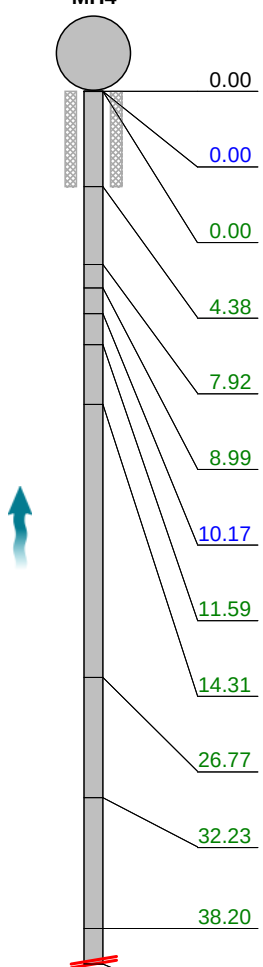
Section Inspection - 09/02/2026 - 4AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	09/02/26	10:25	Not Specified	Rain	No	4AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	4A
Road:	Langstone Technology Park	Inspected Length:	39.82 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	39.82 m	Downstream Node:	MH4
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:345	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																				
<div><div><div>Depth: m</div><div>MH4</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH4</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>DES Settled deposits, fine, 20% cross-sectional area loss, start</td><td>00:00:10</td><td></td><td></td></tr><tr><td>4.38</td><td>F01</td><td>DES Settled deposits, fine, 20% cross-sectional area loss, finish</td><td>00:00:47</td><td></td><td>4</td></tr><tr><td>7.92</td><td>DER</td><td>Settled deposits, coarse, 5% cross-sectional area loss</td><td>00:01:16</td><td></td><td>3</td></tr><tr><td>8.99</td><td>DES</td><td>Settled deposits, fine, 5% cross-sectional area loss</td><td>00:01:22</td><td></td><td>3</td></tr><tr><td>10.17</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:32</td><td>4AX_U_09022026_1025_087.j</td><td></td></tr><tr><td>11.59</td><td>LR</td><td>Line deviates right: Slight</td><td>00:01:46</td><td></td><td></td></tr><tr><td>14.31</td><td>DES</td><td>Settled deposits, fine, 10% cross-sectional area loss</td><td>00:02:04</td><td></td><td>3</td></tr><tr><td>26.77</td><td>DES</td><td>Settled deposits, fine, 5% cross-sectional area loss</td><td>00:03:51</td><td></td><td>3</td></tr><tr><td>32.23</td><td>DES</td><td>Settled deposits, fine, 10% cross-sectional area loss</td><td>00:04:28</td><td></td><td>3</td></tr><tr><td>38.20</td><td>DER</td><td>Settled deposits, coarse, 5% cross-sectional area loss</td><td>00:05:07</td><td></td><td>3</td></tr><tr><td>39.82</td><td>SA</td><td>Survey abandoned: Loss of traction</td><td>00:05:35</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH4	00:00:00			0.00	WL	Water level, 0% of the vertical dimension				0.00	S01	DES Settled deposits, fine, 20% cross-sectional area loss, start	00:00:10			4.38	F01	DES Settled deposits, fine, 20% cross-sectional area loss, finish	00:00:47		4	7.92	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:01:16		3	8.99	DES	Settled deposits, fine, 5% cross-sectional area loss	00:01:22		3	10.17	GP	General photograph taken at this point	00:01:32	4AX_U_09022026_1025_087.j		11.59	LR	Line deviates right: Slight	00:01:46			14.31	DES	Settled deposits, fine, 10% cross-sectional area loss	00:02:04		3	26.77	DES	Settled deposits, fine, 5% cross-sectional area loss	00:03:51		3	32.23	DES	Settled deposits, fine, 10% cross-sectional area loss	00:04:28		3	38.20	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:05:07		3	39.82	SA	Survey abandoned: Loss of traction	00:05:35		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																						
0.00	MH	Start node, manhole, reference: MH4	00:00:00																																																																																								
0.00	WL	Water level, 0% of the vertical dimension																																																																																									
0.00	S01	DES Settled deposits, fine, 20% cross-sectional area loss, start	00:00:10																																																																																								
4.38	F01	DES Settled deposits, fine, 20% cross-sectional area loss, finish	00:00:47		4																																																																																						
7.92	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:01:16		3																																																																																						
8.99	DES	Settled deposits, fine, 5% cross-sectional area loss	00:01:22		3																																																																																						
10.17	GP	General photograph taken at this point	00:01:32	4AX_U_09022026_1025_087.j																																																																																							
11.59	LR	Line deviates right: Slight	00:01:46																																																																																								
14.31	DES	Settled deposits, fine, 10% cross-sectional area loss	00:02:04		3																																																																																						
26.77	DES	Settled deposits, fine, 5% cross-sectional area loss	00:03:51		3																																																																																						
32.23	DES	Settled deposits, fine, 10% cross-sectional area loss	00:04:28		3																																																																																						
38.20	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:05:07		3																																																																																						
39.82	SA	Survey abandoned: Loss of traction	00:05:35																																																																																								

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	7	5.0	0.9	37.0	4.0

Section Pictures - 09/02/2026 - 4AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	4AX		



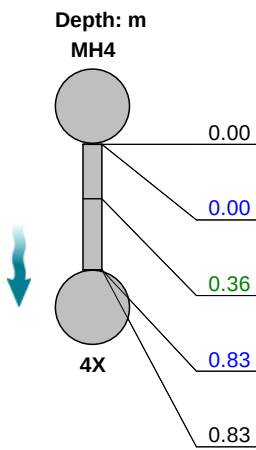
4AX_U_09022026_1025_087.jpg, 00:01:32, 10.17 m
General photograph taken at this point

Section Inspection - 09/02/2026 - MH4X

Item No. 5	Insp. No. 1	Date 09/02/26	Time 10:29	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH4X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH4
Road:	Langstone Technology Park	Inspected Length:	0.83 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	0.83 m	Downstream Node:	4X
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH4	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension			
		0.36	DES	Settled deposits, fine, 20% cross-sectional area loss	00:00:02		4
		0.83	REM	General remark: Line capped	00:00:09	MH4X_D_09022026_1029_08	
		0.83	OCF	Finish node, other special chamber, reference: 4X: Capped	00:00:12		

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	1	5.0	6.0	5.0	5.0

Section Pictures - 09/02/2026 - MH4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	MH4X		



MH4X_D_09022026_1029_088.jpg, 00:00:09, 0.83 m
General remark, Line capped

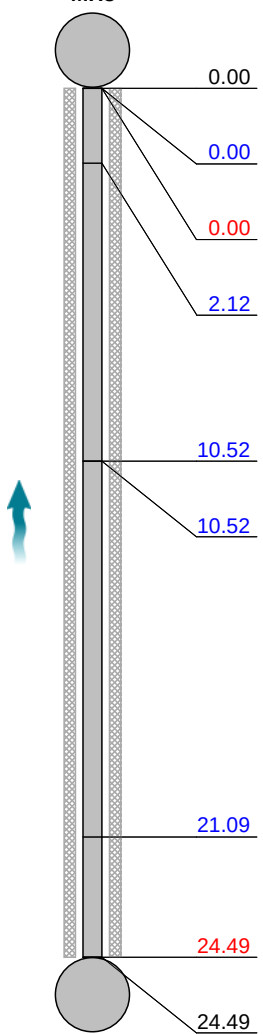
Section Inspection - 09/02/2026 - MH5X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
6	1	09/02/26	10:53	Not Specified	Rain	No	MH5X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH5
Road:	Langstone Technology Park	Inspected Length:	24.49 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	24.49 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:213	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH3</div>  </div> </div>						
	0.00	MH	Start node, manhole, reference: MH3	00:00:00		
	0.00	WL	Water level, 15% of the vertical dimension			
	0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:05	
	2.12	WL	Water level, 10% of the vertical dimension	00:00:21		
	10.52	WL	Water level, 5% of the vertical dimension	00:01:19		
	10.52	GP	General photograph taken at this point	00:01:19	MH5X_U_09022026_1053_00	
	21.09	GP	General photograph taken at this point	00:02:31	MH5X_U_09022026_1053_00	
	24.49	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:02:59	1
	24.49	MHF	Finish node, manhole, reference: MH5	00:02:59		

Construction Features

Miscellaneous Features

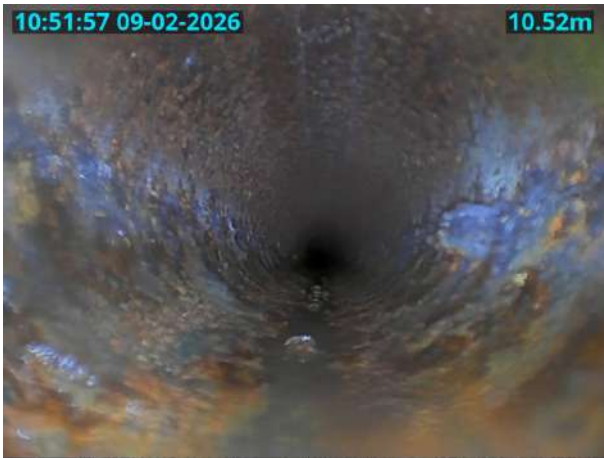
Structural Defects

Service & Operational Observations

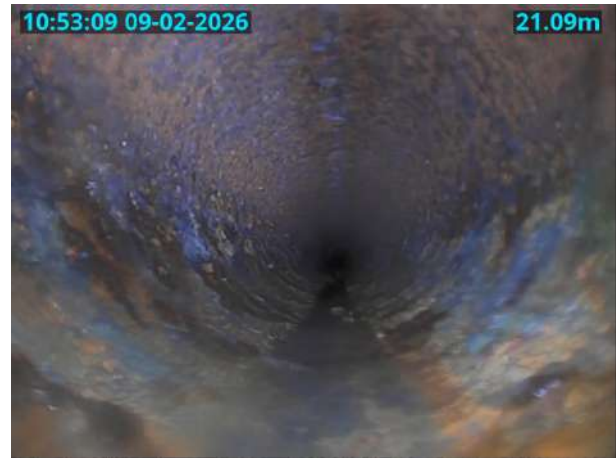
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	5.0	5.1	125.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - MH5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	MH5X		



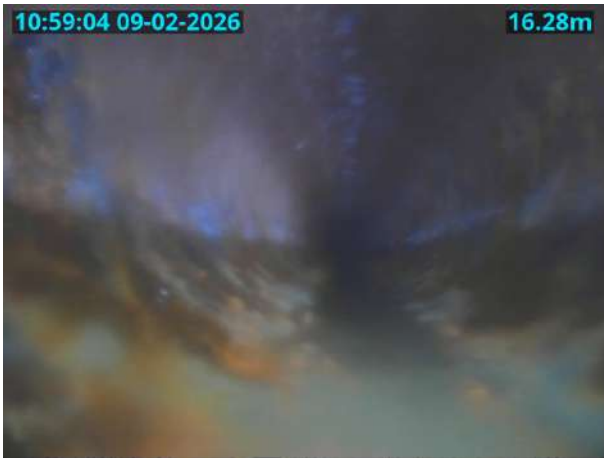
MH5X_U_09022026_1053_007.jpg, 00:01:19, 10.52 m
General photograph taken at this point



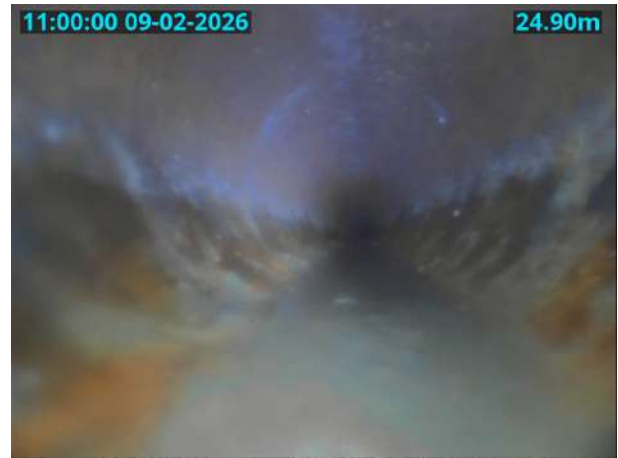
MH5X_U_09022026_1053_008.jpg, 00:02:31, 21.09 m
General photograph taken at this point

Section Pictures - 09/02/2026 - MH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	MH3X		



MH3X_D_09022026_1100_009.jpg, 00:01:49, 16.28 m
General photograph taken at this point



MH3X_D_09022026_1100_010.jpg, 00:02:45, 24.90 m
General photograph taken at this point

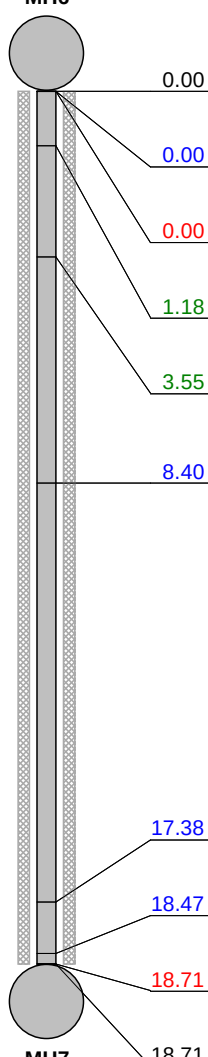
Section Inspection - 09/02/2026 - MH6X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
8	1	09/02/26	11:28	Not Specified	Rain	No	MH6X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH6
Road:	Langstone Technology Park	Inspected Length:	18.71 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	18.71 m	Downstream Node:	MH7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:162	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																		
<div><div><div>Depth: m</div><div>MH6</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH6</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:04</td><td></td><td></td></tr><tr><td>1.18</td><td>LR</td><td>Line deviates right: Marginal</td><td>00:00:10</td><td></td><td></td></tr><tr><td>3.55</td><td>DEC</td><td>Settled deposits, hard or compacted, 10% cross-sectional area loss</td><td>00:00:26</td><td></td><td>3</td></tr><tr><td>8.40</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:01</td><td>MH6X_D_09022026_1128_08</td><td></td></tr><tr><td>17.38</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:53</td><td>MH6X_D_09022026_1128_09</td><td></td></tr><tr><td>18.47</td><td>REM</td><td>General remark: Non return valve fitted</td><td>00:02:01</td><td></td><td></td></tr><tr><td>18.71</td><td>F01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:02:10</td><td></td><td>1</td></tr><tr><td>18.71</td><td>MHF</td><td>Finish node, manhole, reference: MH7</td><td>00:02:10</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH6	00:00:00			0.00	WL	Water level, 5% of the vertical dimension				0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:04			1.18	LR	Line deviates right: Marginal	00:00:10			3.55	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss	00:00:26		3	8.40	GP	General photograph taken at this point	00:01:01	MH6X_D_09022026_1128_08		17.38	GP	General photograph taken at this point	00:01:53	MH6X_D_09022026_1128_09		18.47	REM	General remark: Non return valve fitted	00:02:01			18.71	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:02:10		1	18.71	MHF	Finish node, manhole, reference: MH7	00:02:10		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																				
0.00	MH	Start node, manhole, reference: MH6	00:00:00																																																																						
0.00	WL	Water level, 5% of the vertical dimension																																																																							
0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:04																																																																						
1.18	LR	Line deviates right: Marginal	00:00:10																																																																						
3.55	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss	00:00:26		3																																																																				
8.40	GP	General photograph taken at this point	00:01:01	MH6X_D_09022026_1128_08																																																																					
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18.71	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:02:10		1																																																																				
18.71	MHF	Finish node, manhole, reference: MH7	00:02:10																																																																						

Construction Features

Miscellaneous Features

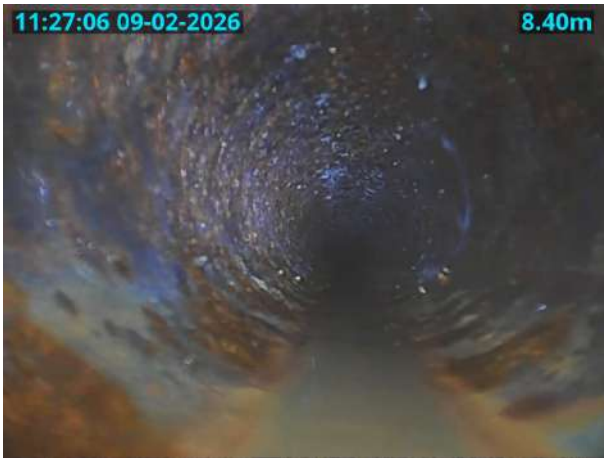
Structural Defects

Service & Operational Observations

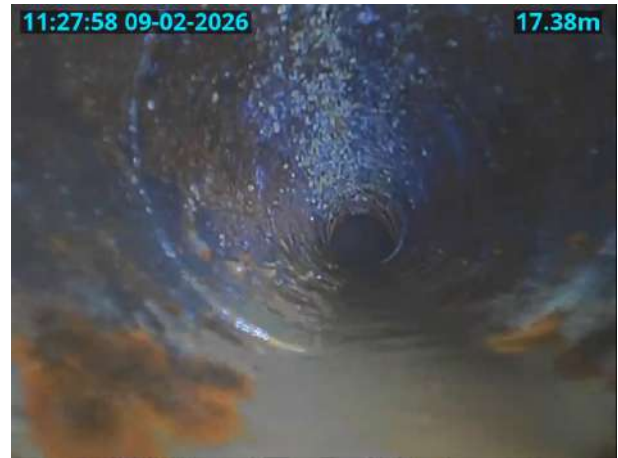
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	5.0	5.1	95.0	1.0	1	2.0	0.1	2.0	3.0

Section Pictures - 09/02/2026 - MH6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	MH6X		



MH6X_D_09022026_1128_089.jpg, 00:01:01, 8.40 m
General photograph taken at this point



MH6X_D_09022026_1128_090.jpg, 00:01:53, 17.38 m
General photograph taken at this point

Item No. 9	Insp. No. 1	Date 09/02/26	Time 11:45	Client`s Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR 8AX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

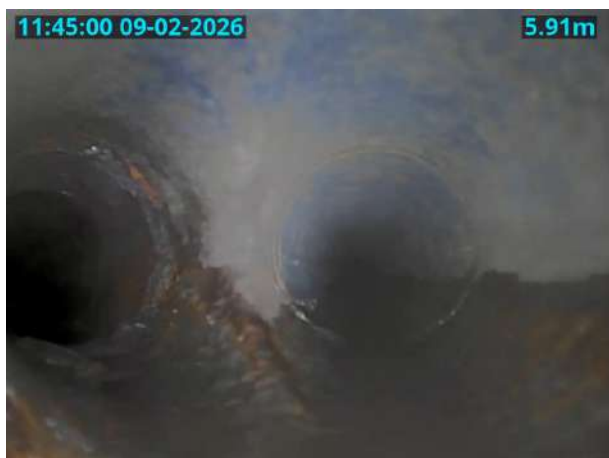
Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	8A
Road:	Langstone Tecnology Park	Inspected Length:	8.87 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	8.87 m	Downstream Node:	MH8
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Scale:	1:77	Position [m]	Code	Observation	MPEG	Photo	Grade
	Depth: m						
	8A						
	0.00		MH	Start node, manhole, reference: MH8	00:00:00		
	0.00		WL	Water level, 5% of the vertical dimension			
	0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:12		
	5.91		JN	Junction at 9 o'clock, 100mm dia	00:00:41		
	5.91		GP	General photograph taken at this point	00:00:41	8AX_D_09 022026_1 145_011.j	
	8.75		LU	Line deviates up: Severe	00:01:03		
	8.87	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:10		1
	8.87		OCF	Finish node, other special chamber, reference: MH8: Stack	00:01:10		
MH8							
Depth: m							

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
1	5.0	5.1	45.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - 8AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Downstream	8AX		



8AX_D_09022026_1145_011.jpg, 00:00:41, 5.91 m
 General photograph taken at this point

Section Inspection - 09/02/2026 - 8BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
10	1	09/02/26	11:47	Not Specified	Rain	No	8BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	8B
Road:	Langstone Technology Park	Inspected Length:	8.40 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	8.40 m	Downstream Node:	MH8
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:73	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>MH8</div><div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.73</div><div>4.73</div><div>8.40</div><div>8.40</div></div><div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>4.7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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
1	5.0	5.4	45.0	1.0	1	5.0	3.0	25.0	4.0

Section Pictures - 09/02/2026 - 8BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Upstream	8BX		



8BX_U_09022026_1147_091.jpg, 00:00:32, 4.73 m
General photograph taken at this point

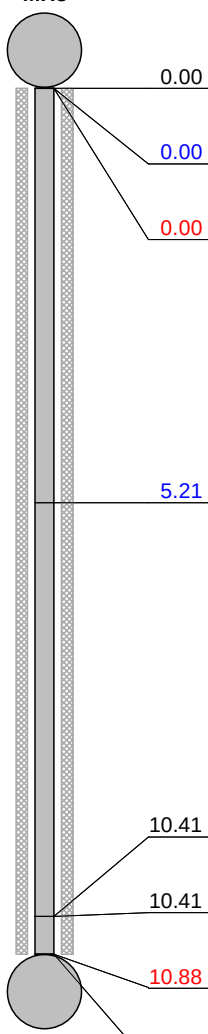
Section Inspection - 09/02/2026 - MH8X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
11	1	09/02/26	11:51	Not Specified	Rain	No	MH8X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH8
Road:	Langstone Technology Park	Inspected Length:	10.88 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	10.88 m	Downstream Node:	MH9
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:95	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH8</div>  </div> </div>							
		0.00	MH	Start node, manhole, reference: MH8	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:03	
		5.21	GP	General photograph taken at this point	00:00:40	MH8X_D_09022026_1151_01	
		10.41	MCVC	Pipe material changes to vitrified clay at this point	00:01:19		
		10.41	SC	Pipe size changes, new size(s), 150mm high	00:01:19		
		10.88	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:25	1
		10.88	MHF	Finish node, manhole, reference: MH9	00:01:25		

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
1	5.0	5.1	55.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - MH8X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Downstream	MH8X		



MH8X_D_09022026_1151_012.jpg, 00:00:40, 5.21 m
 General photograph taken at this point

Section Inspection - 09/02/2026 - 9BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
12	1	09/02/26	11:59	Not Specified	Rain	No	9BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	9B
Road:	Langstone Technology Park	Inspected Length:	6.74 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.74 m	Downstream Node:	MH9
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:59	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH9</div> <div>0.00</div> <div>0.00</div> <div>2.01</div> <div>5.79</div> <div>6.74</div> <div>9B</div> <div>Depth: m</div> </div> <div> <div>MH</div> <div>WL</div> <div>GP</div> <div>DES</div> <div>OCF</div> </div> <div> <div>Start node, manhole, reference: MH9</div> <div>Water level, 5% of the vertical dimension</div> <div>General photograph taken at this point</div> <div>Settled deposits, fine, 10% cross-sectional area loss</div> <div>Finish node, other special chamber, reference: 9B: Trap</div> </div> <div> <div>00:00:00</div> <div>00:00:17</div> <div>00:00:37</div> <div>00:00:43</div> </div> <div> <div>9BX_U_09</div> <div>022026_1</div> <div>159_092.j</div> </div> </div>							

Construction Features

Structural Defects

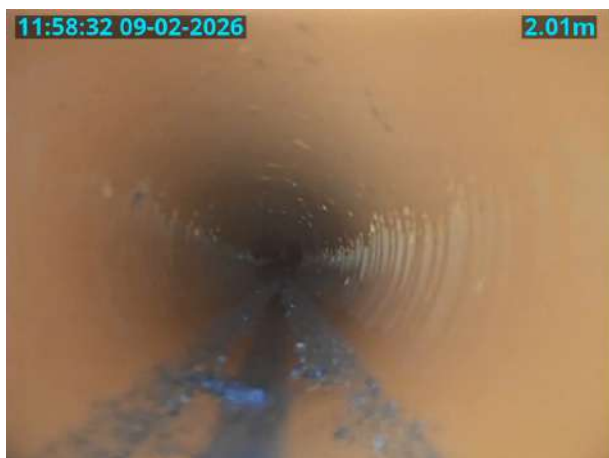
Miscellaneous Features

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	1	2.0	0.3	2.0	3.0

Section Pictures - 09/02/2026 - 9BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Upstream	9BX		



9BX_U_09022026_1159_092.jpg, 00:00:17, 2.01 m
General photograph taken at this point

Section Inspection - 09/02/2026 - 9CX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
13	1	09/02/26	12:02	Not Specified	Rain	No	9CX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	9C
Road:	Langstone Tecnology Park	Inspected Length:	13.48 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	13.48 m	Downstream Node:	MH9
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:117	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>MH9</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></d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Construction Features

Structural Defects

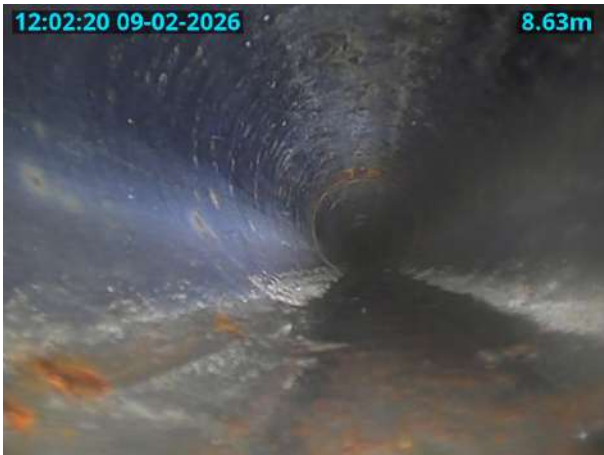
Miscellaneous Features

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
1	5.0	5.2	70.0	1.0	2	2.0	0.3	4.0	3.0

Section Pictures - 09/02/2026 - 9CX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
13	Upstream	9CX		



9CX_U_09022026_1202_093.jpg, 00:01:18, 8.63 m
General photograph taken at this point

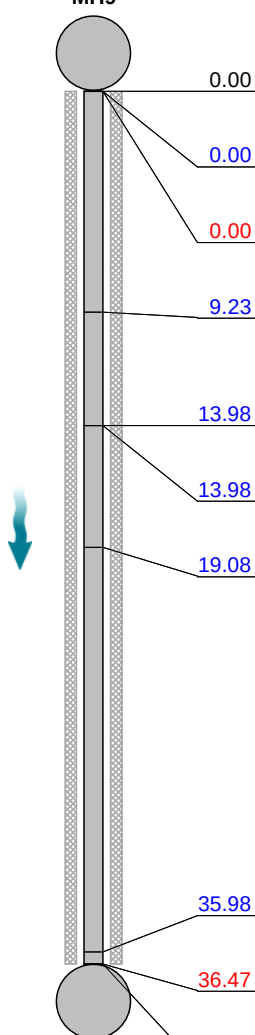
Section Inspection - 09/02/2026 - MH9X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
14	1	09/02/26	12:08	Not Specified	Rain	No	MH9X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH9
Road:	Langstone Technology Park	Inspected Length:	36.47 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	36.47 m	Downstream Node:	MH10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:316	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																		
<div><div><div>Depth: m</div><div>MH9</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH9</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:15</td><td></td><td></td></tr><tr><td>9.23</td><td>WL</td><td>Water level, 25% of the vertical dimension</td><td>00:01:07</td><td></td><td></td></tr><tr><td>13.98</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:49</td><td>MH9X_D_09022026_1208_09</td><td></td></tr><tr><td>13.98</td><td>WL</td><td>Water level, 15% of the vertical dimension</td><td>00:01:56</td><td></td><td></td></tr><tr><td>19.08</td><td>CUW</td><td>Loss of vision, camera under water</td><td>00:02:26</td><td></td><td></td></tr><tr><td>35.98</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:04:22</td><td></td><td></td></tr><tr><td>36.47</td><td>F01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:04:30</td><td></td><td>1</td></tr><tr><td>36.47</td><td>MHF</td><td>Finish node, manhole, reference: MH10</td><td>00:04:30</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH9	00:00:00			0.00	WL	Water level, 10% of the vertical dimension				0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:15			9.23	WL	Water level, 25% of the vertical dimension	00:01:07			13.98	GP	General photograph taken at this point	00:01:49	MH9X_D_09022026_1208_09		13.98	WL	Water level, 15% of the vertical dimension	00:01:56			19.08	CUW	Loss of vision, camera under water	00:02:26			35.98	WL	Water level, 20% of the vertical dimension	00:04:22			36.47	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:04:30		1	36.47	MHF	Finish node, manhole, reference: MH10	00:04:30		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																				
0.00	MH	Start node, manhole, reference: MH9	00:00:00																																																																						
0.00	WL	Water level, 10% of the vertical dimension																																																																							
0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:15																																																																						
9.23	WL	Water level, 25% of the vertical dimension	00:01:07																																																																						
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36.47	MHF	Finish node, manhole, reference: MH10	00:04:30																																																																						

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
1	5.0	5.1	185.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - MH9X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Downstream	MH9X		



MH9X_D_09022026_1208_094.jpg, 00:01:49, 13.98 m
 General photograph taken at this point

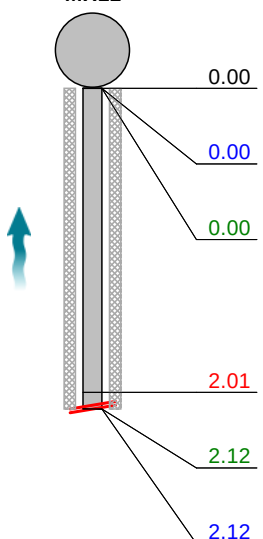
Section Inspection - 09/02/2026 - 11AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
15	1	09/02/26	12:24	Not Specified	Rain	No	11AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	11A
Road:	Langstone Technology Park	Inspected Length:	2.12 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	2.12 m	Downstream Node:	MH11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH11</div>  </div> </div>							
		0.00	MH	Start node, manhole, reference: MH11	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.00	S01	DES	Settled deposits, fine, 5% cross-sectional area loss, start	00:00:10	
		2.01	XP	Collapsed drain or sewer, 100% cross-sectional area loss	00:00:17	11AX_U_09022026_1224_013.	5
		2.12	F01	DES	Settled deposits, fine, 5% cross-sectional area loss, finish	00:00:19	3
		2.12	SA	Survey abandoned: Collapse	00:00:19		

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
1	165.0	77.8	165.0	5.0	1	2.0	2.8	6.0	4.0

Section Pictures - 09/02/2026 - 11AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
15	Upstream	11AX		



11AX_U_09022026_1224_013.jpg, 00:00:17, 2.01 m
 Collapsed drain or sewer, 100% cross-sectional area loss

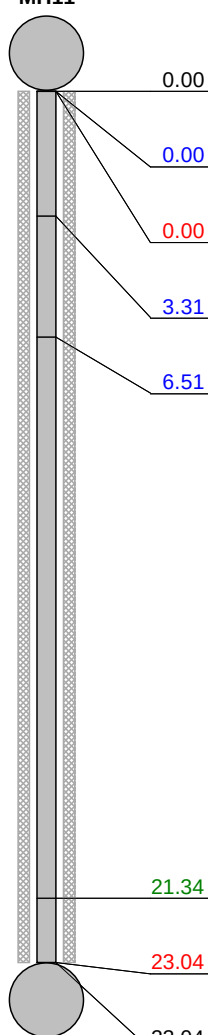
Section Inspection - 09/02/2026 - 11BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
16	1	09/02/26	12:27	Not Specified	Rain	No	11BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	11B
Road:	Langstone Technology Park	Inspected Length:	23.04 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	23.04 m	Downstream Node:	MH11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:200	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>MH11</div><div></div><div>0.00</div><div>0.00</div><div>0.00</div><div>3.31</div><div>6.51</div><div>21.34</div><div>23.04</div><div>23.04</div><div>11B</div><div>Depth: m</div></div><div><div></div><div>WL</div><div>S01</div><div>WL</div><div>GP</div><div>DEX</div><div>F01</div><div>MHF</div></div><div><div>Start node, manhole, reference: MH11</div><div>Water level, 25% of the vertical dimension</div><div>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</div><div>Water level, 10% of the vertical dimension</div><div>General photograph taken at this point</div><div>Settled deposits, other, 10% cross-sectional area loss: Foul</div><div>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</div><div>Finish node, manhole, reference: 11B</div></div><div><div>00:00:00</div><div></div><div>00:00:09</div><div>00:00:22</div><div>00:00:41</div><div>00:02:05</div><div>00:02:13</div><div>00:02:13</div></div><div><div></div><div></div><div></div><div></div><div>11BX_U_09022026_1227_014.</div><div></div><div></div><div></div></div></div>							

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
1	5.0	5.2	120.0	1.0	1	2.0	0.1	2.0	3.0

Section Pictures - 09/02/2026 - 11BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Upstream	11BX		



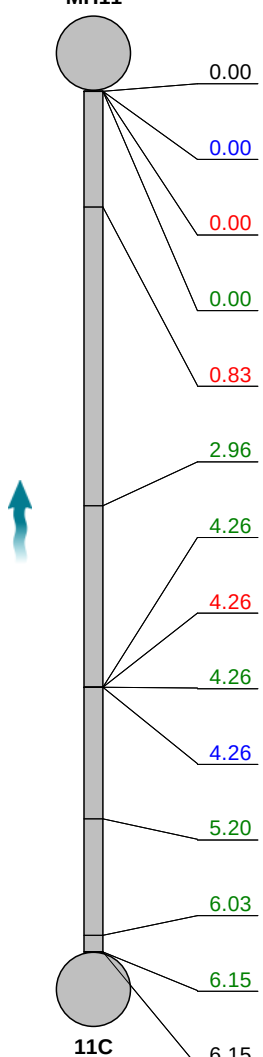
11BX_U_09022026_1227_014.jpg, 00:00:41, 6.51 m
 General photograph taken at this point

Section Inspection - 09/02/2026 - 11CX

Item No. 17	Insp. No. 1	Date 09/02/26	Time 12:29	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR 11CX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	11C
Road:	Langstone Technology Park	Inspected Length:	6.15 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.15 m	Downstream Node:	MH11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

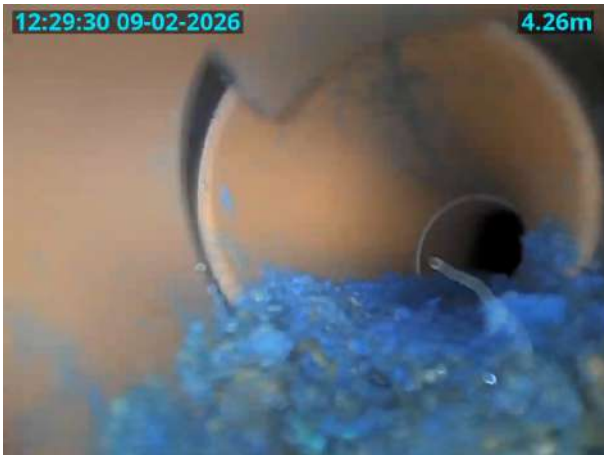
Scale:	1:54	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>MH11</div><div></div></div><div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.00</div><div>0.83</div><div>2.96</div><div>4.26</div><div>4.26</div><div>4.26</div><div>5.20</div><div>6.03</div><div>6.15</div><div>6.15</div></div><div><div></div><div>WL</div><div>JDM</div><div>DES</div><div>CC</div><div>DES</div><div>DES</div><div>JDM</div><div>LR</div><div>GP</div><div>DES</div><div>LR</div><div>DEX</div><div>GYF</div></div><div><div>Start node, manhole, reference: MH11</div><div>Water level, 0% of the vertical dimension</div><div>Joint displaced, medium</div><div>Settled deposits, fine, 40% cross-sectional area loss</div><div>Crack, circumferential from 12 o'clock to 12 o'clock</div><div>Settled deposits, fine, 10% cross-sectional area loss</div><div>Settled deposits, fine, 30% cross-sectional area loss</div><div>Joint displaced, medium</div><div>Line deviates right: Marginal</div><div>General photograph taken at this point</div><div>Settled deposits, fine, 40% cross-sectional area loss</div><div>Line deviates right: Marginal</div><div>Settled deposits, other, 90% cross-sectional area loss: Litter</div><div>Finish node, gully, reference: 11C</div></div><div><div>00:00:00</div><div></div><div>00:00:01</div><div>00:00:01</div><div>00:00:10</div><div>00:00:23</div><div>00:00:34</div><div>00:00:34</div><div>00:00:34</div><div>00:00:42</div><div>00:00:46</div><div>00:00:50</div><div>00:00:55</div></div><div><div></div><div></div><div>1 / 3</div><div>4</div><div>2 / 2</div><div>3</div><div>4</div><div>1 / 3</div><div></div><div></div><div>4</div><div></div><div>5</div><div></div></div></div>							

Construction Features
Structural Defects
Miscellaneous Features
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	10.0	2.0	12.0	2.0	8	10.0	5.2	32.0	5.0

Section Pictures - 09/02/2026 - 11CX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
17	Upstream	11CX		



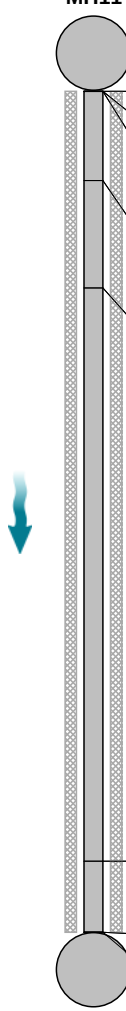
11CX_U_09022026_1229_015.jpg, 00:00:34, 4.26 m
General photograph taken at this point

Section Inspection - 09/02/2026 - MH11X

Item No. 18	Insp. No. 1	Date 09/02/26	Time 12:32	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH11X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH11
Road:	Langstone Technology Park	Inspected Length:	5.56 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.56 m	Downstream Node:	MH12
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

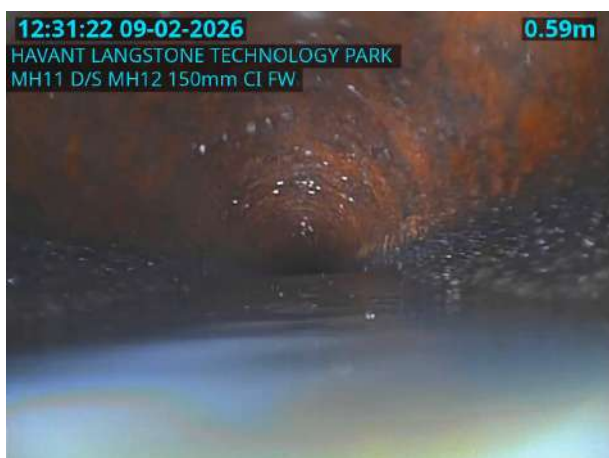
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																						
<div><div><div>Depth: m</div><div>MH11</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH11</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01 SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:02</td><td></td><td></td></tr><tr><td>0.59</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:08</td><td>MH11X_D_09022026_1232_0</td><td></td></tr><tr><td>1.30</td><td>CUW</td><td>Loss of vision, camera under water</td><td>00:00:13</td><td></td><td></td></tr><tr><td>5.09</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:00:40</td><td></td><td></td></tr><tr><td>5.56</td><td>F01 SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:00:44</td><td></td><td>1</td></tr><tr><td>5.56</td><td>MHF</td><td>Finish node, manhole, reference: MH12</td><td>00:00:44</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH11	00:00:00			0.00	WL	Water level, 20% of the vertical dimension				0.00	S01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:02			0.59	GP	General photograph taken at this point	00:00:08	MH11X_D_09022026_1232_0		1.30	CUW	Loss of vision, camera under water	00:00:13			5.09	WL	Water level, 20% of the vertical dimension	00:00:40			5.56	F01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:00:44		1	5.56	MHF	Finish node, manhole, reference: MH12	00:00:44		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																								
0.00	MH	Start node, manhole, reference: MH11	00:00:00																																																										
0.00	WL	Water level, 20% of the vertical dimension																																																											
0.00	S01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:02																																																										
0.59	GP	General photograph taken at this point	00:00:08	MH11X_D_09022026_1232_0																																																									
1.30	CUW	Loss of vision, camera under water	00:00:13																																																										
5.09	WL	Water level, 20% of the vertical dimension	00:00:40																																																										
5.56	F01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:00:44		1																																																								
5.56	MHF	Finish node, manhole, reference: MH12	00:00:44																																																										
<div><div><div>Depth: m</div><div>MH12</div></div></div>																																																													

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
1	5.0	5.4	30.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - MH11X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
18	Downstream	MH11X		



MH11X_D_09022026_1232_016.jpg, 00:00:08, 0.59 m
 General photograph taken at this point

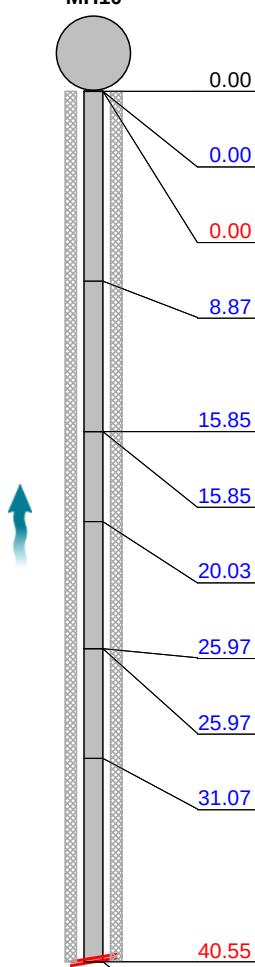
Section Inspection - 09/02/2026 - 10AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
19	1	09/02/26	13:52	Not Specified	Rain	No	10AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	10A
Road:	Langstone Tecnology Park	Inspected Length:	40.55 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	40.55 m	Downstream Node:	MH10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:352	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																														
<div><div><div>Depth: m</div><div>MH10</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH10</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 25% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01 SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:07</td><td></td><td></td></tr><tr><td>8.87</td><td>CUW</td><td>Loss of vision, camera under water</td><td>00:01:04</td><td></td><td></td></tr><tr><td>15.85</td><td>WL</td><td>Water level, 30% of the vertical dimension</td><td>00:01:59</td><td></td><td></td></tr><tr><td>15.85</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:59</td><td>10AX_U_09022026_1352_017.</td><td></td></tr><tr><td>20.03</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:02:27</td><td></td><td></td></tr><tr><td>25.97</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:03:04</td><td></td><td></td></tr><tr><td>25.97</td><td>GP</td><td>General photograph taken at this point</td><td>00:03:04</td><td>10AX_U_09022026_1352_018.</td><td></td></tr><tr><td>31.07</td><td>WL</td><td>Water level, 15% of the vertical dimension</td><td>00:03:35</td><td></td><td></td></tr><tr><td>40.55</td><td>F01 SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:04:34</td><td></td><td>1</td></tr><tr><td>40.55</td><td>SA</td><td>Survey abandoned: Loss of traction</td><td>00:04:34</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH10	00:00:00			0.00	WL	Water level, 25% of the vertical dimension				0.00	S01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:07			8.87	CUW	Loss of vision, camera under water	00:01:04			15.85	WL	Water level, 30% of the vertical dimension	00:01:59			15.85	GP	General photograph taken at this point	00:01:59	10AX_U_09022026_1352_017.		20.03	WL	Water level, 20% of the vertical dimension	00:02:27			25.97	WL	Water level, 10% of the vertical dimension	00:03:04			25.97	GP	General photograph taken at this point	00:03:04	10AX_U_09022026_1352_018.		31.07	WL	Water level, 15% of the vertical dimension	00:03:35			40.55	F01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:04:34		1	40.55	SA	Survey abandoned: Loss of traction	00:04:34		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																
0.00	MH	Start node, manhole, reference: MH10	00:00:00																																																																																		
0.00	WL	Water level, 25% of the vertical dimension																																																																																			
0.00	S01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:07																																																																																		
8.87	CUW	Loss of vision, camera under water	00:01:04																																																																																		
15.85	WL	Water level, 30% of the vertical dimension	00:01:59																																																																																		
15.85	GP	General photograph taken at this point	00:01:59	10AX_U_09022026_1352_017.																																																																																	
20.03	WL	Water level, 20% of the vertical dimension	00:02:27																																																																																		
25.97	WL	Water level, 10% of the vertical dimension	00:03:04																																																																																		
25.97	GP	General photograph taken at this point	00:03:04	10AX_U_09022026_1352_018.																																																																																	
31.07	WL	Water level, 15% of the vertical dimension	00:03:35																																																																																		
40.55	F01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:04:34		1																																																																																
40.55	SA	Survey abandoned: Loss of traction	00:04:34																																																																																		

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
1	5.0	5.1	205.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/02/2026 - 10AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
19	Upstream	10AX		



10AX_U_09022026_1352_017.jpg, 00:01:59, 15.85 m
General photograph taken at this point



10AX_U_09022026_1352_018.jpg, 00:03:04, 25.97 m
General photograph taken at this point

Section Inspection - 09/02/2026 - 10BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
20	1	09/02/26	13:57	Not Specified	Rain	No	10BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

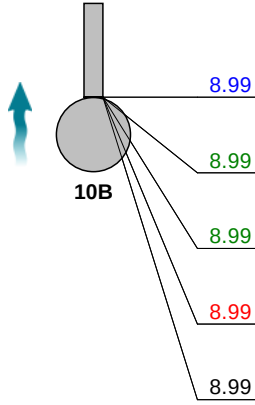
Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	10B
Road:	Langstone Tecnology Park	Inspected Length:	8.99 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	8.99 m	Downstream Node:	MH10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:71	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH10							
		0.00	MH	Start node, manhole, reference: MH10	00:00:00		
		0.00	WL	Water level, 30% of the vertical dimension			
		0.00	IRJ	Infiltration, running at joint from 8 o'clock to 4 o'clock	00:00:00		
		0.12	CUW	Loss of vision, camera under water	00:00:05		
		2.49	JDM	Joint displaced, medium: Visable through water	00:00:18	10BX_U_0 9022026_ 1357_019.	1 / 3
		3.43	WL	Water level, 30% of the vertical dimension	00:00:24		
		3.79	WL	Water level, 5% of the vertical dimension	00:00:28		
		3.79	JDM	Joint displaced, medium	00:00:28		1 / 3
		3.79	GP	General photograph taken at this point	00:00:28	10BX_U_0 9022026_ 1357_020.	
		7.22	JDM	Joint displaced, medium	00:00:48	10BX_U_0 9022026_ 1357_021.	1 / 3
		7.22	WL	Water level, 15% of the vertical dimension	00:00:49		

Section Inspection - 09/02/2026 - 10BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
20	1	09/02/26	13:57	Not Specified	Rain	No	10BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:71	Position [m]	Code	Observation	MPEG	Photo	Grade		
 <p>10B</p> <p>Depth: m</p>	8.99	WL	Water level, 5% of the vertical dimension	00:01:02					
	8.99	LU	Line deviates up: Slight	00:01:02					
	8.99	LR	Line deviates right: Slight	00:01:02					
	8.99	JDM	Joint displaced, medium	00:01:02		1 / 3			
	8.99	MHF	Finish node, manhole, reference: 10B	00:01:06					
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
4	1.0	0.4	4.0	1.0	4	2.0	0.9	8.0	3.0

Section Pictures - 09/02/2026 - 10BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Upstream	10BX		



10BX_U_09022026_1357_019.jpg, 00:00:18, 2.49 m
Joint displaced, medium, Visible through water



10BX_U_09022026_1357_020.jpg, 00:00:28, 3.79 m
General photograph taken at this point



10BX_U_09022026_1357_021.jpg, 00:00:48, 7.22 m
Joint displaced, medium

Section Inspection - 09/02/2026 - 12AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
21	1	09/02/26	14:11	Not Specified	Rain	No	12AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

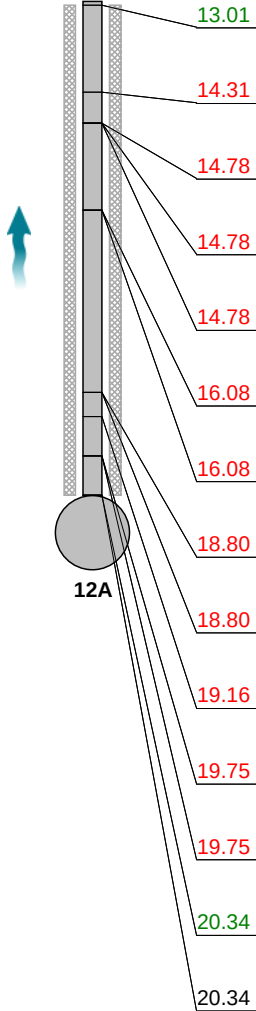
Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	12A
Road:	Langstone Technology Park	Inspected Length:	20.34 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	20.34 m	Downstream Node:	MH12
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:113	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div>Depth: m</div><div>MH12</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></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Section Inspection - 09/02/2026 - 12AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
21	1	09/02/26	14:11	Not Specified	Rain	No	12AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:113	Position [m]	Code	Observation	MPEG	Photo	Grade
		13.01	S03	DER	Settled deposits, coarse, 20% cross-sectional area loss, start	00:01:19	
		14.31		CLJ	Crack, longitudinal at joint at 3 o'clock	00:01:29	2 / 2
		14.78		FL	Fracture, longitudinal at 8 o'clock	00:01:31	3 / 2
		14.78		FL	Fracture, longitudinal at 4 o'clock	00:01:31	3 / 2
		14.78		FC	Fracture, circumferential from 7 o'clock to 5 o'clock	00:01:31	12AX_U_0 9022026_1411_026. 3 / 2
		16.08		FL	Fracture, longitudinal at 8 o'clock	00:01:41	3 / 2
		16.08		FL	Fracture, longitudinal at 10 o'clock	00:01:41	12AX_U_0 9022026_1411_027. 3 / 2
		18.80		FL	Fracture, longitudinal at 2 o'clock	00:02:03	3 / 2
		18.80		FL	Fracture, longitudinal at 10 o'clock	00:02:03	12AX_U_0 9022026_1411_028. 3 / 2
		19.16		FM	Fractures, multiple from 12 o'clock to 12 o'clock	00:02:06	12AX_U_0 9022026_1411_029. 4 / 2
		19.75		D	Deformed sewer or drain, 10%	00:02:12	4 / 3
		19.75		B	Broken pipe from 2 o'clock to 8 o'clock	00:02:12	12AX_U_0 9022026_1411_030. 4
		20.34	F03	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish	00:02:23	4
		20.34	MHF	Finish node, manhole, reference: 12A	00:02:23		

Depth: m

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
15	160.0	37.9	770.0	4.0	18	9.0	3.6	73.0	4.0

Section Pictures - 09/02/2026 - 12AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	12AX		



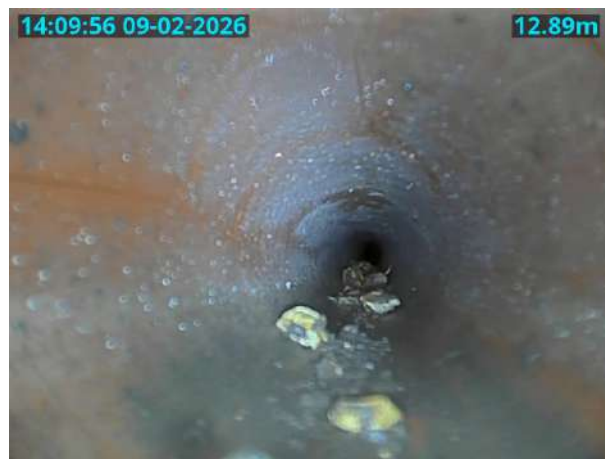
12AX_U_09022026_1411_022.jpg, 00:00:18, 2.48 m
Hole in drain or sewer from 9 o'clock to 11 o'clock



12AX_U_09022026_1411_023.jpg, 00:00:47, 6.98 m
General photograph taken at this point



12AX_U_09022026_1411_024.jpg, 00:01:09, 10.88 m
Hole in drain or sewer from 1 o'clock to 3 o'clock



12AX_U_09022026_1411_025.jpg, 00:01:19, 12.89 m
Fracture, longitudinal at 9 o'clock

Section Pictures - 09/02/2026 - 12AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	12AX		



12AX_U_09022026_1411_026.jpg, 00:01:31, 14.78 m
Fracture, circumferential from 7 o'clock to 5 o'clock



12AX_U_09022026_1411_027.jpg, 00:01:41, 16.08 m
Fracture, longitudinal at 10 o'clock



12AX_U_09022026_1411_028.jpg, 00:02:03, 18.80 m
Fracture, longitudinal at 10 o'clock



12AX_U_09022026_1411_029.jpg, 00:02:06, 19.16 m
Fractures, multiple from 12 o'clock to 12 o'clock

Section Pictures - 09/02/2026 - 12AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	12AX		



12AX_U_09022026_1411_030.jpg, 00:02:12, 19.75 m
Broken pipe from 2 o'clock to 8 o'clock

Item No. 22	Insp. No. 1	Date 09/02/26	Time 14:15	Client`s Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH12X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH12
Road:	Langstone Tecnology Park	Inspected Length:	26.93 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	26.93 m	Downstream Node:	MH13A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

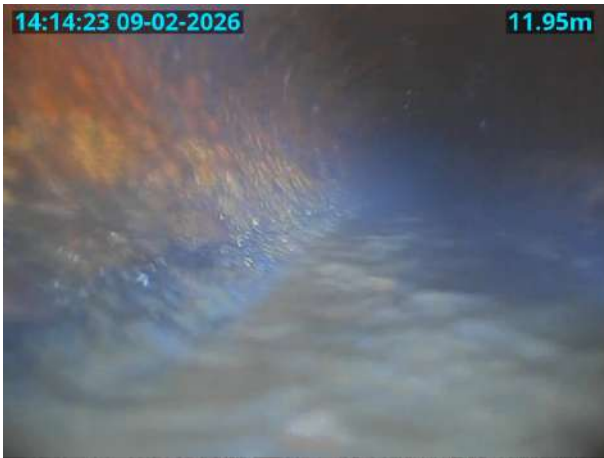
Recommendations:

Scale:	1:234	Position [m]	Code	Observation	MPEG	Photo	Grade
	Depth: m MH12						
	0.00	MH	Start node, manhole, reference: MH12	00:00:00			
	0.00	WL	Water level, 20% of the vertical dimension				
	0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:07		
	1.06	DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss	00:00:09			3
	1.54	WL	Water level, 10% of the vertical dimension	00:00:11			
	9.46	WL	Water level, 20% of the vertical dimension	00:01:02			
	10.88	DEX	Settled deposits, other, 20% cross-sectional area loss: Foul	00:01:13			4
	11.95	WL	Water level, 10% of the vertical dimension	00:01:20			
	11.95	GP	General photograph taken at this point	00:01:20	MH12X_D_0902202_6_1415_0		
	20.62	GP	General photograph taken at this point	00:02:10	MH12X_D_0902202_6_1415_0		
	25.47	WL	Water level, 20% of the vertical dimension	00:02:37			
	26.93	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:02:47		
26.93	MHF	Finish node, manhole, reference: MH13A	00:02:50				
Depth: m MH13A							

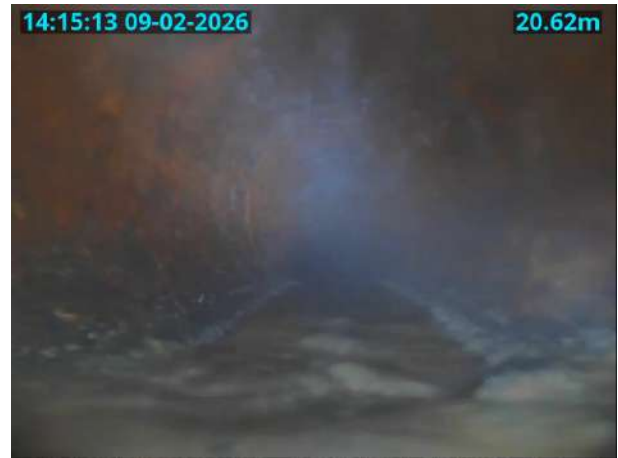
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	5.0	5.0	135.0	1.0	2	5.0	0.3	7.0	4.0

Section Pictures - 09/02/2026 - MH12X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	MH12X		



MH12X_D_09022026_1415_095.jpg, 00:01:20, 11.95 m
 General photograph taken at this point



MH12X_D_09022026_1415_096.jpg, 00:02:10, 20.62 m
 General photograph taken at this point

Section Inspection - 09/02/2026 - 14AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
23	1	09/02/26	14:36	Not Specified	Rain	No	14AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	14A
Road:	Langstone Technology Park	Inspected Length:	18.93 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	18.93 m	Downstream Node:	MH14
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

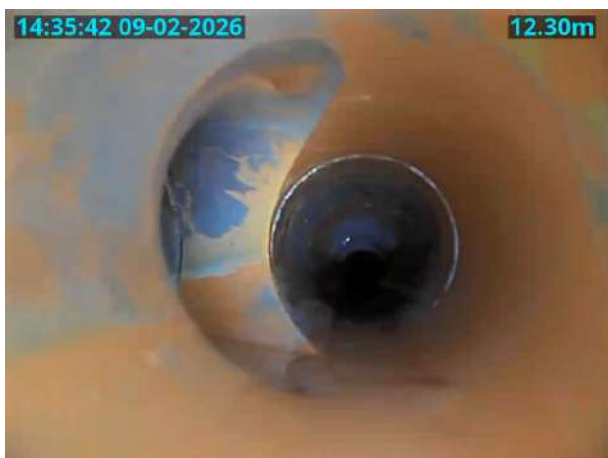
Comments:

Recommendations:

Scale:	1:164	Position [m]	Code	Observation	MPEG	Photo	Grade		
<div><div><div><div>Depth: m</div><div>MH14</div><div><div><div>0.00</div><div>0.00</div></div><div><div>12.30</div><div>12.30</div></div><div><div>14.67</div><div>18.34</div></div><div><div>18.34</div><div>18.81</div></div><div><div>18.93</div><div>18.93</div></div></div><div><div>14A</div><div>Depth: m</div></div></div><div><div><div>MH</div><div>WL</div><div>JN</div><div>GP</div><div>JN</div><div>JN</div><div>GP</div><div>DEX</div><div>LU</div><div>OCF</div></div><div><div>Start node, manhole, reference: MH14</div><div>Water level, 5% of the vertical dimension</div><div>Junction at 9 o'clock, 100mm dia</div><div>General photograph taken at this point</div><div>Junction at 9 o'clock, 100mm dia</div><div>Junction at 3 o'clock, 100mm dia</div><div>General photograph taken at this point</div><div>Settled deposits, other, 30% cross-sectional area loss: Foul</div><div>Line deviates up: Marginal</div><div>Finish node, other special chamber, reference: 14A</div></div><div><div>00:00:00</div><div></div><div>00:01:11</div><div>00:01:11</div><div>00:01:27</div><div>00:01:48</div><div>00:01:48</div><div>00:01:53</div><div>00:01:57</div><div>00:01:57</div></div><div><div></div><div></div><div></div><div>14AX_U_09022026_1436_031.</div><div></div><div></div><div>14AX_U_09022026_1436_032.</div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div></div></div>									
<div><div><div>Construction Features</div><div>Structural Defects</div></div><div><div>Miscellaneous Features</div><div>Service & Operational Observations</div></div></div>									
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	1	5.0	0.3	5.0	4.0

Section Pictures - 09/02/2026 - 14AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
23	Upstream	14AX		



14AX_U_09022026_1436_031.jpg, 00:01:11, 12.30 m
General photograph taken at this point



14AX_U_09022026_1436_032.jpg, 00:01:48, 18.34 m
General photograph taken at this point

Section Inspection - 09/02/2026 - MH14X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
24	1	09/02/26	14:39	Not Specified	Rain	No	MH14X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH14
Road:	Langstone Technology Park	Inspected Length:	13.72 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	13.72 m	Downstream Node:	MH15
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:119	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH14</div> <div>MH15</div> <div>Depth: m</div> </div>							
		0.00	MH	Start node, manhole, reference: MH14	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		3.43	GP	General photograph taken at this point	00:00:23	MH14X_D_09022026_1439_0	
		12.42	JN	Junction at 10 o'clock, 100mm dia	00:01:19		
		13.49	LR	Line deviates right: Marginal	00:01:26		
		13.72	MHF	Finish node, manhole, reference: MH15	00:01:30		

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

Section Pictures - 09/02/2026 - MH14X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
24	Downstream	MH14X		



MH14X_D_09022026_1439_033.jpg, 00:00:23, 3.43 m
General photograph taken at this point

Item No. 25	Insp. No. 1	Date 09/02/26	Time 14:41	Client`s Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH15X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH15
Road:	Langstone Tecnology Park	Inspected Length:	5.20 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.20 m	Downstream Node:	MH16
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
	0.00	MH	Start node, manhole, reference: MH15	00:00:00			
	0.00	WL	Water level, 5% of the vertical dimension				
	0.00	LR	Line deviates right: Marginal	00:00:03			
	4.37	GP	General photograph taken at this point	00:00:27	MH15X_D _0902202 6_1441_0		
	5.08	REM	General remark: Non return valve fitted	00:00:33			
	5.20	MHF	Finish node, manhole, reference: MH16	00:00:36			

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

Section Pictures - 09/02/2026 - MH15X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Downstream	MH15X		



MH15X_D_09022026_1441_097.jpg, 00:00:27, 4.37 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH18X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
26	1	10/02/26	8:24	Not Specified	Rain	No	MH18X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH18
Road:	Langstone Tecnology Park	Inspected Length:	5.79 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.79 m	Downstream Node:	MH17
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:51	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH17</div> <div>0.00</div> <div>0.00</div> <div>3.51</div> <div>5.79</div> <div>MH18</div> <div>Depth: m</div> </div>							
		0.00	MH	Start node, manhole, reference: MH17	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		3.51	GP	General photograph taken at this point	00:00:33	MH18X_U_1002202_6_0824_0	
		5.79	MHF	Finish node, manhole, reference: MH18	00:00:51		

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

Section Pictures - 10/02/2026 - MH18X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
26	Upstream	MH18X		



MH18X_U_10022026_0824_034.jpg, 00:00:33, 3.51 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH19X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
27	1	10/02/26	8:31	Not Specified	Rain	No	MH19X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

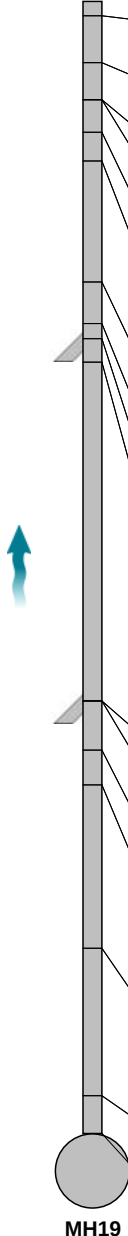
Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH19
Road:	Langstone Tecnology Park	Inspected Length:	43.65 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	43.65 m	Downstream Node:	MH18
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	Cured in place lining		
Inspection Purpose:		Lining Material:	Epoxy		

Comments:
Recommendations:

Scale: 1:165	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH18						
	0.00	MH	Start node, manhole, reference: MH18	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension			
	1.43	LXSS	Defective lining, separated seam cover at 4 o'clock	00:00:22		
	4.21	LXWL	Defective lining, wrinkled (longitudinal) at 2 o'clock	00:00:48	MH19X_U _1002202 6_0831_0	
	5.95	LXSS	Defective lining, separated seam cover at 4 o'clock	00:01:03		
	7.74	CN	Connection other than junction at 2 o'clock, 100mm dia	00:01:18		
	7.74	LXSS	Defective lining, separated seam cover at 4 o'clock	00:01:18		
	9.50	LXWL	Defective lining, wrinkled (longitudinal) at 3 o'clock	00:01:32		
	12.96	LXSS	Defective lining, separated seam cover at 4 o'clock	00:02:05		
	14.20	CN	Connection other than junction at 2 o'clock, 100mm dia	00:02:15		
	14.88	LXSS	Defective lining, separated seam cover at 4 o'clock	00:02:20	MH19X_U _1002202 6_0831_0	
	15.58	LXWL	Defective lining, wrinkled (longitudinal) at 1 o'clock	00:02:25		
	16.69	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:02:34	MH19X_U _1002202 6_0831_1	
	17.48	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock	00:02:41		
	18.63	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock	00:02:52		

Section Inspection - 10/02/2026 - MH19X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
27	1	10/02/26	8:31	Not Specified	Rain	No	MH19X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:165	Position [m]	Code	Observation	MPEG	Photo	Grade
		19.26	LXSS	Defective lining, separated seam cover at 4 o'clock	00:02:55	MH19X_U_1002202_6_0831_1	
		20.29	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock	00:03:02		
		21.10	LXSS	Defective lining, separated seam cover at 4 o'clock	00:03:07		
		21.10	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:03:07		
		21.80	LXWC	Defective lining, wrinkled (circumferential) from 4 o'clock to 6 o'clock	00:03:12		
		22.43	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:03:17		
		25.08	LXWL	Defective lining, wrinkled (longitudinal) at 4 o'clock	00:03:34	MH19X_U_1002202_6_0831_1	
		25.98	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:03:40		
		26.32	CN	Connection other than junction at 2 o'clock, 150mm dia	00:03:42		
		26.83	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:03:46		
		34.22	CN	Connection other than junction at 2 o'clock, 100mm dia	00:04:36		
		34.22	GP	General photograph taken at this point	00:04:36	MH19X_U_1002202_6_0831_1	
		35.28	LXSS	Defective lining, separated seam cover at 3 o'clock	00:04:42		
		36.05	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:04:48		
		39.61	LXWL	Defective lining, wrinkled (longitudinal) at 5 o'clock	00:05:11		
		42.83	LXWL	Defective lining, wrinkled (longitudinal) at 6 o'clock	00:05:33		
		43.65	MHF	Finish node, manhole, reference: MH19	00:05:40		
Depth: m							

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

Section Pictures - 10/02/2026 - MH19X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
27	Upstream	MH19X		



MH19X_U_10022026_0831_098.jpg, 00:00:48, 4.21 m
Defective lining, wrinkled (longitudinal) at 2 o'clock



MH19X_U_10022026_0831_099.jpg, 00:02:20, 14.88 m
Defective lining, separated seam cover at 4 o'clock



MH19X_U_10022026_0831_100.jpg, 00:02:34, 16.69 m
Defective lining, wrinkled (longitudinal) at 5 o'clock



MH19X_U_10022026_0831_101.jpg, 00:02:55, 19.26 m
Defective lining, separated seam cover at 4 o'clock

Section Pictures - 10/02/2026 - MH19X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
27	Upstream	MH19X		



MH19X_U_10022026_0831_102.jpg, 00:03:34, 25.08 m
Defective lining, wrinkled (longitudinal) at 4 o'clock



MH19X_U_10022026_0831_103.jpg, 00:04:36, 34.22 m
General photograph taken at this point

Item No. 28	Insp. No. 1	Date 10/02/26	Time 8:44	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH17X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH17
Road:	Langstone Tecnology Park	Inspected Length:	57.82 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	57.82 m	Downstream Node:	MH20
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Recommendations:

Scale:	1:501	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																											
<div><div><div>Depth: m</div><div>MH17</div></div><table><tr><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>MH</td><td>Start node, manhole, reference: MH17</td><td>00:00:00</td><td></td><td></td></tr><tr><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>SRV</td><td>Surface damage, visible reinforcement at 10 o'clock</td><td>00:01:03</td><td></td><td>4</td></tr><tr><td>CXI</td><td>Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%</td><td>00:01:03</td><td>MH17X_D_1002202_6_0844_0</td><td>3</td></tr><tr><td>SRV</td><td>Surface damage, visible reinforcement from 12 o'clock to 1 o'clock</td><td>00:01:46</td><td></td><td>4</td></tr><tr><td>CXI</td><td>Connection defective, connecting pipe is intruding at 1 o'clock, 100mm dia, intrusion: 10%: Live</td><td>00:01:46</td><td>MH17X_D_1002202_6_0844_0</td><td>3</td></tr><tr><td>DER</td><td>Settled deposits, coarse, 5% cross-sectional area loss</td><td>00:02:20</td><td></td><td>3</td></tr><tr><td>SRV</td><td>Surface damage, visible reinforcement from 9 o'clock to 1 o'clock</td><td>00:03:17</td><td></td><td>4</td></tr><tr><td>CXI</td><td>Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%</td><td>00:03:17</td><td>MH17X_D_1002202_6_0844_0</td><td>3</td></tr><tr><td>CL</td><td>Crack, longitudinal at 12 o'clock</td><td>00:03:23</td><td></td><td>2 / 2</td></tr><tr><td>CL</td><td>Crack, longitudinal at 12 o'clock</td><td>00:03:48</td><td></td><td>2 / 2</td></tr><tr><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:05:36</td><td></td><td></td></tr><tr><td>RPL</td><td>Point repair, localised lining from 12 o'clock to 12 o'clock</td><td>00:05:36</td><td>MH17X_D_1002202_6_0844_0</td><td></td></tr><tr><td>MHF</td><td>Finish node, manhole, reference: MH20</td><td>00:05:59</td><td></td><td></td></tr></table></div>								Code	Observation	MPEG	Photo	Grade	MH	Start node, manhole, reference: MH17	00:00:00			WL	Water level, 5% of the vertical dimension				SRV	Surface damage, visible reinforcement at 10 o'clock	00:01:03		4	CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%	00:01:03	MH17X_D_1002202_6_0844_0	3	SRV	Surface damage, visible reinforcement from 12 o'clock to 1 o'clock	00:01:46		4	CXI	Connection defective, connecting pipe is intruding at 1 o'clock, 100mm dia, intrusion: 10%: Live	00:01:46	MH17X_D_1002202_6_0844_0	3	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:02:20		3	SRV	Surface damage, visible reinforcement from 9 o'clock to 1 o'clock	00:03:17		4	CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%	00:03:17	MH17X_D_1002202_6_0844_0	3	CL	Crack, longitudinal at 12 o'clock	00:03:23		2 / 2	CL	Crack, longitudinal at 12 o'clock	00:03:48		2 / 2	WL	Water level, 10% of the vertical dimension	00:05:36			RPL	Point repair, localised lining from 12 o'clock to 12 o'clock	00:05:36	MH17X_D_1002202_6_0844_0		MHF	Finish node, manhole, reference: MH20	00:05:59		
Code	Observation	MPEG	Photo	Grade																																																																														
MH	Start node, manhole, reference: MH17	00:00:00																																																																																
WL	Water level, 5% of the vertical dimension																																																																																	
SRV	Surface damage, visible reinforcement at 10 o'clock	00:01:03		4																																																																														
CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%	00:01:03	MH17X_D_1002202_6_0844_0	3																																																																														
SRV	Surface damage, visible reinforcement from 12 o'clock to 1 o'clock	00:01:46		4																																																																														
CXI	Connection defective, connecting pipe is intruding at 1 o'clock, 100mm dia, intrusion: 10%: Live	00:01:46	MH17X_D_1002202_6_0844_0	3																																																																														
DER	Settled deposits, coarse, 5% cross-sectional area loss	00:02:20		3																																																																														
SRV	Surface damage, visible reinforcement from 9 o'clock to 1 o'clock	00:03:17		4																																																																														
CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%	00:03:17	MH17X_D_1002202_6_0844_0	3																																																																														
CL	Crack, longitudinal at 12 o'clock	00:03:23		2 / 2																																																																														
CL	Crack, longitudinal at 12 o'clock	00:03:48		2 / 2																																																																														
WL	Water level, 10% of the vertical dimension	00:05:36																																																																																
RPL	Point repair, localised lining from 12 o'clock to 12 o'clock	00:05:36	MH17X_D_1002202_6_0844_0																																																																															
MHF	Finish node, manhole, reference: MH20	00:05:59																																																																																

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
5	80.0	4.5	260.0	4.0	6	2.0	0.2	10.0	3.0

Section Pictures - 10/02/2026 - MH17X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
28	Downstream	MH17X		



MH17X_D_10022026_0844_035.jpg, 00:01:03, 7.85 m
Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%



MH17X_D_10022026_0844_036.jpg, 00:01:46, 15.28 m
Connection defective, connecting pipe is intruding at 1 o'clock, 100mm dia, intrusion: 10%, Live



MH17X_D_10022026_0844_037.jpg, 00:03:17, 31.18 m
Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%



MH17X_D_10022026_0844_038.jpg, 00:05:36, 55.50 m
Point repair, localised lining from 12 o'clock to 12 o'clock

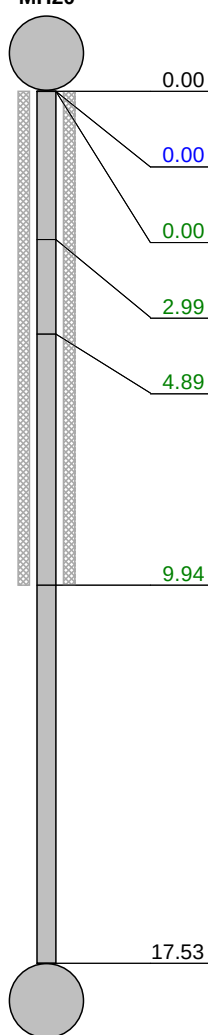
Section Inspection - 10/02/2026 - MH20X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
29	1	10/02/26	9:01	Not Specified	Rain	No	MH20X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH20
Road:	Langstone Tecnology Park	Inspected Length:	17.53 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	17.53 m	Downstream Node:	MH21
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	Cured in place lining		
Inspection Purpose:		Lining Material:	Epoxy		

Comments:

Recommendations:

Scale:	1:152	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>MH20</div><div>0.00</div><div>0.00</div><div>0.00</div><div>2.99</div><div>4.89</div><div>9.94</div><div>17.53</div></div><div><div>MH</div><div>WL</div><div>S01</div><div>DER</div><div>DER</div><div>F01</div><div>MHF</div></div><div><div>Start node, manhole, reference: MH20</div><div>Water level, 10% of the vertical dimension</div><div>Settled deposits, fine, 10% cross-sectional area loss, start</div><div>Settled deposits, coarse, 10% cross-sectional area loss</div><div>Settled deposits, coarse, 5% cross-sectional area loss</div><div>Settled deposits, fine, 10% cross-sectional area loss, finish</div><div>Finish node, manhole, reference: MH21</div></div><div><div>00:00:00</div><div></div><div>00:00:09</div><div>00:00:27</div><div>00:00:44</div><div>00:01:26</div><div>00:02:24</div></div><div><div></div><div></div><div></div><div>3</div><div>3</div><div>3</div><div></div></div></div>							

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	3	4.0	1.4	24.0	3.0

Section Pictures - 10/02/2026 - MH21X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
30	Downstream	MH21X		



MH21X_D_10022026_0908_039.jpg, 00:03:11, 24.78 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH22X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
31	1	10/02/26	9:21	Not Specified	Rain	No	MH22X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

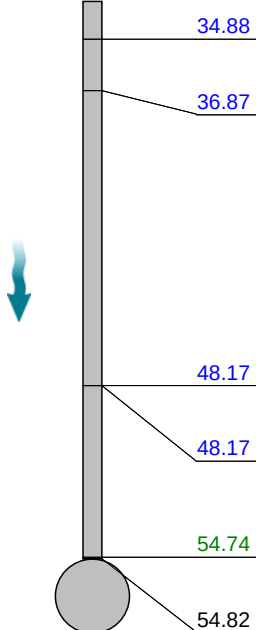
Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH22
Road:	Langstone Technology Park	Inspected Length:	54.82 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	54.82 m	Downstream Node:	MH23
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:290	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH22							
0.00		MH	Start node, manhole, reference: MH22	00:00:00			
0.00		WL	Water level, 10% of the vertical dimension				
0.65		DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss	00:00:11			3
1.66		S01	DER	Settled deposits, coarse, 15% cross-sectional area loss, start	00:00:18		
6.11		SRV	Surface damage, visible reinforcement at 10 o'clock	00:00:53			4
6.11		CXI	Connection defective, connecting pipe is intruding at 10 o'clock, 100mm dia, intrusion: 10%: Live	00:00:53			3
7.16		F01	DER	Settled deposits, coarse, 15% cross-sectional area loss, finish	00:01:00		3
20.29		GP	General photograph taken at this point	00:02:29		MH22X_D_1002202_6_0921_1	
25.91		WL	Water level, 20% of the vertical dimension	00:03:06			
25.91		DER	Settled deposits, coarse, 5% cross-sectional area loss	00:03:06			3
28.77		DER	Settled deposits, coarse, 10% cross-sectional area loss	00:03:25			3
30.04		RPL	Point repair, localised lining from 12 o'clock to 12 o'clock	00:03:34			
30.48		LXD	Defective lining, detached from 8 o'clock to 10 o'clock	00:03:36			
30.48		CN	Connection other than junction at 10 o'clock, 10mm dia	00:03:36			
31.96		WL	Water level, 20% of the vertical dimension	00:03:46			

Section Inspection - 10/02/2026 - MH22X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
31	1	10/02/26	9:21	Not Specified	Rain	No	MH22X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:290	Position [m]	Code	Observation	MPEG	Photo	Grade
		34.88	CUW	Loss of vision, camera under water	00:04:03		
		36.87	WL	Water level, 20% of the vertical dimension	00:04:17		
		48.17	WL	Water level, 15% of the vertical dimension	00:05:34		
		48.17	GP	General photograph taken at this point	00:05:34	MH22X_D 1002202 6_0921_1	
		54.74	DER	Settled deposits, coarse, 20% cross-sectional area loss	00:06:17		4
		54.82	MHF	Finish node, manhole, reference: MH23	00:06:24		
		MH23 Depth: m					

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
1	80.0	1.5	80.0	4.0	6	5.0	0.5	25.0	4.0

Section Pictures - 10/02/2026 - MH22X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
31	Downstream	MH22X		



MH22X_D_10022026_0921_104.jpg, 00:02:29, 20.29 m
General photograph taken at this point



MH22X_D_10022026_0921_105.jpg, 00:05:34, 48.17 m
General photograph taken at this point

Section Pictures - 10/02/2026 - MH24X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
32	Upstream	MH24X		



MH24X_U_10022026_1007_040.jpg, 00:00:34, 4.00 m
General photograph taken at this point

Section Inspection - 10/02/2026 - MH23X

Item No. 33	Insp. No. 1	Date 10/02/26	Time 10:42	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH23X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

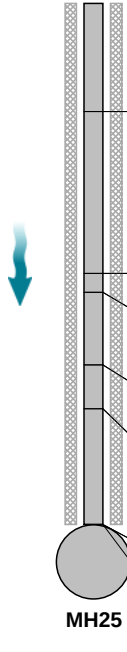
Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH23
Road:	Langstone Tecnology Park	Inspected Length:	45.54 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	45.54 m	Downstream Node:	MH25
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:247	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH23	0.00	MH	Start node, manhole, reference: MH23	00:00:00		
	0.00	WL	Water level, 20% of the vertical dimension			
	2.01	S01	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:00:20		
	6.18	F01	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:00:59		4
	6.18	GP	General photograph taken at this point	00:00:59	MH23X_D_10022026_1042_0	
	12.56	S02	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:01:45		
	16.25	F02	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:02:13		4
	19.62	S03	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:02:37		
	21.68	WL	Water level, 30% of the vertical dimension	00:02:52		
	22.82	CUW	Loss of vision, camera under water	00:03:00		
	23.29	WL	Water level, 35% of the vertical dimension	00:03:03		
	23.50	CN	Connection other than junction at 2 o'clock, 100mm dia: Estimated distance due to high water	00:03:03		
	23.90	CUW	Loss of vision, camera under water	00:03:07		
	24.58	WL	Water level, 30% of the vertical dimension	00:03:12		
	24.97	WL	Water level, 20% of the vertical dimension	00:03:13		

Section Inspection - 10/02/2026 - MH23X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
33	1	10/02/26	10:42	Not Specified	Rain	No	MH23X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:247	Position [m]	Code	Observation	MPEG	Photo	Grade		
 <p>Depth: m</p>		32.04	CUW	Loss of vision, camera under water	00:04:22				
		37.33	WL	Water level, 30% of the vertical dimension	00:04:59				
		37.95	CUW	Loss of vision, camera under water	00:05:06				
		40.32	WL	Water level, 30% of the vertical dimension	00:05:22				
		41.75	CUW	Loss of vision, camera under water	00:05:34				
		45.54	F03	DER	Settled deposits, coarse, 20% cross-sectional area loss, finish	00:06:03		4	
		45.54	MHF	Finish node, manhole, reference: MH25	00:06:03				
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	3	5.0	3.8	175.0	4.0

Section Pictures - 10/02/2026 - MH23X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
33	Downstream	MH23X		



MH23X_D_10022026_1042_041.jpg, 00:00:59, 6.18 m
General photograph taken at this point

Section Inspection - 10/02/2026 - MH26X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
34	1	10/02/26	10:50	Not Specified	Rain	No	MH26X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH26
Road:	Langstone Technology Park	Inspected Length:	13.15 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	13.15 m	Downstream Node:	MH23
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:114	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH23</div> <div>0.00</div> <div>0.00</div> <div>1.57</div> <div>1.57</div> <div>4.40</div> <div>6.02</div> <div>9.01</div> <div>12.93</div> <div>12.93</div> <div>13.15</div> <div>Depth: m</div> <div>MH26</div> </div> <div> <div>0.00</div> <div>0.00</div> <div>1.57</div> <div>1.57</div> <div>4.40</div> <div>6.02</div> <div>9.01</div> <div>12.93</div> <div>12.93</div> <div>13.15</div> </div> <div> <div>MH</div> <div>WL</div> <div>DEC</div> <div>GP</div> <div>WL</div> <div>DER</div> <div>DER</div> <div>DER</div> <div>REM</div> <div>OCF</div> </div> <div> <div>Start node, manhole, reference: MH23</div> <div>Water level, 5% of the vertical dimension</div> <div>Settled deposits, hard or compacted, 10% cross-sectional area loss</div> <div>General photograph taken at this point</div> <div>Water level, 15% of the vertical dimension</div> <div>Settled deposits, coarse, 5% cross-sectional area loss</div> <div>Settled deposits, coarse, 5% cross-sectional area loss</div> <div>Settled deposits, coarse, 80% cross-sectional area loss</div> <div>General remark: Pipe runs to ground</div> <div>Finish node, other special chamber, reference: MH26: Pipe runs to ground</div> </div> <div> <div>00:00:00</div> <div></div> <div>00:00:11</div> <div>00:00:11</div> <div>00:00:32</div> <div>00:00:40</div> <div>00:00:54</div> <div>00:01:12</div> <div>00:01:12</div> <div>00:01:20</div> </div> <div> <div></div> <div></div> <div></div> <div>MH26X_U_10022026_1050_0</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>MH26X_U_10022026_1050_0</div> </div> <div> <div></div> <div></div> <div>3</div> <div></div> <div></div> <div>3</div> <div></div> <div>5</div> <div></div> <div></div> </div> </div>							

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	4	10.0	1.2	16.0	5.0

Section Pictures - 10/02/2026 - MH26X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
34	Upstream	MH26X		



MH26X_U_10022026_1050_042.jpg, 00:00:11, 1.57 m
General photograph taken at this point



MH26X_U_10022026_1050_043.jpg, 00:01:20, 13.15 m
Finish node, other special chamber, reference: MH26, Pipe runs to ground

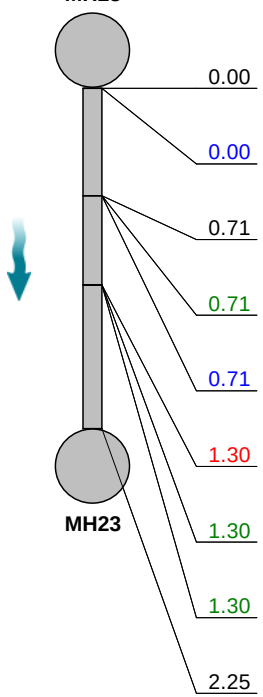
Section Inspection - 10/02/2026 - MH28X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
35	1	10/02/26	11:03	Not Specified	Rain	No	MH28X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH28
Road:	Langstone Technology Park	Inspected Length:	2.25 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	2.25 m	Downstream Node:	MH23
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH28</div> <div>  </div> <div>Depth: m</div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH28	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.71	MCVC	Pipe material changes to vitrified clay at this point	00:00:07		
		0.71	LD	Line deviates down: Severe	00:00:07		
		0.71	GP	General photograph taken at this point	00:00:07	MH28X_D 1002202 6_1103_0	
		1.30	CCJ	Crack, circumferential at joint from 2 o'clock to 5 o'clock	00:00:13		2 / 2
		1.30	LL	Line deviates left: Marginal	00:00:13		
		1.30	DER	Settled deposits, coarse, 20% cross-sectional area loss	00:00:13		4
		2.25	MHF	Finish node, manhole, reference: MH23	00:00:34		

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
1	10.0	4.4	10.0	2.0	2	6.0	2.7	6.0	4.0

Section Pictures - 10/02/2026 - MH28X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
35	Downstream	MH28X		



MH28X_D_10022026_1103_044.jpg, 00:00:07, 0.71 m
General photograph taken at this point

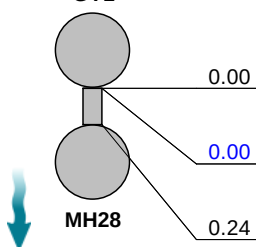
Section Inspection - 10/02/2026 - GY1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
36	1	10/02/26	11:04	Not Specified	Rain	No	GY1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	GY1
Road:	Langstone Technology Park	Inspected Length:	0.24 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	0.24 m	Downstream Node:	MH28
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>GY1</div> <div>  </div> <div>Depth: m</div> </div>							
		0.00	GY	Start node, gully, reference: GY1	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.24	MHF	Finish node, manhole, reference: MH28	00:00:05	GY1X_D_10022026_1104_04	

Construction Features

Structural Defects

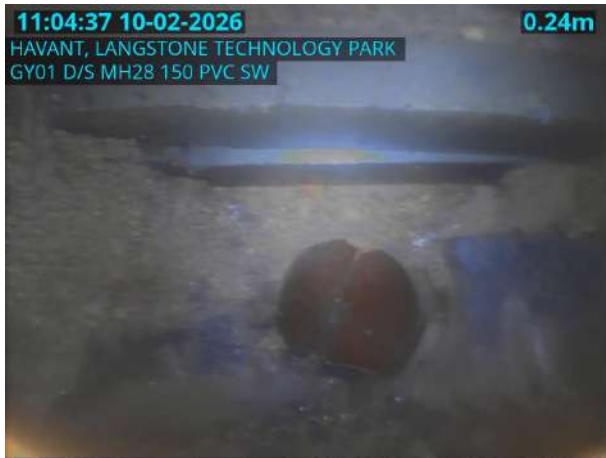
Miscellaneous Features

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

Section Pictures - 10/02/2026 - GY1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
36	Downstream	GY1X		



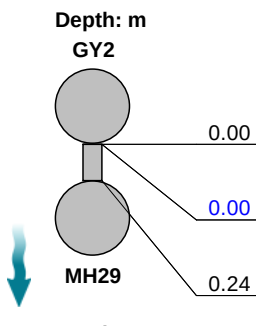
GY1X_D_10022026_1104_045.jpg, 00:00:05, 0.24 m
Finish node, manhole, reference: MH28

Section Inspection - 10/02/2026 - GY2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
37	1	10/02/26	11:30	Not Specified	Rain	No	GY2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	GY2
Road:	Langstone Technology Park	Inspected Length:	0.24 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	0.24 m	Downstream Node:	MH29
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	GY	Start node, gully, reference: GY2	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.24	MHF	Finish node, manhole, reference: MH29	00:00:07	GY2X_D_10022026_1130_04	

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

Section Pictures - 10/02/2026 - GY2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
37	Downstream	GY2X		



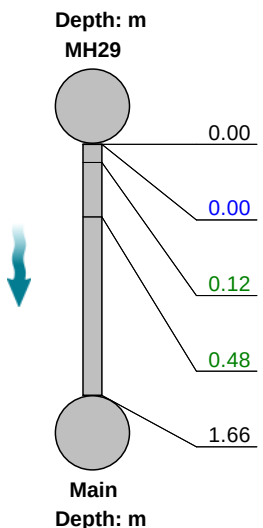
GY2X_D_10022026_1130_046.jpg, 00:00:07, 0.24 m
Finish node, manhole, reference: MH29

Section Inspection - 10/02/2026 - MH29X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
38	1	10/02/26	11:31	Not Specified	Rain	No	MH29X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH29
Road:	Langstone Technology Park	Inspected Length:	1.66 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.66 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH29	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.12	LD	Line deviates down: Severe	00:00:02		
		0.48	LR	Line deviates right: Severe	00:00:04		
		1.66	BRF	Finish node, major connection without manhole, reference: Main	00:00:14	MH29X_D 1002202 6_1131_0	

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

Section Pictures - 10/02/2026 - MH29X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
38	Downstream	MH29X		



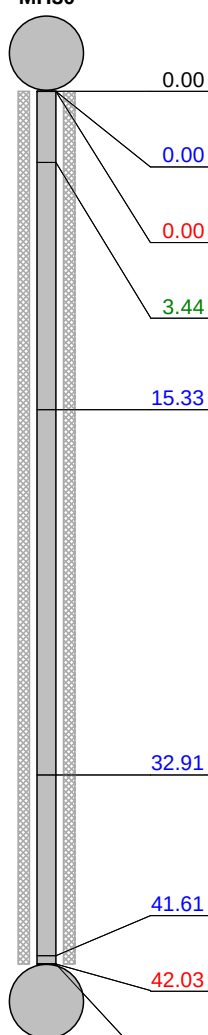
MH29X_D_10022026_1131_047.jpg, 00:00:14, 1.66 m
 Finish node, major connection without manhole, reference:
 Main

Section Inspection - 10/02/2026 - MH10X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
39	1	10/02/26	11:55	Not Specified	Rain	No	MH10X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH10
Road:	Langstone Technology Park	Inspected Length:	42.03 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	42.03 m	Downstream Node:	MH30
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:364	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>MH30</div><div></div><div>0.00</div><div>0.00</div><div>0.00</div><div>3.44</div><div>15.33</div><div>32.91</div><div>41.61</div><div>42.03</div><div>42.03</div><div>Depth: m</div><div>MH10</div></div><div><div></div><div>WL</div><div>S01</div><div></div><div></div><div></div><div></div><div>F01</div><div></div></div><div><div>MH</div><div></div><div>SCP</div><div>DES</div><div>GP</div><div>GP</div><div>REM</div><div>SCP</div><div>MHF</div></div><div><div>Start node, manhole, reference: MH30</div><div>Water level, 10% of the vertical dimension</div><div>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</div><div>Settled deposits, fine, 5% cross-sectional area loss</div><div>General photograph taken at this point</div><div>General photograph taken at this point</div><div>General remark: Heavy infiltrator from MH</div><div>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</div><div>Finish node, manhole, reference: MH10</div></div><div><div>00:00:00</div><div></div><div>00:00:03</div><div>00:00:41</div><div>00:02:34</div><div>00:04:26</div><div>00:05:22</div><div>00:05:26</div><div>00:05:26</div></div><div><div></div><div></div><div></div><div></div><div>MH10X_U_1002202_6_1155_0</div><div>MH10X_U_1002202_6_1155_0</div><div>MH10X_U_1002202_6_1155_0</div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div>							

Construction Features
Structural Defects
Miscellaneous Features
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
1	5.0	5.1	215.0	1.0	1	2.0	0.0	2.0	3.0

Section Pictures - 10/02/2026 - MH10X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
39	Upstream	MH10X		



MH10X_U_10022026_1155_048.jpg, 00:02:34, 15.33 m
General photograph taken at this point



MH10X_U_10022026_1155_049.jpg, 00:04:26, 32.91 m
General photograph taken at this point



MH10X_U_10022026_1155_050.jpg, 00:05:22, 41.61 m
General remark, Heavy infiltraton from MH

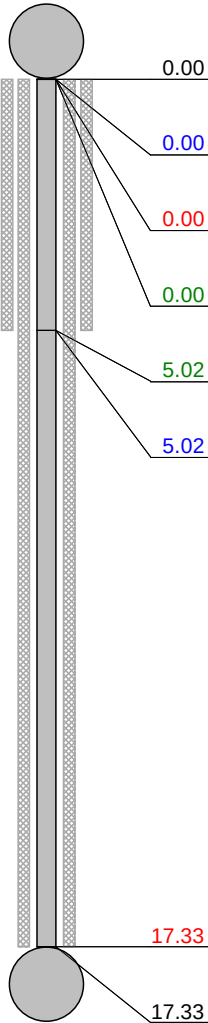
Section Inspection - 10/02/2026 - MH30X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
40	1	10/02/26	12:01	Not Specified	Rain	No	MH30X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH30
Road:	Langstone Technology Park	Inspected Length:	17.33 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	17.33 m	Downstream Node:	MH25
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:151	Position [m]	Code	Observation	MPEG	Photo	Grade																																																						
<div><div><div>Depth: m</div><div>MH30</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH30</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:08</td><td></td><td></td></tr><tr><td>0.00</td><td>S02</td><td>DER Settled deposits, coarse, 5% cross-sectional area loss, start</td><td>00:00:08</td><td></td><td></td></tr><tr><td>5.02</td><td>F02</td><td>DER Settled deposits, coarse, 5% cross-sectional area loss, finish</td><td>00:00:35</td><td></td><td>3</td></tr><tr><td>5.02</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:35</td><td>MH30X_D_1002202_6_1201_1</td><td></td></tr><tr><td>17.33</td><td>F01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:01:38</td><td></td><td>1</td></tr><tr><td>17.33</td><td>MHF</td><td>Finish node, manhole, reference: MH25</td><td>00:01:38</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH30	00:00:00			0.00	WL	Water level, 10% of the vertical dimension				0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:08			0.00	S02	DER Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:08			5.02	F02	DER Settled deposits, coarse, 5% cross-sectional area loss, finish	00:00:35		3	5.02	GP	General photograph taken at this point	00:00:35	MH30X_D_1002202_6_1201_1		17.33	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:38		1	17.33	MHF	Finish node, manhole, reference: MH25	00:01:38		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																								
0.00	MH	Start node, manhole, reference: MH30	00:00:00																																																										
0.00	WL	Water level, 10% of the vertical dimension																																																											
0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:08																																																										
0.00	S02	DER Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:08																																																										
5.02	F02	DER Settled deposits, coarse, 5% cross-sectional area loss, finish	00:00:35		3																																																								
5.02	GP	General photograph taken at this point	00:00:35	MH30X_D_1002202_6_1201_1																																																									
17.33	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:38		1																																																								
17.33	MHF	Finish node, manhole, reference: MH25	00:01:38																																																										

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
1	5.0	5.2	90.0	1.0	1	2.0	0.7	12.0	3.0

Section Pictures - 10/02/2026 - MH30X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
40	Downstream	MH30X		



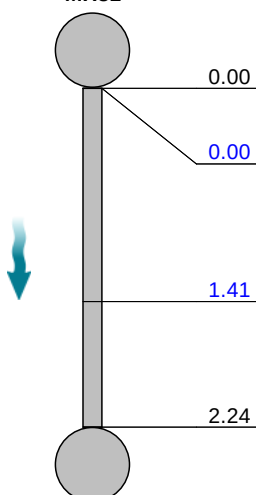
MH30X_D_10022026_1201_106.jpg, 00:00:35, 5.02 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH31X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
41	1	10/02/26	13:20	Not Specified	Rain	No	MH31X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH31
Road:	Langstone Technology Park	Inspected Length:	2.24 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	2.24 m	Downstream Node:	MH32
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH31</div> <div>  </div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH31	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		1.41	GP	General photograph taken at this point	00:00:19	MH31X_D_10022026_1320_0	
		2.24	MHF	Finish node, manhole, reference: MH32	00:00:27		

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

Section Pictures - 10/02/2026 - MH31X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
41	Downstream	MH31X		



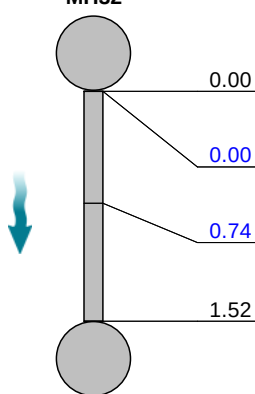
MH31X_D_10022026_1320_051.jpg, 00:00:19, 1.41 m
General photograph taken at this point

Section Inspection - 10/02/2026 - MH32X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
42	1	10/02/26	13:20	Not Specified	Rain	No	MH32X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH32
Road:	Langstone Technology Park	Inspected Length:	1.52 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.52 m	Downstream Node:	MH19
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	Cured in place lining		
Inspection Purpose:		Lining Material:	Epoxy		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
<div><div><div>Depth: m</div><div>MH32</div></div><table><tr><td>MH</td><td>Start node, manhole, reference: MH32</td><td>00:00:00</td><td></td></tr><tr><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td></tr><tr><td>GP</td><td>General photograph taken at this point</td><td>00:00:11</td><td>MH32X_D_10022026_1320_0</td></tr><tr><td>MHF</td><td>Finish node, manhole, reference: MH19</td><td>00:00:17</td><td></td></tr></table></div>								MH	Start node, manhole, reference: MH32	00:00:00		WL	Water level, 5% of the vertical dimension			GP	General photograph taken at this point	00:00:11	MH32X_D_10022026_1320_0	MHF	Finish node, manhole, reference: MH19	00:00:17	
MH	Start node, manhole, reference: MH32	00:00:00																					
WL	Water level, 5% of the vertical dimension																						
GP	General photograph taken at this point	00:00:11	MH32X_D_10022026_1320_0																				
MHF	Finish node, manhole, reference: MH19	00:00:17																					

Construction Features
Structural Defects
Miscellaneous Features
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

Section Pictures - 10/02/2026 - MH32X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
42	Downstream	MH32X		



MH32X_D_10022026_1320_052.jpg, 00:00:11, 0.74 m
General photograph taken at this point

Section Inspection - 10/02/2026 - MH33X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
43	1	10/02/26	13:26	Not Specified	Rain	No	MH33X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH33
Road:	Langstone Technology Park	Inspected Length:	24.61 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	24.61 m	Downstream Node:	MH31
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:214	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH31</div> <div>0.00</div> <div>0.00</div> <div>13.64</div> <div>13.64</div> <div>19.83</div> <div>24.18</div> <div>24.61</div> <div>24.61</div> <div>MH33</div> <div>Depth: m</div> </div> <div> <div>MH</div> <div>WL</div> <div>OJM</div> <div>GP</div> <div>S01</div> <div>DER</div> <div>F01</div> <div>MHF</div> </div> <div> <div>Start node, manhole, reference: MH31</div> <div>Water level, 5% of the vertical dimension</div> <div>Open joint, medium</div> <div>General photograph taken at this point</div> <div>Settled deposits, fine, 5% cross-sectional area loss, start</div> <div>Settled deposits, coarse, 20% cross-sectional area loss</div> <div>Settled deposits, fine, 5% cross-sectional area loss, finish</div> <div>Finish node, manhole, reference: MH33</div> </div> <div> <div>00:00:00</div> <div></div> <div>00:01:22</div> <div>00:01:22</div> <div>00:01:56</div> <div>00:02:20</div> <div>00:02:26</div> <div>00:02:26</div> </div> <div> <div></div> <div></div> <div>1</div> <div>MH33X_U_1002202_6_1326_0</div> <div></div> <div>4</div> <div>3</div> <div></div> </div> </div>							

Construction Features

Structural Defects

Miscellaneous Features

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
1	1.0	0.0	1.0	1.0	2	7.0	0.6	15.0	4.0

Section Pictures - 10/02/2026 - MH33X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
43	Upstream	MH33X		



MH33X_U_10022026_1326_053.jpg, 00:01:22, 13.64 m
 General photograph taken at this point

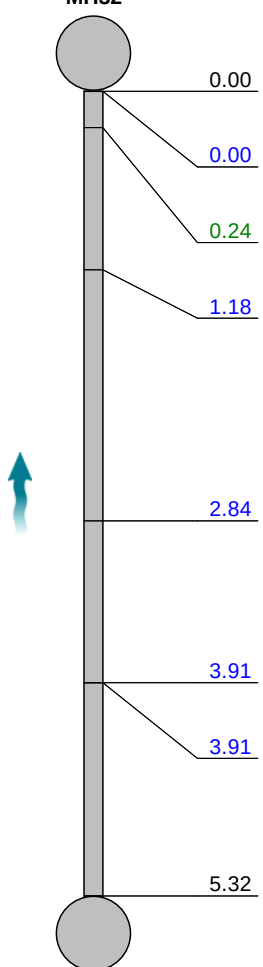
Section Inspection - 10/02/2026 - MH32AX

Item No. 44	Insp. No. 1	Date 10/02/26	Time 13:41	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH32AX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH32A
Road:	Langstone Technology Park	Inspected Length:	5.32 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.32 m	Downstream Node:	MH32
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div><div><div>Depth: m</div><div>MH32</div></div><div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH32</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.24</td><td>DES</td><td>Settled deposits, fine, 40% cross-sectional area loss</td><td>00:00:03</td><td></td><td>4</td></tr><tr><td>1.18</td><td>WL</td><td>Water level, 30% of the vertical dimension</td><td>00:00:11</td><td></td><td></td></tr><tr><td>2.84</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:00:20</td><td></td><td></td></tr><tr><td>3.91</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:25</td><td></td><td></td></tr><tr><td>3.91</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:25</td><td>MH32AX_U_100220_26_1341_</td><td></td></tr><tr><td>5.32</td><td>MHF</td><td>Finish node, manhole, reference: MH32A</td><td>00:00:33</td><td></td><td></td></tr></table><div><div>MH32A</div><div>Depth: m</div></div></div></div>								0.00	MH	Start node, manhole, reference: MH32	00:00:00			0.00	WL	Water level, 5% of the vertical dimension				0.24	DES	Settled deposits, fine, 40% cross-sectional area loss	00:00:03		4	1.18	WL	Water level, 30% of the vertical dimension	00:00:11			2.84	WL	Water level, 10% of the vertical dimension	00:00:20			3.91	WL	Water level, 5% of the vertical dimension	00:00:25			3.91	GP	General photograph taken at this point	00:00:25	MH32AX_U_100220_26_1341_		5.32	MHF	Finish node, manhole, reference: MH32A	00:00:33		
0.00	MH	Start node, manhole, reference: MH32	00:00:00																																																				
0.00	WL	Water level, 5% of the vertical dimension																																																					
0.24	DES	Settled deposits, fine, 40% cross-sectional area loss	00:00:03		4																																																		
1.18	WL	Water level, 30% of the vertical dimension	00:00:11																																																				
2.84	WL	Water level, 10% of the vertical dimension	00:00:20																																																				
3.91	WL	Water level, 5% of the vertical dimension	00:00:25																																																				
3.91	GP	General photograph taken at this point	00:00:25	MH32AX_U_100220_26_1341_																																																			
5.32	MHF	Finish node, manhole, reference: MH32A	00:00:33																																																				

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	1	5.0	0.9	5.0	4.0

Section Pictures - 10/02/2026 - MH32AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
44	Upstream	MH32AX		



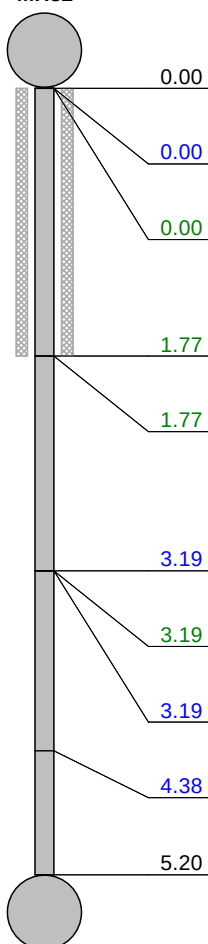
MH32AX_U_10022026_1341_054.jpg, 00:00:25, 3.91 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH32AY

Item No. 45	Insp. No. 1	Date 10/02/26	Time 13:44	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH32AY
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH32A
Road:	Langstone Technology Park	Inspected Length:	5.20 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.20 m	Downstream Node:	MH32
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

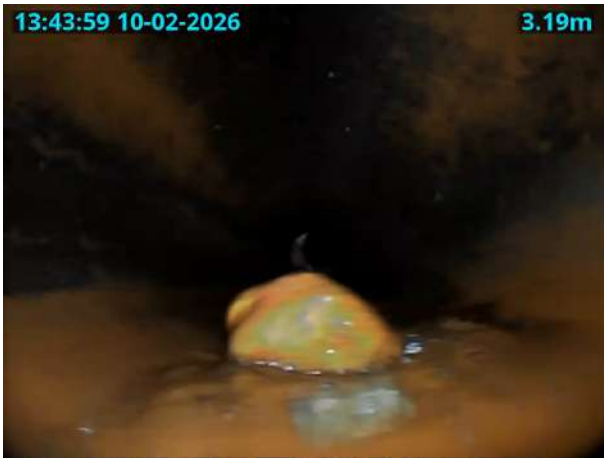
Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH32</div>  </div> </div>							
		0.00	MH	Start node, manhole, reference: MH32	00:00:00		
		0.00	WL	Water level, 30% of the vertical dimension			
		0.00	S01	DES	Settled deposits, fine, 30% cross-sectional area loss, start		
		1.77	F01	DES	Settled deposits, fine, 30% cross-sectional area loss, finish	00:00:12	4
		1.77	DER	Settled deposits, coarse, 30% cross-sectional area loss	00:00:12		4
		3.19	WL	Water level, 5% of the vertical dimension	00:00:20		
		3.19	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:20		3
		3.19	GP	General photograph taken at this point	00:00:20	MH32AY_U_100220_26_1344_	
		4.38	GP	General photograph taken at this point	00:00:25	MH32AY_U_100220_26_1344_	
		5.20	MHF	Finish node, manhole, reference: MH32A	00:00:30		

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	3	10.0	3.3	17.0	5.0

Section Pictures - 10/02/2026 - MH32AY

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
45	Upstream	MH32AY		



MH32AY_U_10022026_1344_055.jpg, 00:00:20, 3.19 m
General photograph taken at this point



MH32AY_U_10022026_1344_056.jpg, 00:00:25, 4.38 m
General photograph taken at this point

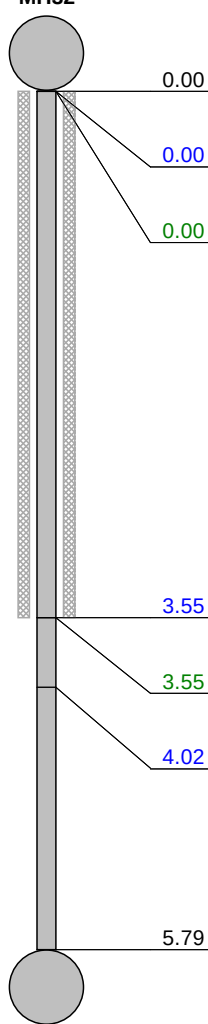
Section Inspection - 10/02/2026 - MH32AZ

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
46	1	10/02/26	13:45	Not Specified	Rain	No	MH32AZ
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH32A
Road:	Langstone Technology Park	Inspected Length:	5.79 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.79 m	Downstream Node:	MH32
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:51	Position [m]	Code	Observation	MPEG	Photo	Grade		
<div><div><div>Depth: m</div><div>MH32</div></div><div><div>0.00</div><div>MH</div><div>Start node, manhole, reference: MH32</div><div>00:00:00</div></div><div><div>0.00</div><div>WL</div><div>Water level, 45% of the vertical dimension</div></div><div><div>0.00</div><div>S01</div><div>DES</div><div>Settled deposits, fine, 45% cross-sectional area loss, start</div></div><div><div>3.55</div><div>WL</div><div>Water level, 5% of the vertical dimension</div><div>00:00:19</div></div><div><div>3.55</div><div>F01</div><div>DES</div><div>Settled deposits, fine, 45% cross-sectional area loss, finish</div><div>00:00:19</div></div><div><div>4.02</div><div>GP</div><div>General photograph taken at this point</div><div>00:00:22</div></div><div><div>5.79</div><div>MHF</div><div>Finish node, manhole, reference: MH32A</div><div>00:00:29</div></div><div><div>MH32A</div><div>Depth: m</div></div></div>									
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	1	5.0	3.5	20.0	4.0

Section Pictures - 10/02/2026 - MH32AZ

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
46	Upstream	MH32AZ		



MH32AZ_U_10022026_1345_107.jpg, 00:00:22, 4.02 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH34X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
47	1	10/02/26	14:04	Not Specified	Rain	No	MH34X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

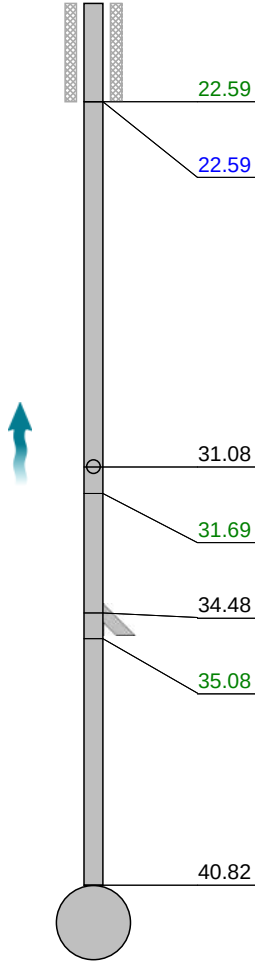
Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH34
Road:	Langstone Technology Park	Inspected Length:	40.82 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	40.82 m	Downstream Node:	MH32A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:176	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH32A							
		0.00	MH	Start node, manhole, reference: MH32A	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.20	CUW	Loss of vision, camera under water	00:00:08		
		1.07	WL	Water level, 20% of the vertical dimension	00:00:10		
		1.07	LR	Line deviates right: Marginal	00:00:10		
		1.54	DES	Settled deposits, fine, 30% cross-sectional area loss	00:00:14		4
		2.84	JN	Junction at 9 o'clock, 150mm dia	00:00:22		
		2.84	WL	Water level, 10% of the vertical dimension	00:00:22		
		3.44	JN	Junction at 12 o'clock, 100mm dia	00:00:27		
		7.10	GP	General photograph taken at this point	00:00:47	MH34X_U_1002202_6_1404_0	
		8.99	JDM	Joint displaced, medium	00:00:55		1 / 3
		11.12	S01 DES	Settled deposits, fine, 5% cross-sectional area loss, start	00:01:07		
		11.12	WL	Water level, 15% of the vertical dimension	00:01:07		
		17.98	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:01:38		3
		17.98	GP	General photograph taken at this point	00:01:38	MH34X_U_1002202_6_1404_0	

Section Inspection - 10/02/2026 - MH34X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
47	1	10/02/26	14:04	Not Specified	Rain	No	MH34X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:176	Position [m]	Code	Observation	MPEG	Photo	Grade		
 <p>MH34 Depth: m</p>	22.59	F01	DES	Settled deposits, fine, 5% cross-sectional area loss, finish	00:02:01		3		
	22.59		WL	Water level, 5% of the vertical dimension	00:02:01				
	31.08		JN	Junction at 12 o'clock, 100mm dia	00:02:40				
	31.69		LR	Line deviates right: Severe	00:02:47				
	34.48		JN	Junction at 10 o'clock, 100mm dia	00:03:01				
	35.08		DER	Settled deposits, coarse, 5% cross-sectional area loss	00:03:06		3		
	40.82		MHF	Finish node, manhole, reference: MH34	00:03:41				
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
1	1.0	0.0	1.0	1.0	5	5.0	0.9	35.0	4.0

Section Pictures - 10/02/2026 - MH34X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
47	Upstream	MH34X		



MH34X_U_10022026_1404_057.jpg, 00:00:47, 7.10 m
General photograph taken at this point



MH34X_U_10022026_1404_058.jpg, 00:01:38, 17.98 m
General photograph taken at this point

Section Pictures - 10/02/2026 - 35BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
48	Upstream	35BX		



35BX_U_10022026_1420_059.jpg, 00:00:24, 3.67 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - MH35X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
49	1	10/02/26	14:24	Not Specified	Rain	No	MH35X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH35
Road:	Langstone Technology Park	Inspected Length:	30.70 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	30.70 m	Downstream Node:	MH5
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

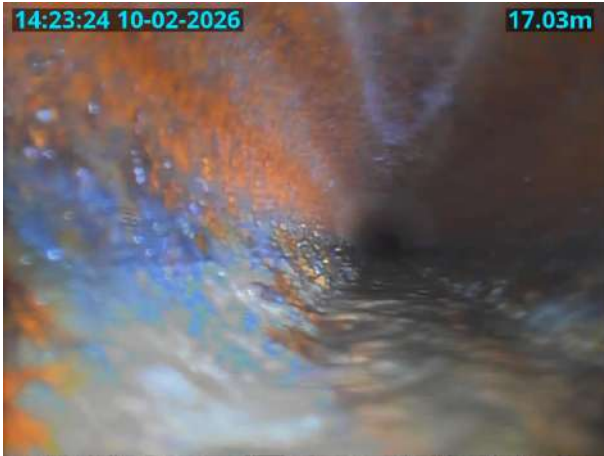
Scale:	1:266	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH35</div> <div> </div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH35	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension			
		0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:08		
		11.83	WL	Water level, 30% of the vertical dimension	00:01:14		
		12.07	CUW	Loss of vision, camera under water	00:01:15		
		15.02	WL	Water level, 20% of the vertical dimension	00:01:37		
		17.03	WL	Water level, 10% of the vertical dimension	00:01:49		
		17.03	GP	General photograph taken at this point	00:01:49	MH35X_D_1002202_6_1424_0	
		20.63	WL	Water level, 20% of the vertical dimension	00:02:09		
		25.00	WL	Water level, 10% of the vertical dimension	00:02:34		
		25.00	GP	General photograph taken at this point	00:02:34	MH35X_D_1002202_6_1424_0	
		30.70	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:03:07		1
		30.70	MH5	Finish node, manhole, reference: MH5	00:03:07		
		Depth: m					

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

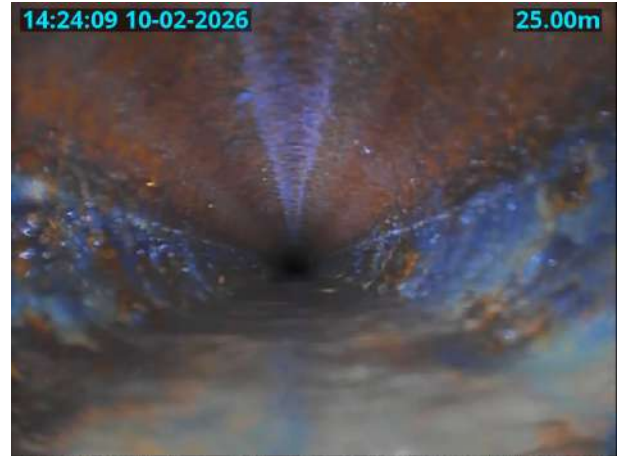
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	5.0	5.0	155.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/02/2026 - MH35X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
49	Downstream	MH35X		



MH35X_D_10022026_1424_060.jpg, 00:01:49, 17.03 m
General photograph taken at this point



MH35X_D_10022026_1424_061.jpg, 00:02:34, 25.00 m
General photograph taken at this point

Section Inspection - 10/02/2026 - MH36X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
50	1	10/02/26	14:27	Not Specified	Rain	No	MH36X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH36
Road:	Langstone Technology Park	Inspected Length:	4.85 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	4.85 m	Downstream Node:	MH35
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH35</div> </div> <div> <div>0.00</div> <div>0.00</div> <div>2.48</div> <div>4.85</div> </div> <div> <div>MH36</div> <div>Depth: m</div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH35	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		2.48	GP	General photograph taken at this point	00:00:14	MH36X_U_10022026_1427_0	
		4.85	MHF	Finish node, manhole, reference: MH36	00:00:34		

Construction Features

Structural Defects

Miscellaneous Features

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

Section Pictures - 10/02/2026 - MH36X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
50	Upstream	MH36X		



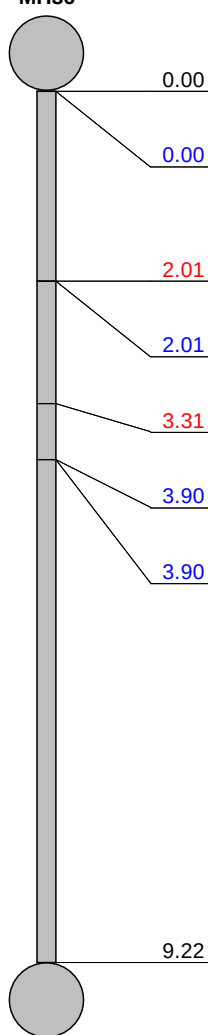
MH36X_U_10022026_1427_062.jpg, 00:00:14, 2.48 m
General photograph taken at this point

Section Inspection - 10/02/2026 - 36AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
51	1	10/02/26	14:35	Not Specified	Rain	No	36AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	36A
Road:	Langstone Tecnology Park	Inspected Length:	9.22 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	9.22 m	Downstream Node:	MH36
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:80	Position [m]	Code	Observation	MPEG	Photo	Grade																																																						
<div><div><div>Depth: m</div><div>MH36</div></div><div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH36</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>2.01</td><td>JDM</td><td>Joint displaced, medium</td><td>00:00:11</td><td></td><td>1 / 3</td></tr><tr><td>2.01</td><td>WL</td><td>Water level, 15% of the vertical dimension</td><td>00:00:11</td><td></td><td></td></tr><tr><td>3.31</td><td>JDM</td><td>Joint displaced, medium</td><td>00:00:17</td><td>36AX_U_1 0022026_ 1435_063.</td><td>1 / 3</td></tr><tr><td>3.90</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:20</td><td></td><td></td></tr><tr><td>3.90</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:20</td><td>36AX_U_1 0022026_ 1435_064.</td><td></td></tr><tr><td>9.22</td><td>MHF</td><td>Finish node, manhole, reference: 36A</td><td>00:00:41</td><td></td><td></td></tr></table></div></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH36	00:00:00			0.00	WL	Water level, 5% of the vertical dimension				2.01	JDM	Joint displaced, medium	00:00:11		1 / 3	2.01	WL	Water level, 15% of the vertical dimension	00:00:11			3.31	JDM	Joint displaced, medium	00:00:17	36AX_U_1 0022026_ 1435_063.	1 / 3	3.90	WL	Water level, 5% of the vertical dimension	00:00:20			3.90	GP	General photograph taken at this point	00:00:20	36AX_U_1 0022026_ 1435_064.		9.22	MHF	Finish node, manhole, reference: 36A	00:00:41		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																								
0.00	MH	Start node, manhole, reference: MH36	00:00:00																																																										
0.00	WL	Water level, 5% of the vertical dimension																																																											
2.01	JDM	Joint displaced, medium	00:00:11		1 / 3																																																								
2.01	WL	Water level, 15% of the vertical dimension	00:00:11																																																										
3.31	JDM	Joint displaced, medium	00:00:17	36AX_U_1 0022026_ 1435_063.	1 / 3																																																								
3.90	WL	Water level, 5% of the vertical dimension	00:00:20																																																										
3.90	GP	General photograph taken at this point	00:00:20	36AX_U_1 0022026_ 1435_064.																																																									
9.22	MHF	Finish node, manhole, reference: 36A	00:00:41																																																										
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	1.0	0.2	2.0	1.0	2	2.0	0.4	4.0	3.0																																																				

Section Pictures - 10/02/2026 - 36AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
51	Upstream	36AX		



36AX_U_10022026_1435_063.jpg, 00:00:17, 3.31 m
 Joint displaced, medium



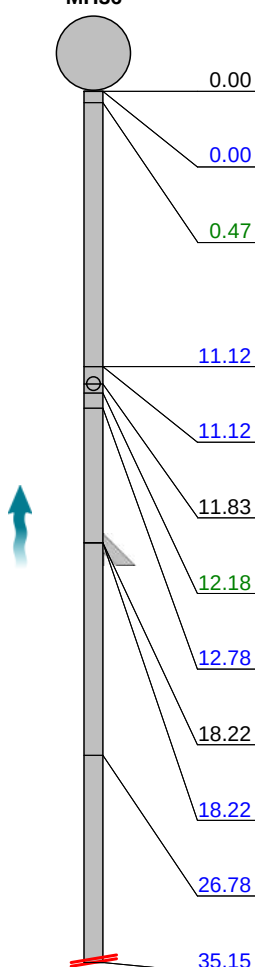
36AX_U_10022026_1435_064.jpg, 00:00:20, 3.90 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - 36BX

Item No. 52	Insp. No. 1	Date 10/02/26	Time 14:38	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR 36BX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	36B
Road:	Langstone Technology Park	Inspected Length:	35.15 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	35.15 m	Downstream Node:	MH36
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:305	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																														
<div><div><div>Depth: m</div><div>MH36</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH36</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.47</td><td>LL</td><td>Line deviates left: Severe</td><td>00:00:03</td><td></td><td></td></tr><tr><td>11.12</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:01:00</td><td></td><td></td></tr><tr><td>11.12</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:00</td><td>36BX_U_1 0022026_1438_108.</td><td></td></tr><tr><td>11.83</td><td>JN</td><td>Junction at 12 o'clock, 100mm dia</td><td>00:01:05</td><td></td><td></td></tr><tr><td>12.18</td><td>LR</td><td>Line deviates right: Severe</td><td>00:01:07</td><td></td><td></td></tr><tr><td>12.78</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:01:12</td><td></td><td></td></tr><tr><td>18.22</td><td>JN</td><td>Junction at 9 o'clock, 100mm dia</td><td>00:01:42</td><td></td><td></td></tr><tr><td>18.22</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:42</td><td>36BX_U_1 0022026_1438_109.</td><td></td></tr><tr><td>26.78</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:02:13</td><td></td><td></td></tr><tr><td>35.15</td><td>SA</td><td>Survey abandoned: Loss of traction</td><td>00:02:56</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH36	00:00:00			0.00	WL	Water level, 5% of the vertical dimension				0.47	LL	Line deviates left: Severe	00:00:03			11.12	WL	Water level, 10% of the vertical dimension	00:01:00			11.12	GP	General photograph taken at this point	00:01:00	36BX_U_1 0022026_1438_108.		11.83	JN	Junction at 12 o'clock, 100mm dia	00:01:05			12.18	LR	Line deviates right: Severe	00:01:07			12.78	WL	Water level, 5% of the vertical dimension	00:01:12			18.22	JN	Junction at 9 o'clock, 100mm dia	00:01:42			18.22	GP	General photograph taken at this point	00:01:42	36BX_U_1 0022026_1438_109.		26.78	WL	Water level, 10% of the vertical dimension	00:02:13			35.15	SA	Survey abandoned: Loss of traction	00:02:56		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																
0.00	MH	Start node, manhole, reference: MH36	00:00:00																																																																																		
0.00	WL	Water level, 5% of the vertical dimension																																																																																			
0.47	LL	Line deviates left: Severe	00:00:03																																																																																		
11.12	WL	Water level, 10% of the vertical dimension	00:01:00																																																																																		
11.12	GP	General photograph taken at this point	00:01:00	36BX_U_1 0022026_1438_108.																																																																																	
11.83	JN	Junction at 12 o'clock, 100mm dia	00:01:05																																																																																		
12.18	LR	Line deviates right: Severe	00:01:07																																																																																		
12.78	WL	Water level, 5% of the vertical dimension	00:01:12																																																																																		
18.22	JN	Junction at 9 o'clock, 100mm dia	00:01:42																																																																																		
18.22	GP	General photograph taken at this point	00:01:42	36BX_U_1 0022026_1438_109.																																																																																	
26.78	WL	Water level, 10% of the vertical dimension	00:02:13																																																																																		
35.15	SA	Survey abandoned: Loss of traction	00:02:56																																																																																		

Construction Features
Structural Defects
Miscellaneous Features
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

Section Pictures - 10/02/2026 - 36BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
52	Upstream	36BX		



36BX_U_10022026_1438_108.jpg, 00:01:00, 11.12 m
General photograph taken at this point



36BX_U_10022026_1438_109.jpg, 00:01:42, 18.22 m
General photograph taken at this point

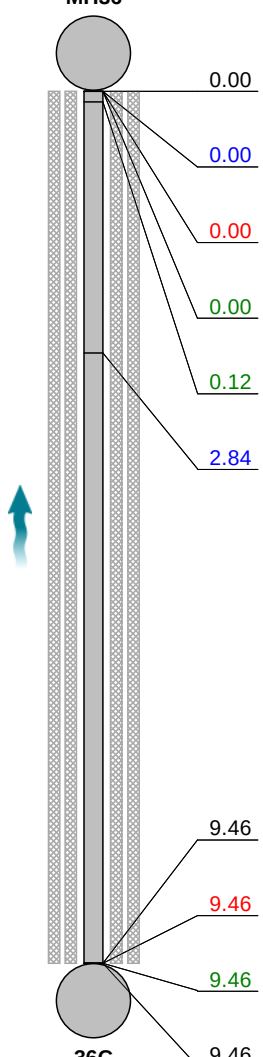
Section Inspection - 10/02/2026 - 36CX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
53	1	10/02/26	14:42	Not Specified	Rain	No	36CX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	36C
Road:	Langstone Technology Park	Inspected Length:	9.46 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	9.46 m	Downstream Node:	MH36
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:82	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																		
<div><div><div>Depth: m</div><div>MH36</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH36</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01 SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:03</td><td></td><td></td></tr><tr><td>0.00</td><td>S02 DEC</td><td>Settled deposits, hard or compacted, 10% cross-sectional area loss, start</td><td>00:01:19</td><td></td><td></td></tr><tr><td>0.12</td><td>LR</td><td>Line deviates right: Marginal</td><td>00:00:05</td><td></td><td></td></tr><tr><td>2.84</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:41</td><td>36CX_U_10022026_1442_065.</td><td></td></tr><tr><td>9.46</td><td>MCPVC</td><td>Pipe material changes to polyvinyl chloride at this point</td><td>00:01:22</td><td></td><td></td></tr><tr><td>9.46</td><td>F01 SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:01:22</td><td></td><td>1</td></tr><tr><td>9.46</td><td>F02 DEC</td><td>Settled deposits, hard or compacted, 10% cross-sectional area loss, finish</td><td>00:01:22</td><td></td><td>3</td></tr><tr><td>9.46</td><td>GYF</td><td>Finish node, gully, reference: 36C</td><td>00:01:26</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH36	00:00:00			0.00	WL	Water level, 5% of the vertical dimension				0.00	S01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:03			0.00	S02 DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, start	00:01:19			0.12	LR	Line deviates right: Marginal	00:00:05			2.84	GP	General photograph taken at this point	00:00:41	36CX_U_10022026_1442_065.		9.46	MCPVC	Pipe material changes to polyvinyl chloride at this point	00:01:22			9.46	F01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:22		1	9.46	F02 DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, finish	00:01:22		3	9.46	GYF	Finish node, gully, reference: 36C	00:01:26		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																				
0.00	MH	Start node, manhole, reference: MH36	00:00:00																																																																						
0.00	WL	Water level, 5% of the vertical dimension																																																																							
0.00	S01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:03																																																																						
0.00	S02 DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, start	00:01:19																																																																						
0.12	LR	Line deviates right: Marginal	00:00:05																																																																						
2.84	GP	General photograph taken at this point	00:00:41	36CX_U_10022026_1442_065.																																																																					
9.46	MCPVC	Pipe material changes to polyvinyl chloride at this point	00:01:22																																																																						
9.46	F01 SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:22		1																																																																				
9.46	F02 DEC	Settled deposits, hard or compacted, 10% cross-sectional area loss, finish	00:01:22		3																																																																				
9.46	GYF	Finish node, gully, reference: 36C	00:01:26																																																																						

Construction Features

Miscellaneous Features

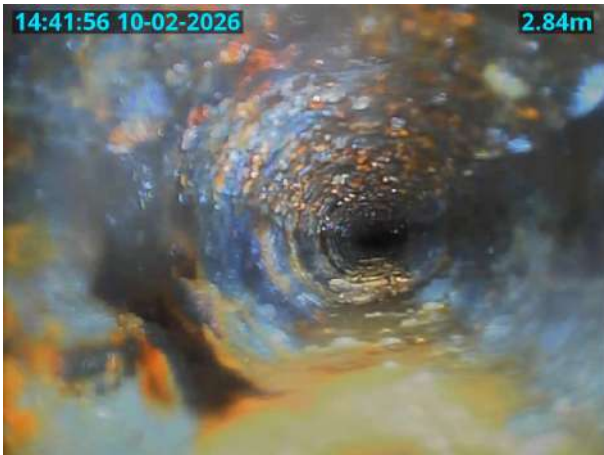
Structural Defects

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
1	5.0	5.3	50.0	1.0	1	2.0	2.1	20.0	3.0

Section Pictures - 10/02/2026 - 36CX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
53	Upstream	36CX		



36CX_U_10022026_1442_065.jpg, 00:00:41, 2.84 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - 37AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
54	1	10/02/26	14:59	Not Specified	Rain	No	37AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	37A
Road:	Langstone Technology Park	Inspected Length:	8.28 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	8.28 m	Downstream Node:	MH37
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:72	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH37</div> <div>0.00</div> <div>0.00</div> <div>3.20</div> <div>4.02</div> <div>7.22</div> <div>8.28</div> <div>37A</div> <div>Depth: m</div> </div> <div> <div>MH</div> <div>WL</div> <div>SR</div> <div>GP</div> <div>LU</div> <div>OCF</div> </div> <div> <div>Start node, manhole, reference: MH37</div> <div>Water level, 5% of the vertical dimension</div> <div>Sealing ring intruding from 1 o'clock to 4 o'clock</div> <div>General photograph taken at this point</div> <div>Line deviates up: Severe</div> <div>Finish node, other special chamber, reference: 37A: Possible RWP UTL</div> </div> <div> <div>00:00:00</div> <div></div> <div>00:00:19</div> <div>00:00:25</div> <div>00:00:39</div> <div>00:00:51</div> </div> <div> <div></div> <div></div> <div></div> <div>37AX_U_1 0022026_ 1459_066.</div> <div></div> <div></div> </div> <div> <div></div> <div></div> <div>1 / 1</div> <div></div> <div></div> <div></div> </div> </div>							

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
1	5.0	0.6	5.0	1.0	1	0.0	0.0	0.0	1.0

Section Pictures - 10/02/2026 - 37AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
54	Upstream	37AX		



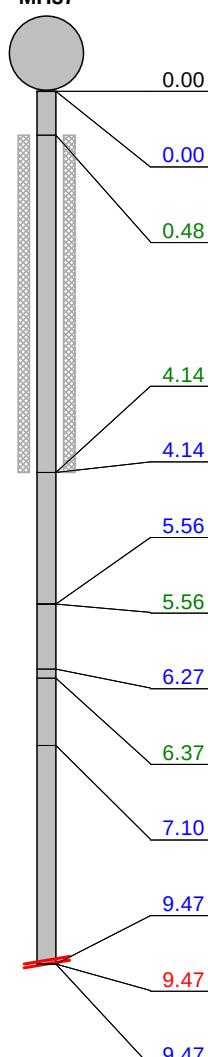
37AX_U_10022026_1459_066.jpg, 00:00:25, 4.02 m
 General photograph taken at this point

Section Inspection - 10/02/2026 - 37BX

Item No. 55	Insp. No. 1	Date 10/02/26	Time 15:01	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR 37BX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	37B
Road:	Langstone Technology Park	Inspected Length:	9.47 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	9.47 m	Downstream Node:	MH37
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:82	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																				
<div><div><div>Depth: m</div><div>MH37</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH37</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.48</td><td>S01</td><td>DER Settled deposits, coarse, 30% cross-sectional area loss, start</td><td>00:00:03</td><td></td><td></td></tr><tr><td>4.14</td><td>F01</td><td>DER Settled deposits, coarse, 30% cross-sectional area loss, finish</td><td>00:00:23</td><td></td><td>4</td></tr><tr><td>4.14</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:23</td><td>37BX_U_10022026_1501_067.</td><td></td></tr><tr><td>5.56</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:34</td><td></td><td></td></tr><tr><td>5.56</td><td>LL</td><td>Line deviates left: Marginal</td><td>00:00:34</td><td></td><td></td></tr><tr><td>6.27</td><td>WL</td><td>Water level, 30% of the vertical dimension</td><td>00:00:39</td><td></td><td></td></tr><tr><td>6.37</td><td>DES</td><td>Settled deposits, fine, 20% cross-sectional area loss</td><td>00:00:49</td><td></td><td>4</td></tr><tr><td>7.10</td><td>CUW</td><td>Loss of vision, camera under water</td><td>00:00:45</td><td></td><td></td></tr><tr><td>9.47</td><td>WL</td><td>Water level, 15% of the vertical dimension</td><td>00:01:00</td><td></td><td></td></tr><tr><td>9.47</td><td>XP</td><td>Collapsed drain or sewer, 70% cross-sectional area loss</td><td>00:01:13</td><td>37BX_U_10022026_1501_068.</td><td>5</td></tr><tr><td>9.47</td><td>SA</td><td>Survey abandoned: Collapse</td><td>00:01:13</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH37	00:00:00			0.00	WL	Water level, 20% of the vertical dimension				0.48	S01	DER Settled deposits, coarse, 30% cross-sectional area loss, start	00:00:03			4.14	F01	DER Settled deposits, coarse, 30% cross-sectional area loss, finish	00:00:23		4	4.14	GP	General photograph taken at this point	00:00:23	37BX_U_10022026_1501_067.		5.56	WL	Water level, 5% of the vertical dimension	00:00:34			5.56	LL	Line deviates left: Marginal	00:00:34			6.27	WL	Water level, 30% of the vertical dimension	00:00:39			6.37	DES	Settled deposits, fine, 20% cross-sectional area loss	00:00:49		4	7.10	CUW	Loss of vision, camera under water	00:00:45			9.47	WL	Water level, 15% of the vertical dimension	00:01:00			9.47	XP	Collapsed drain or sewer, 70% cross-sectional area loss	00:01:13	37BX_U_10022026_1501_068.	5	9.47	SA	Survey abandoned: Collapse	00:01:13		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																						
0.00	MH	Start node, manhole, reference: MH37	00:00:00																																																																																								
0.00	WL	Water level, 20% of the vertical dimension																																																																																									
0.48	S01	DER Settled deposits, coarse, 30% cross-sectional area loss, start	00:00:03																																																																																								
4.14	F01	DER Settled deposits, coarse, 30% cross-sectional area loss, finish	00:00:23		4																																																																																						
4.14	GP	General photograph taken at this point	00:00:23	37BX_U_10022026_1501_067.																																																																																							
5.56	WL	Water level, 5% of the vertical dimension	00:00:34																																																																																								
5.56	LL	Line deviates left: Marginal	00:00:34																																																																																								
6.27	WL	Water level, 30% of the vertical dimension	00:00:39																																																																																								
6.37	DES	Settled deposits, fine, 20% cross-sectional area loss	00:00:49		4																																																																																						
7.10	CUW	Loss of vision, camera under water	00:00:45																																																																																								
9.47	WL	Water level, 15% of the vertical dimension	00:01:00																																																																																								
9.47	XP	Collapsed drain or sewer, 70% cross-sectional area loss	00:01:13	37BX_U_10022026_1501_068.	5																																																																																						
9.47	SA	Survey abandoned: Collapse	00:01:13																																																																																								

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
1	165.0	17.4	165.0	5.0	2	5.0	2.6	25.0	4.0

Section Pictures - 10/02/2026 - 37BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
55	Upstream	37BX		



37BX_U_10022026_1501_067.jpg, 00:00:23, 4.14 m
General photograph taken at this point



37BX_U_10022026_1501_068.jpg, 00:01:13, 9.47 m
Collapsed drain or sewer, 70% cross-sectional area loss

Section Inspection - 10/02/2026 - MH37X

Item No. 56	Insp. No. 1	Date 10/02/26	Time 15:05	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH37X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

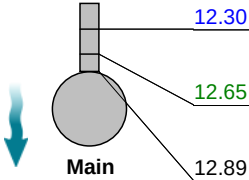
Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH37
Road:	Langstone Technology Park	Inspected Length:	12.89 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	12.89 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:104	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH37						
	0.00	MH	Start node, manhole, reference: MH37	00:00:00		
	0.00	WL	Water level, 10% of the vertical dimension			
	0.47	S01	Settled deposits, fine, 30% cross-sectional area loss, start	00:00:02		
	0.47	GP	General photograph taken at this point	00:00:02	MH37X_D_1002202_6_1505_0	
	2.95	F01	Settled deposits, fine, 30% cross-sectional area loss, finish	00:00:22		4
	4.26	DES	Settled deposits, fine, 20% cross-sectional area loss	00:00:31		4
	5.20	S02	Settled deposits, fine, 30% cross-sectional area loss, start	00:00:37		
	5.20	GP	General photograph taken at this point	00:00:37	MH37X_D_1002202_6_1505_0	
	6.15	CUD	Loss of vision, silt	00:00:46		
	8.51	WL	Water level, 10% of the vertical dimension	00:00:59		
	8.51	F02	Settled deposits, fine, 30% cross-sectional area loss, finish	00:00:59		4
	9.46	DES	Settled deposits, fine, 30% cross-sectional area loss	00:01:04		4
	10.76	DES	Settled deposits, fine, 40% cross-sectional area loss	00:01:12	MH37X_D_1002202_6_1505_0	4
	11.00	JN	Junction at 3 o'clock, 100mm dia	00:01:15		
	11.59	CUW	Loss of vision, camera under water	00:01:19		

Section Inspection - 10/02/2026 - MH37X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
56	1	10/02/26	15:05	Not Specified	Rain	No	MH37X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale:	1:104	Position [m]	Code	Observation	MPEG	Photo	Grade		
		12.30	WL	Water level, 10% of the vertical dimension	00:01:25				
		12.65	LR	Line deviates right: Marginal	00:01:27				
		12.89	BRF	Finish node, major connection without manhole, reference: Main	00:01:31				
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	5	5.0	3.9	50.0	4.0

Section Pictures - 10/02/2026 - MH37X

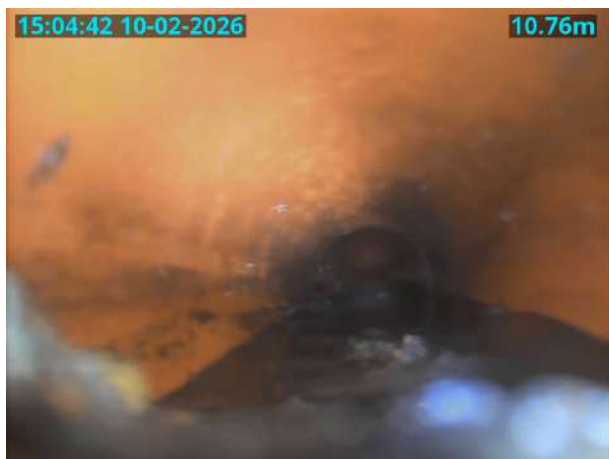
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
56	Downstream	MH37X		



MH37X_D_10022026_1505_069.jpg, 00:00:02, 0.47 m
General photograph taken at this point



MH37X_D_10022026_1505_070.jpg, 00:00:37, 5.20 m
General photograph taken at this point



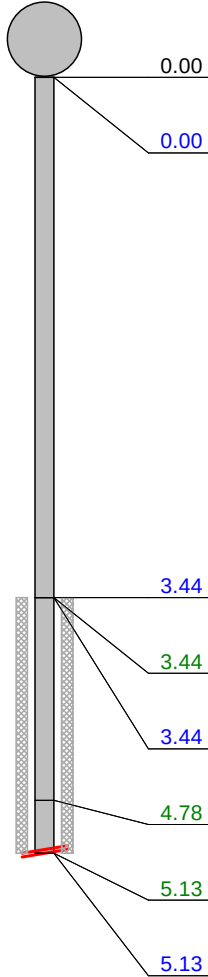
MH37X_D_10022026_1505_071.jpg, 00:01:12, 10.76 m
Settled deposits, fine, 40% cross-sectional area loss

Section Inspection - 11/02/2026 - MH38X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
57	1	11/02/26	8:56	Not Specified	Rain	No	MH38X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH38
Road:	Langstone Technology Park	Inspected Length:	5.13 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.13 m	Downstream Node:	MH39
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH38</div>  </div>							
		0.00	MH	Start node, manhole, reference: MH38	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		3.44	WL	Water level, 10% of the vertical dimension	00:00:43		
		3.44	S01	DES Settled deposits, fine, 10% cross-sectional area loss, start	00:00:43		
		3.44	GP	General photograph taken at this point	00:00:43	MH38X_D 1102202 6_0856_0	
		4.78	OBX	Other obstacles, other object in invert from 4 o'clock to 8 o'clock, 40% cross-sectional area loss: Wood	00:01:01	MH38X_D 1102202 6_0856_0	5
		5.13	F01	DES Settled deposits, fine, 10% cross-sectional area loss, finish	00:01:20		3
		5.13	SA	Survey abandoned: Due to obstruction	00:01:20		

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	2	12.0	2.7	14.0	5.0

Section Pictures - 11/02/2026 - MH38X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
57	Downstream	MH38X		



MH38X_D_11022026_0856_072.jpg, 00:00:43, 3.44 m
General photograph taken at this point



MH38X_D_11022026_0856_073.jpg, 00:01:01, 4.78 m
Other obstacles, other object in invert from 4 o'clock to 8 o'clock, 40% cross-sectional area loss, Wood

Section Pictures - 11/02/2026 - 38AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
58	Upstream	38AX		



38AX_U_11022026_0903_074.jpg, 00:00:12, 0.71 m
 General photograph taken at this point

Section Inspection - 11/02/2026 - 38BX

Item No. 59	Insp. No. 1	Date 11/02/26	Time 9:08	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR 38BX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	38B
Road:	Langstone Technology Park	Inspected Length:	28.78 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	28.78 m	Downstream Node:	MH38
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:204	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH38	0.00	MH	Start node, manhole, reference: MH38	00:00:00		
	0.00	WL	Water level, 15% of the vertical dimension			
	0.20	JN	Junction at 6 o'clock, 150mm dia: Backdrop	00:00:02		
	0.47	MCPF	Pipe material changes to pitch fibre at this point	00:00:05		
	0.47	WL	Water level, 15% of the vertical dimension	00:00:05		
	1.65	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:13		3
	4.37	S01	DES Settled deposits, fine, 10% cross-sectional area loss, start	00:00:33		
	4.97	S02	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:00:38		
	8.51	JN	Junction at 10 o'clock, 100mm dia	00:01:11		
	10.05	F02	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:01:27		4
	14.19	DER	Settled deposits, coarse, 15% cross-sectional area loss	00:02:02		3
	17.14	F01	DES Settled deposits, fine, 10% cross-sectional area loss, finish	00:02:20		3
	17.14	S03	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:02:20		
	17.14	GP	General photograph taken at this point	00:02:20	38BX_U_1 1022026_0908_075.	
	22.59	F03	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:02:54		4

Section Inspection - 11/02/2026 - 38BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
59	1	11/02/26	9:08	Not Specified	Rain	No	38BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Scale: 1:204

24.41

28.78

38B

Depth: m

Code

Observation

MPEG

Photo

Grade

WL

Water level, 5% of the vertical dimension

00:03:04

MHF

Finish node, manhole, reference: 38B

00:03:32

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

5

7.0

3.1

90.0

4.0

Section Pictures - 11/02/2026 - 38BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
59	Upstream	38BX		



38BX_U_11022026_0908_075.jpg, 00:02:20, 17.14 m
General photograph taken at this point

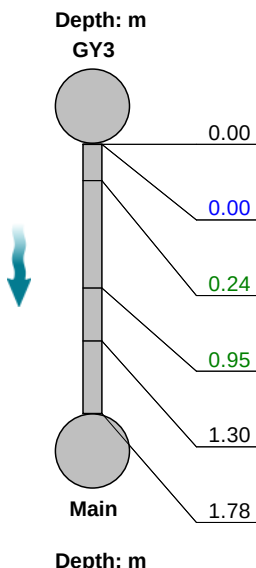
Section Inspection - 11/02/2026 - GY3X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
60	1	11/02/26	9:17	Not Specified	Rain	No	GY3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	GY3
Road:	Langstone Technology Park	Inspected Length:	1.78 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.78 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	GY	Start node, gully, reference: GY3	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.24	LR	Line deviates right: Severe	00:00:03		
		0.95	LU	Line deviates up: Slight	00:00:07		
		1.30	MCPF	Pipe material changes to pitch fibre at this point	00:00:10		
		1.78	BRF	Finish node, major connection without manhole, reference: Main	00:00:14	GY3X_D_11022026_0917_07	

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

Section Pictures - 11/02/2026 - GY3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
60	Downstream	GY3X		



GY3X_D_11022026_0917_076.jpg, 00:00:14, 1.78 m
 Finish node, major connection without manhole, reference:
 Main

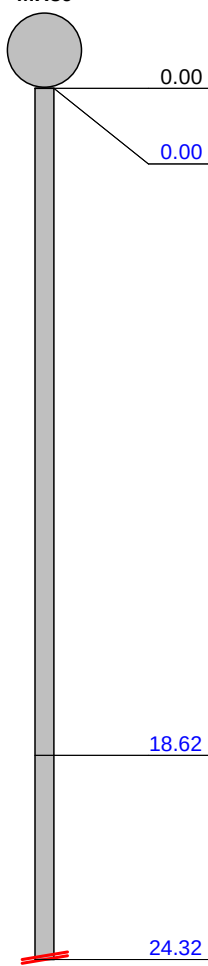
Section Inspection - 11/02/2026 - MH38X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
61	1	11/02/26	9:23	Not Specified	Rain	No	MH38X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH38
Road:	Langstone Technology Park	Inspected Length:	24.32 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	24.32 m	Downstream Node:	MH39
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:211	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH39</div> <div>  </div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH39	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		18.62	GP	General photograph taken at this point	00:01:50	MH38X_U_1102202_6_0923_0	
		24.32	SA	Survey abandoned: Overlap complete	00:02:27	MH38X_U_1102202_6_0923_0	

Construction Features

Structural Defects

Miscellaneous Features

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

Section Pictures - 11/02/2026 - MH38X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
61	Upstream	MH38X		



MH38X_U_11022026_0923_077.jpg, 00:01:50, 18.62 m
General photograph taken at this point



MH38X_U_11022026_0923_078.jpg, 00:02:27, 24.32 m
Survey abandoned, Overlap complete

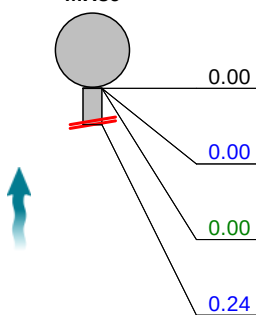
Section Inspection - 11/02/2026 - 39BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
62	1	11/02/26	9:24	Not Specified	Rain	No	39BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	39B
Road:	Langstone Technology Park	Inspected Length:	0.24 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	0.24 m	Downstream Node:	MH39
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> Depth: m MH39 </div>  </div>							
		0.00	MH	Start node, manhole, reference: MH39	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.00	DER	Settled deposits, coarse, 100% cross-sectional area loss	00:00:03	39BX_U_1 1022026_ 0924_110.	5
		0.24	SA	Survey abandoned: Due to debris rubble	00:00:09		

Construction Features

Structural Defects

Miscellaneous Features

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	1	10.0	41.7	10.0	5.0

Section Pictures - 11/02/2026 - 39BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
62	Upstream	39BX		



39BX_U_11022026_0924_110.jpg, 00:00:03, 0.00 m
Settled deposits, coarse, 100% cross-sectional area loss

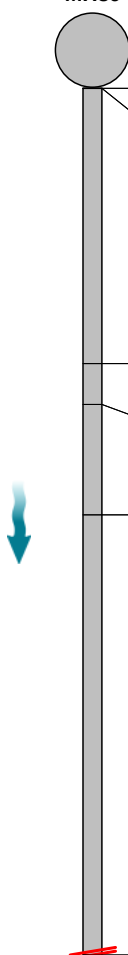
Section Inspection - 11/02/2026 - MH39X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
63	1	11/02/26	9:27	Not Specified	Rain	No	MH39X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH39
Road:	Langstone Technology Park	Inspected Length:	7.45 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	7.45 m	Downstream Node:	MH40
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:65	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH39</div>  </div>							
		0.00	MH	Start node, manhole, reference: MH39	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		2.37	WL	Water level, 20% of the vertical dimension	00:00:20		
		2.72	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:23		3
		3.67	DEX	Settled deposits, other, 40% cross-sectional area loss: Rubble / twiggs, Pushing	00:00:35	MH39X_D_1102202_6_0927_1	4
		7.45	SA	Survey abandoned: Due to debris	00:01:19		

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	2	5.0	0.9	7.0	4.0

Section Pictures - 11/02/2026 - MH39X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
63	Downstream	MH39X		



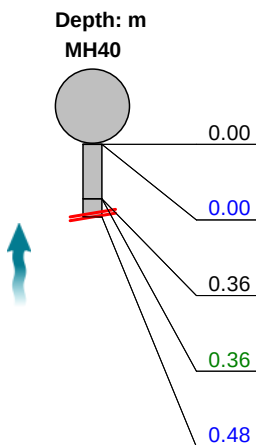
MH39X_D_11022026_0927_111.jpg, 00:00:35, 3.67 m
 Settled deposits, other, 40% cross-sectional area loss, Rubble
 / twiggs, Pushing

Section Inspection - 11/02/2026 - MH39X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
64	1	11/02/26	9:39	Not Specified	Rain	No	MH39X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH39
Road:	Langstone Technology Park	Inspected Length:	0.48 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	0.48 m	Downstream Node:	MH40
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH40	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.36	MCPF	Pipe material changes to pitch fibre at this point	00:00:03		
		0.36	DER	Settled deposits, coarse, 40% cross-sectional area loss	00:00:03	MH39X_U_11022026_0939_0	4
		0.48	SA	Survey abandoned: Overlap complete	00:00:07		

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	1	5.0	10.4	5.0	5.0

Section Pictures - 11/02/2026 - MH39X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
64	Upstream	MH39X		



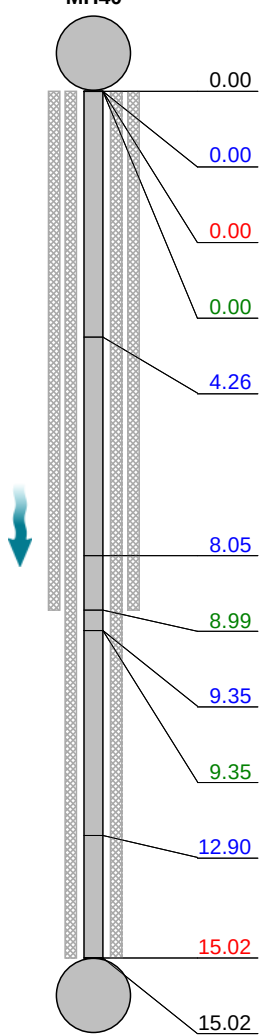
MH39X_U_11022026_0939_079.jpg, 00:00:03, 0.36 m
 Settled deposits, coarse, 40% cross-sectional area loss

Section Inspection - 11/02/2026 - MH40X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
65	1	11/02/26	9:43	Not Specified	Rain	No	MH40X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH40
Road:	Langstone Technology Park	Inspected Length:	15.02 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	15.02 m	Downstream Node:	MH33C
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:131	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																								
<div><div><div>Depth: m</div><div>MH40</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH40</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:02</td><td></td></tr><tr><td>0.00</td><td>S02</td><td>DER</td><td>Settled deposits, coarse, 5% cross-sectional area loss, start</td><td>00:00:31</td><td></td></tr><tr><td>4.26</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:31</td><td>MH40X_D_1102202_6_0943_0</td><td></td></tr><tr><td>8.05</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:01:00</td><td></td><td></td></tr><tr><td>8.99</td><td>F02</td><td>DER</td><td>Settled deposits, coarse, 5% cross-sectional area loss, finish</td><td>00:01:05</td><td></td></tr><tr><td>9.35</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:01:06</td><td></td><td></td></tr><tr><td>9.35</td><td>LR</td><td>Line deviates right: Slight</td><td>00:01:06</td><td></td><td></td></tr><tr><td>12.90</td><td>GP</td><td>General photograph taken at this point</td><td>00:01:27</td><td>MH40X_D_1102202_6_0943_0</td><td></td></tr><tr><td>15.02</td><td>F01</td><td>SCP</td><td>Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:01:44</td><td></td></tr><tr><td>15.02</td><td>MHF</td><td>Finish node, manhole, reference: MH33C</td><td>00:01:44</td><td></td><td></td></tr></table><div><div>MH33C</div><div>Depth: m</div></div></div>								0.00	MH	Start node, manhole, reference: MH40	00:00:00			0.00	WL	Water level, 10% of the vertical dimension				0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:02		0.00	S02	DER	Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:31		4.26	GP	General photograph taken at this point	00:00:31	MH40X_D_1102202_6_0943_0		8.05	WL	Water level, 20% of the vertical dimension	00:01:00			8.99	F02	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish	00:01:05		9.35	WL	Water level, 5% of the vertical dimension	00:01:06			9.35	LR	Line deviates right: Slight	00:01:06			12.90	GP	General photograph taken at this point	00:01:27	MH40X_D_1102202_6_0943_0		15.02	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:44		15.02	MHF	Finish node, manhole, reference: MH33C	00:01:44		
0.00	MH	Start node, manhole, reference: MH40	00:00:00																																																																												
0.00	WL	Water level, 10% of the vertical dimension																																																																													
0.00	S01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:02																																																																											
0.00	S02	DER	Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:31																																																																											
4.26	GP	General photograph taken at this point	00:00:31	MH40X_D_1102202_6_0943_0																																																																											
8.05	WL	Water level, 20% of the vertical dimension	00:01:00																																																																												
8.99	F02	DER	Settled deposits, coarse, 5% cross-sectional area loss, finish	00:01:05																																																																											
9.35	WL	Water level, 5% of the vertical dimension	00:01:06																																																																												
9.35	LR	Line deviates right: Slight	00:01:06																																																																												
12.90	GP	General photograph taken at this point	00:01:27	MH40X_D_1102202_6_0943_0																																																																											
15.02	F01	SCP	Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:01:44																																																																											
15.02	MHF	Finish node, manhole, reference: MH33C	00:01:44																																																																												

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
1	5.0	5.3	80.0	1.0	1	2.0	1.2	18.0	3.0

Section Pictures - 11/02/2026 - MH40X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
65	Downstream	MH40X		



MH40X_D_11022026_0943_080.jpg, 00:00:31, 4.26 m
General photograph taken at this point



MH40X_D_11022026_0943_081.jpg, 00:01:27, 12.90 m
General photograph taken at this point

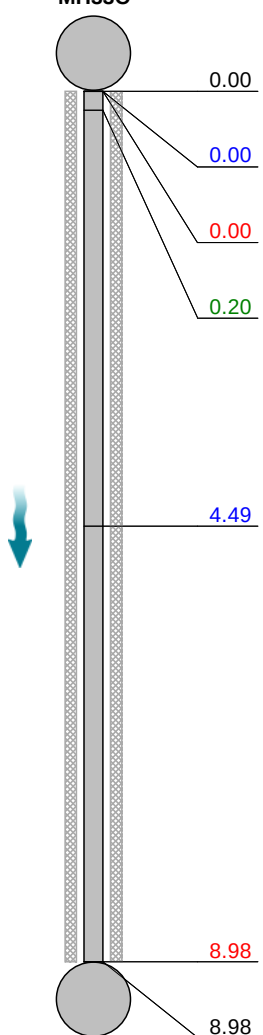
Section Inspection - 11/02/2026 - MH33CX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
66	1	11/02/26	9:47	Not Specified	Rain	No	MH33CX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH33C
Road:	Langstone Technology Park	Inspected Length:	8.98 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	8.98 m	Downstream Node:	MH33
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:78	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div><div><div>Depth: m</div><div>MH33C</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH33C</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td><td>00:00:02</td><td></td><td></td></tr><tr><td>0.20</td><td>LR</td><td>Line deviates right: Marginal</td><td>00:00:02</td><td></td><td></td></tr><tr><td>4.49</td><td>GP</td><td>General photograph taken at this point</td><td>00:00:32</td><td>MH33CX_D_110220_26_0947_</td><td></td></tr><tr><td>8.98</td><td>F01</td><td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td><td>00:00:58</td><td></td><td>1</td></tr><tr><td>8.98</td><td>MHF</td><td>Finish node, manhole, reference: MH33</td><td>00:00:58</td><td></td><td></td></tr></table></div> <div><div>Depth: m</div><div>MH33</div></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH33C	00:00:00			0.00	WL	Water level, 5% of the vertical dimension				0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:02			0.20	LR	Line deviates right: Marginal	00:00:02			4.49	GP	General photograph taken at this point	00:00:32	MH33CX_D_110220_26_0947_		8.98	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:00:58		1	8.98	MHF	Finish node, manhole, reference: MH33	00:00:58		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																		
0.00	MH	Start node, manhole, reference: MH33C	00:00:00																																																				
0.00	WL	Water level, 5% of the vertical dimension																																																					
0.00	S01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:02																																																				
0.20	LR	Line deviates right: Marginal	00:00:02																																																				
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8.98	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:00:58		1																																																		
8.98	MHF	Finish node, manhole, reference: MH33	00:00:58																																																				

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
1	5.0	5.0	45.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 11/02/2026 - MH33CX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
66	Downstream	MH33CX		



MH33CX_D_11022026_0947_082.jpg, 00:00:32, 4.49 m
 General photograph taken at this point

Section Inspection - 11/02/2026 - MH41X

Item No. 67	Insp. No. 1	Date 11/02/26	Time 9:58	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH41X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH41
Road:	Langstone Technology Park	Inspected Length:	4.26 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	4.26 m	Downstream Node:	MH42
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																
<div><div><div>Depth: m MH41</div><div><div><div></div><div>0.00</div></div><div><div>0.00</div></div><div><div>1.42</div></div><div><div>3.43</div></div><div><div>3.43</div></div><div><div>3.90</div></div><div><div>3.90</div></div><div><div>4.26</div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div></div> <tr><td>MH</td><td>Start node, manhole, reference: MH41</td><td>00:00:00</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>D</td><td>Deformed sewer or drain, 5%</td><td>00:00:09</td><td></td><td></td><td></td><td></td><td>1 / 2</td></tr> <tr><td>WL</td><td>Water level, 40% of the vertical dimension</td><td>00:00:20</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>GP</td><td>General photograph taken at this point</td><td>00:00:20</td><td></td><td></td><td></td><td>MH41X_D_1102202_6_0958_1</td><td></td></tr> <tr><td>D</td><td>Deformed sewer or drain, 25%</td><td>00:00:24</td><td></td><td></td><td></td><td></td><td>4 / 4</td></tr> <tr><td>H</td><td>Hole in drain or sewer at 12 o'clock</td><td>00:00:24</td><td></td><td></td><td></td><td>MH41X_D_1102202_6_0958_1</td><td>4</td></tr> <tr><td>SA</td><td>Survey abandoned: Due to deformed pipe</td><td>00:00:47</td><td></td><td></td><td></td><td></td><td></td></tr>								MH	Start node, manhole, reference: MH41	00:00:00						WL	Water level, 5% of the vertical dimension							D	Deformed sewer or drain, 5%	00:00:09					1 / 2	WL	Water level, 40% of the vertical dimension	00:00:20						GP	General photograph taken at this point	00:00:20				MH41X_D_1102202_6_0958_1		D	Deformed sewer or drain, 25%	00:00:24					4 / 4	H	Hole in drain or sewer at 12 o'clock	00:00:24				MH41X_D_1102202_6_0958_1	4	SA	Survey abandoned: Due to deformed pipe	00:00:47					
MH	Start node, manhole, reference: MH41	00:00:00																																																																					
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H	Hole in drain or sewer at 12 o'clock	00:00:24				MH41X_D_1102202_6_0958_1	4																																																																
SA	Survey abandoned: Due to deformed pipe	00:00:47																																																																					

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	160.0	37.6	160.0	4.0	2	5.0	1.4	6.0	4.0

Section Pictures - 11/02/2026 - MH41X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
67	Downstream	MH41X		



MH41X_D_11022026_0958_112.jpg, 00:00:20, 3.43 m
General photograph taken at this point



MH41X_D_11022026_0958_113.jpg, 00:00:24, 3.90 m
Hole in drain or sewer at 12 o'clock

Section Pictures - 11/02/2026 - GY4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
68	Downstream	GY4X		



GY4X_D_11022026_1009_083.jpg, 00:00:03, 0.59 m
Hole in drain or sewer at 12 o'clock



GY4X_D_11022026_1009_084.jpg, 00:00:40, 6.03 m
General photograph taken at this point

Section Pictures - 11/02/2026 - GY5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
69	Downstream	GY5X		



GY5X_D_11022026_1018_085.jpg, 00:00:07, 1.18 m
General photograph taken at this point

Section Inspection - 11/02/2026 - GY6X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
70	1	11/02/26	10:20	Not Specified	Rain	No	GY6X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Not Specified	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	GY6
Road:	Langstone Technology Park	Inspected Length:	0.47 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	0.47 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: GY6	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension			
		0.23	GP	General photograph taken at this point	00:00:03	GY6X_D_11022026_1020_08	
		0.47	BRF	Finish node, major connection without manhole, reference: Main	00:00:07		

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

Section Pictures - 11/02/2026 - GY6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
70	Downstream	GY6X		



GY6X_D_11022026_1020_086.jpg, 00:00:03, 0.23 m
General photograph taken at this point

Section Inspection - 12/02/2026 - MH50X

Item No. 71	Insp. No. 1	Date 12/02/26	Time 9:55	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR MH50X
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

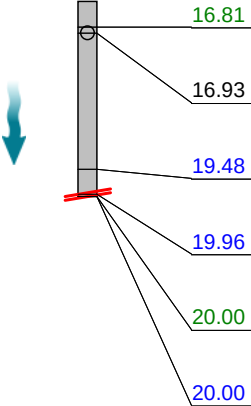
Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH50
Road:	Langstone Tecnology Park	Inspected Length:	20.00 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	20.00 m	Downstream Node:	MH51
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:142	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH50</div> <div>0.00</div> <div>0.00</div> <div>0.00</div> <div>1.06</div> <div>4.02</div> <div>5.55</div> <div>5.67</div> <div>6.00</div> <div>6.03</div> <div>6.97</div> <div>6.97</div> <div>7.68</div> <div>9.46</div> <div>11.94</div> <div>15.84</div> </div> <div> <div>MH</div> <div>WL</div> <div>S01</div> <div>RF</div> <div>S02</div> <div>JN</div> <div>RM</div> <div>F02</div> <div>JN</div> <div>F01</div> <div>WL</div> <div>WL</div> <div>JN</div> <div>WL</div> <div>WL</div> </div> <div> <div>MH</div> <div>WL</div> <div>DES</div> <div>RF</div> <div>CUW</div> <div>JN</div> <div>RM</div> <div>CUW</div> <div>JN</div> <div>DES</div> <div>WL</div> <div>WL</div> <div>JN</div> <div>WL</div> <div>WL</div> </div> <div> <div>Start node, manhole, reference: MH50</div> <div>Water level, 40% of the vertical dimension</div> <div>Settled deposits, fine, 10% cross-sectional area loss, start</div> <div>Roots, fine</div> <div>Loss of vision, camera under water, start</div> <div>Junction at 2 o'clock, 100mm dia</div> <div>Roots, mass, 10% cross-sectional area loss</div> <div>Loss of vision, camera under water, finish</div> <div>Junction at 10 o'clock, 100mm dia</div> <div>Settled deposits, fine, 10% cross-sectional area loss, finish</div> <div>Water level, 10% of the vertical dimension</div> <div>Water level, 5% of the vertical dimension</div> <div>Junction at 12 o'clock, 100mm dia</div> <div>Water level, 10% of the vertical dimension</div> <div>Water level, 25% of the vertical dimension</div> </div> <div> <div>00:00:00</div> <div>00:00:04</div> <div>00:00:10</div> <div>00:00:17</div> <div>00:00:36</div> <div>00:00:50</div> <div>00:00:45</div> <div>00:01:05</div> <div>00:00:59</div> <div>00:01:05</div> <div>00:01:05</div> <div>00:01:13</div> <div>00:01:28</div> <div>00:01:39</div> <div>00:01:52</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>MH50X_5 01639b4-1 eef-4419-a</div> <div></div> <div>MH50X_4 b2c89ca-b 867-4f42-b</div> <div></div> <div></div> <div></div> <div></div> <div>MH50X_5f f3765e-78 a2-405e-8</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>3</div> <div></div> <div></div> <div>3</div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> </div>						

Section Inspection - 12/02/2026 - MH50X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
71	1	12/02/26	9:55	Not Specified	Rain	No	MH50X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Scale:	1:142	Position [m]	Code	Observation	MPEG	Photo	Grade
		<u>16.81</u>	RM	Roots, mass, 10% cross-sectional area loss	00:01:57	MH50X_c4 d21d95-e8 03-416a-b	3
		<u>16.93</u>	JN	Junction at 12 o'clock, 100mm dia	00:01:56		
		<u>19.48</u>	CUW	Loss of vision, camera under water	00:02:19		
		<u>19.96</u>	WL	Water level, 40% of the vertical dimension	00:02:36		
		<u>20.00</u>	RM	Roots, mass, 90% cross-sectional area loss	00:02:36		5
		<u>20.00</u>	SA	Survey abandoned: ROOTS MASS 90%	00:02:36	MH50X_c9 9950d4-75 a9-4f05-9e	

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	5	20.0	2.2	43.0	5.0

Section Pictures - 12/02/2026 - MH50X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
71	Downstream	MH50X		



MH50X_501639b4-1eef-4419-a24c-3575b4543346_20260223_123148_407.jpg, 00:00:45, 5.67 m
Roots, mass, 10% cross-sectional area loss



MH50X_4b2c89ca-b867-4f42-ba8d-87102b712706_20260223_123235_731.jpg, 00:00:59, 6.03 m
Junction at 10 o'clock, 100mm dia



MH50X_5ff3765e-78a2-405e-8e3c-dcf9fef40dc9_20260223_123427_065.jpg, 00:01:52, 15.84 m
Water level, 25% of the vertical dimension



MH50X_c4d21d95-e803-416a-bae8-30b0d6476027_20260223_123447_718.jpg, 00:01:57, 16.81 m
Roots, mass, 10% cross-sectional area loss

Section Pictures - 12/02/2026 - MH50X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
71	Downstream	MH50X		



MH50X_c99950d4-75a9-4f05-9ece-dc993876aabf_20260223_123633_668.jpg, 00:02:36, 20.00 m
Survey abandoned, ROOTS MASS 90%

Section Inspection - 12/02/2026 - 50AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
72	1	12/02/26	9:57	Not Specified	Rain	No	50AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	50A
Road:	Langstone Technology Park	Inspected Length:	6.86 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.86 m	Downstream Node:	MH50
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:60	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH50</div> <div>0.00</div> <div>0.00</div> <div>3.55</div> <div>6.27</div> <div>6.86</div> <div>50A</div> <div>Depth: m</div> </div> <div> <div>IC</div> <div>WL</div> <div>GP</div> <div>LU</div> <div>OCF</div> </div> <div> <div>Start node, inspection chamber, reference: MH50</div> <div>Water level, 5% of the vertical dimension</div> <div>General photograph taken at this point</div> <div>Line deviates up: FULL</div> <div>Finish node, other special chamber, reference: 50A: RWP</div> </div> <div> <div>00:00:00</div> <div>00:00:44</div> <div>00:00:29</div> <div>00:00:38</div> <div>00:00:43</div> </div> <div> <div></div> <div></div> <div>50AX_d74 4a6ec-30c f-4855-887</div> <div></div> <div></div> </div> </div>							

Construction Features

Structural Defects

Miscellaneous Features

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

Section Pictures - 12/02/2026 - 50AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
72	Upstream	50AX		



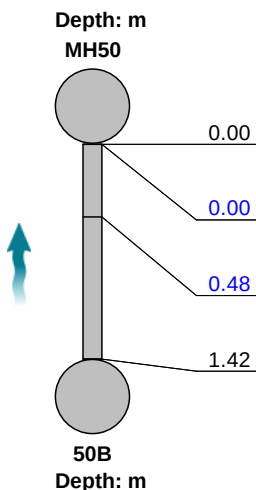
50AX_d744a6ec-30cf-4855-887a-bebf4297be33_20260223_1
23910_965.jpg, 00:00:29, 3.55 m
General photograph taken at this point

Section Inspection - 12/02/2026 - 50BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
73	1	12/02/26	9:58	Not Specified	Rain	No	50BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	50B
Road:	Langstone Technology Park	Inspected Length:	1.42 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.42 m	Downstream Node:	MH50
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	IC	Start node, inspection chamber, reference: MH50	00:00:00		
		0.00	WL	Water level, 30% of the vertical dimension	00:00:02		
		0.48	WL	Water level, 0% of the vertical dimension	00:00:05		
		1.42	GYF	Finish node, gully, reference: 50B: RWP	00:00:11		

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

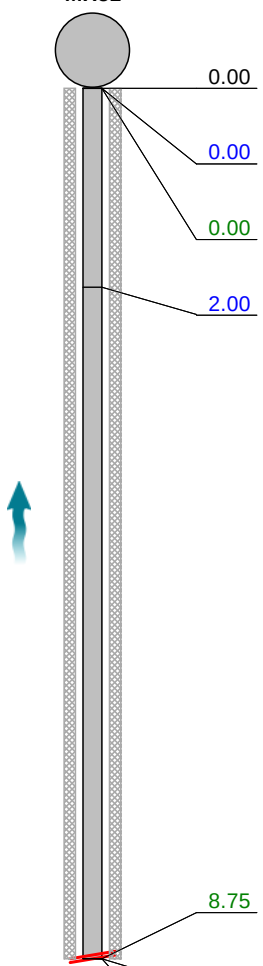
Section Inspection - 12/02/2026 - MH50X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
75	1	12/02/26	10:12	Not Specified	Rain	No	MH50X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH50
Road:	Langstone Technology Park	Inspected Length:	8.75 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	8.75 m	Downstream Node:	MH51
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:76	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> Depth: m MH51 </div>  </div>							
		0.00	IC	Start node, inspection chamber, reference: MH51	00:00:00		
		0.00	WL	Water level, 30% of the vertical dimension	00:00:02		
		0.00	S01 DER	Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:36		
		2.00	CUW	Loss of vision, camera under water	00:01:00		
		8.75	F01 DER	Settled deposits, coarse, 5% cross-sectional area loss, finish	00:01:16		3
		8.75	RM	Roots, mass, 90% cross-sectional area loss: OVERLAP COMPLETE	00:01:16		5
		8.75	SA	Survey abandoned: ROOTS MASS 90%	00:01:16		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

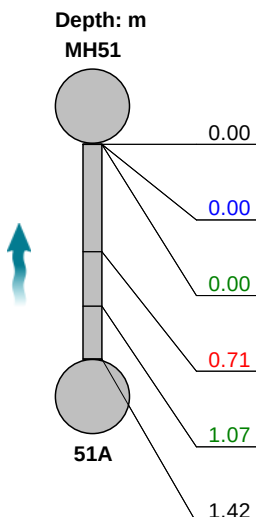
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	20.0	4.3	38.0	5.0

Section Inspection - 12/02/2026 - 51AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
76	1	12/02/26	10:14	Not Specified	Rain	No	51AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	51A
Road:	Langstone Tecnology Park	Inspected Length:	1.42 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.42 m	Downstream Node:	MH51
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	IC	Start node, inspection chamber, reference: MH51	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.00	LU	Line deviates up: QUARTER	00:00:03		
		0.71	CC	Crack, circumferential from 2 o'clock to 5 o'clock	00:00:09	51AX_eb8 01b17-7a6 3-42b0-9e	2 / 2
		1.07	LR	Line deviates right: HALF	00:00:14		
		1.42	GYF	Finish node, gully, reference: 51A	00:00:19		

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
1	10.0	7.7	10.0	2.0	1	1.0	0.8	1.0	2.0

Section Pictures - 12/02/2026 - 51AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
76	Upstream	51AX		



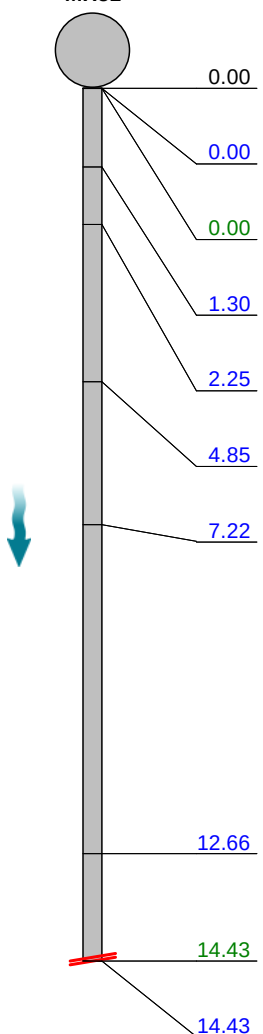
51AX_eb801b17-7a63-42b0-9ec3-c69d9da7f15c_20260223_1
24831_738.jpg, 00:00:09, 0.71 m
Crack, circumferential from 2 o'clock to 5 o'clock

Section Inspection - 12/02/2026 - MH51X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
77	1	12/02/26	10:16	Not Specified	Rain	No	MH51X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH51
Road:	Langstone Technology Park	Inspected Length:	14.43 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	14.43 m	Downstream Node:	MH52
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:125	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH51</div>  </div>							
		0.00	IC	Start node, inspection chamber, reference: MH51	00:00:00		
		0.00	WL	Water level, 40% of the vertical dimension	00:00:03		
		0.00	DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:06		3
		1.30	WL	Water level, 30% of the vertical dimension	00:00:11		
		2.25	WL	Water level, 5% of the vertical dimension	00:00:18		
		4.85	WL	Water level, 30% of the vertical dimension	00:00:35		
		7.22	WL	Water level, 50% of the vertical dimension	00:00:50		
		12.66	WL	Water level, 70% of the vertical dimension	00:01:28		
		14.43	DEX	Settled deposits, other, 90% cross-sectional area loss: BLOCKAGE - POSSIBLE ROOTS AND LITTER	00:01:51		5
		14.43	SA	Survey abandoned: 90% BLOCKAGE	00:01:51		

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	2	10.0	0.8	12.0	5.0

Section Inspection - 12/02/2026 - MH54X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
78	1	12/02/26	10:29	Not Specified	Rain	No	MH54X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH54
Road:	Langstone Technology Park	Inspected Length:	6.03 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.03 m	Downstream Node:	MH53
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:53	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH53</div> <div>0.00</div> <div>0.00</div> <div>3.07</div> <div>4.73</div> <div>5.32</div> <div>5.40</div> <div>5.40</div> <div>6.03</div> <div>MH54</div> <div>Depth: m</div> </div>							
		0.00	MH	Start node, manhole, reference: MH53	00:00:00		
		0.00	WL	Water level, 20% of the vertical dimension	00:00:03	MH54X_7 98307c4-0 9e6-4b34-	
		3.07	WL	Water level, 5% of the vertical dimension	00:01:07	MH54X_2 803b975-b 308-4e8e-	
		4.73	RXZ	Defective repair, other from 12 o'clock to 12 o'clock: PIPE JOINING DEFECTIVE	00:01:17	MH54X_9 8b183b6-1 514-4a1d-	
		5.32	WL	Water level, 20% of the vertical dimension	00:01:20		
		5.40	MCVC	Pipe material changes to vitrified clay at this point	00:01:22	MH54X_b bf75885-3 e25-4d5c-	
		5.40	SC	Pipe size changes, new size(s), 80mm high	00:01:22		
		6.03	MHF	Finish node, manhole, reference: MH54	00:01:44		

Construction Features
Structural Defects
Miscellaneous Features
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

Section Pictures - 12/02/2026 - MH54X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
78	Upstream	MH54X		



MH54X_798307c4-09e6-4b34-a5a9-306f880723f1_20260223_125610_257.jpg, 00:00:03, 0.00 m
Water level, 20% of the vertical dimension



MH54X_2803b975-b308-4e8e-83bb-015ae72626ca_20260223_125645_123.jpg, 00:01:07, 3.07 m
Water level, 5% of the vertical dimension



MH54X_98b183b6-1514-4a1d-be7d-1fe61282fcc6_20260223_125738_012.jpg, 00:01:17, 4.73 m
Defective repair, other from 12 o'clock to 12 o'clock, PIPE JOINING DEFECTIVE



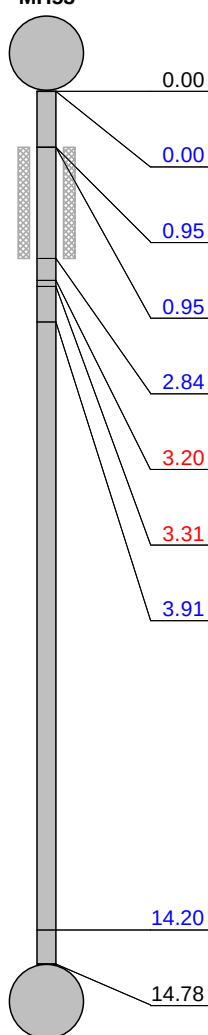
MH54X_bbf75885-3e25-4d5c-be48-c9567dbaeb8a_20260223_125822_392.jpg, 00:01:22, 5.40 m
Pipe material changes to vitrified clay at this point

Section Inspection - 12/02/2026 - MH53X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
79	1	12/02/26	10:31	Not Specified	Rain	No	MH53X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH53
Road:	Langstone Tecnology Park	Inspected Length:	14.78 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	14.78 m	Downstream Node:	MH55
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:128	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																		
<div><div><div>Depth: m</div><div>MH53</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH53</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:01</td><td></td><td></td></tr><tr><td>0.95</td><td>WL</td><td>Water level, 60% of the vertical dimension</td><td>00:00:07</td><td></td><td></td></tr><tr><td>0.95</td><td>S01</td><td>CUW Loss of vision, camera under water, start</td><td>00:00:07</td><td></td><td></td></tr><tr><td>2.84</td><td>F01</td><td>CUW Loss of vision, camera under water, finish</td><td>00:00:15</td><td></td><td></td></tr><tr><td>3.20</td><td>FM</td><td>Fractures, multiple from 12 o'clock to 12 o'clock</td><td>00:00:17</td><td>MH53X_5 374aaaf-4 b5d-4cd3-</td><td>4 / 2</td></tr><tr><td>3.31</td><td>JDL</td><td>Joint displaced, large</td><td>00:00:19</td><td>MH53X_8 e46ed57-6 25e-4987-</td><td>1 / 4</td></tr><tr><td>3.91</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:24</td><td></td><td></td></tr><tr><td>14.20</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:01:21</td><td>MH53X_a 10c0ad8-8 dfe-446d-8</td><td></td></tr><tr><td>14.78</td><td>MHF</td><td>Finish node, manhole, reference: MH55</td><td>00:01:31</td><td></td><td></td></tr></table><div><div>MH55</div><div>Depth: m</div></div></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH53	00:00:00			0.00	WL	Water level, 5% of the vertical dimension	00:00:01			0.95	WL	Water level, 60% of the vertical dimension	00:00:07			0.95	S01	CUW Loss of vision, camera under water, start	00:00:07			2.84	F01	CUW Loss of vision, camera under water, finish	00:00:15			3.20	FM	Fractures, multiple from 12 o'clock to 12 o'clock	00:00:17	MH53X_5 374aaaf-4 b5d-4cd3-	4 / 2	3.31	JDL	Joint displaced, large	00:00:19	MH53X_8 e46ed57-6 25e-4987-	1 / 4	3.91	WL	Water level, 5% of the vertical dimension	00:00:24			14.20	WL	Water level, 20% of the vertical dimension	00:01:21	MH53X_a 10c0ad8-8 dfe-446d-8		14.78	MHF	Finish node, manhole, reference: MH55	00:01:31		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																																				
0.00	MH	Start node, manhole, reference: MH53	00:00:00																																																																						
0.00	WL	Water level, 5% of the vertical dimension	00:00:01																																																																						
0.95	WL	Water level, 60% of the vertical dimension	00:00:07																																																																						
0.95	S01	CUW Loss of vision, camera under water, start	00:00:07																																																																						
2.84	F01	CUW Loss of vision, camera under water, finish	00:00:15																																																																						
3.20	FM	Fractures, multiple from 12 o'clock to 12 o'clock	00:00:17	MH53X_5 374aaaf-4 b5d-4cd3-	4 / 2																																																																				
3.31	JDL	Joint displaced, large	00:00:19	MH53X_8 e46ed57-6 25e-4987-	1 / 4																																																																				
3.91	WL	Water level, 5% of the vertical dimension	00:00:24																																																																						
14.20	WL	Water level, 20% of the vertical dimension	00:01:21	MH53X_a 10c0ad8-8 dfe-446d-8																																																																					
14.78	MHF	Finish node, manhole, reference: MH55	00:01:31																																																																						

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	82.0	5.5	82.0	4.0	2	6.0	0.4	6.0	4.0

Section Pictures - 12/02/2026 - MH53X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
79	Downstream	MH53X		



MH53X_5374aaaf-4b5d-4cd3-a655-1d9ca2669697_20260223_133317_973.jpg, 00:00:17, 3.20 m
Fractures, multiple from 12 o'clock to 12 o'clock



MH53X_8e46ed57-625e-4987-9bd9-86e2f09b960e_20260223_133332_225.jpg, 00:00:19, 3.31 m
Joint displaced, large



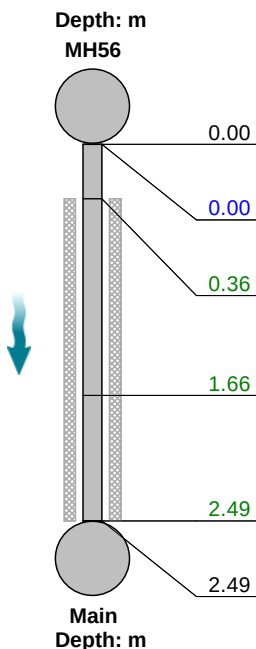
MH53X_a10c0ad8-8dfe-446d-8c74-1b8eb4108b60_20260223_133740_881.jpg, 00:01:21, 14.20 m
Water level, 20% of the vertical dimension

Section Inspection - 12/02/2026 - MH56X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
80	1	12/02/26	11:01	Not Specified	Rain	No	MH56X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH56
Road:	Langstone Technology Park	Inspected Length:	2.49 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	2.49 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH56	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension	00:00:09		
		0.36	S01	DEC Settled deposits, hard or compacted, 20% cross-sectional area loss, start	00:00:10	MH56X_f6baea80-03cf-48b7-8a	
		1.66	C01	DEC Settled deposits, hard or compacted, 30% cross-sectional area loss, change	00:00:18	MH56X_04ceadd2-c3ea-4a61-	
		2.49	F01	DEC Settled deposits, hard or compacted, 30% cross-sectional area loss, finish	00:00:41		4
		2.49	BRF	Finish node, major connection without manhole, reference: Main	00:00:41		

Construction Features
Structural Defects
Miscellaneous Features
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	1	5.0	6.0	15.0	5.0

Section Pictures - 12/02/2026 - MH56X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
80	Downstream	MH56X		



MH56X_f6baea80-03cf-48b7-8a11-8c1329f72436_20260223_134022_818.jpg, 00:00:10, 0.36 m
Settled deposits, hard or compacted, 20% cross-sectional area loss, start



MH56X_04ceadd2-c3ea-4a61-a940-9907a48c0365_20260223_134058_224.jpg, 00:00:18, 1.66 m
Settled deposits, hard or compacted, 30% cross-sectional area loss, change

Section Inspection - 12/02/2026 - 65AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
81	1	12/02/26	12:05	Not Specified	Rain	No	65AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	65A
Road:	Langstone Technology Park	Inspected Length:	6.62 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.62 m	Downstream Node:	MH65
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:58	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH65</div> </div> <div> <div>0.00</div> <div>0.00</div> </div> <div> <div>5.91</div> <div>5.91</div> <div>6.62</div> </div> <div> <div>65A</div> <div>Depth: m</div> </div> </div>							
		0.00	MH	Start node, manhole, reference: MH65	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:02		
		5.91	B	Broken pipe at 12 o'clock	00:00:41	65AX_b0b a8ba5-bb5 5-4c29-a4	4
		5.91	H	Hole in drain or sewer at 12 o'clock	00:00:41		4
		6.62	MHF	Finish node, manhole, reference: 65A	00:00:51		

Construction Features

Structural Defects

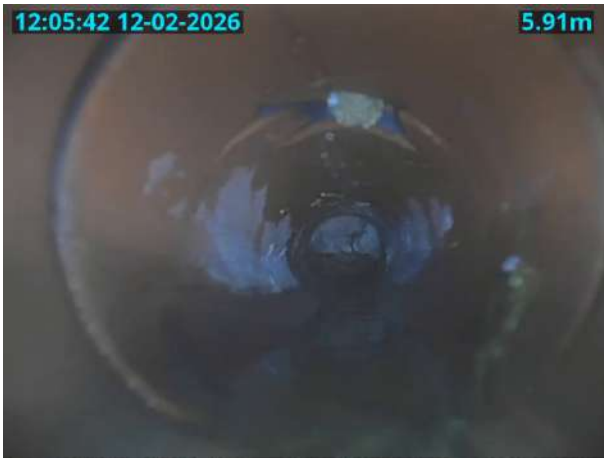
Miscellaneous Features

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	160.0	24.2	160.0	4.0	0	0.0	0.0	0.0	1.0

Section Pictures - 12/02/2026 - 65AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
81	Upstream	65AX		



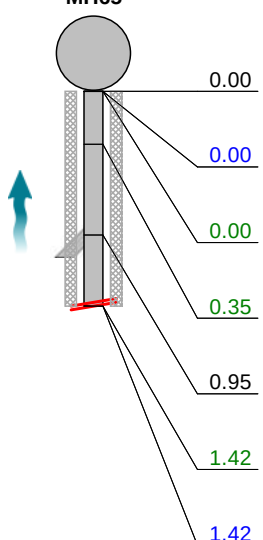
65AX_b0ba8ba5-bb55-4c29-a4eb-2899b26edf05_20260223_134718_267.jpg, 00:00:41, 5.91 m
Broken pipe at 12 o'clock

Section Inspection - 12/02/2026 - 65BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
82	1	12/02/26	12:07	Not Specified	Rain	No	65BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	65B
Road:	Langstone Technology Park	Inspected Length:	1.42 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.42 m	Downstream Node:	MH65
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div><div><div>Depth: m</div><div>MH65</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH65</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 15% of the vertical dimension</td><td>00:00:01</td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>Settled deposits, fine, 20% cross-sectional area loss, start</td><td>00:00:01</td><td>65BX_cc4 64784-8f3f -48e0-b57</td><td></td></tr><tr><td>0.35</td><td>RF</td><td>Roots, fine</td><td>00:00:06</td><td>65BX_6ca a402f-0d1 7-43a1-84</td><td>2</td></tr><tr><td>0.95</td><td>CN</td><td>Connection other than junction at 3 o'clock, 100mm dia</td><td>00:00:12</td><td>65BX_c4d 8bf0a-1ae a-42f5-ad1</td><td></td></tr><tr><td>1.42</td><td>F01</td><td>Settled deposits, fine, 35% cross-sectional area loss, finish</td><td>00:00:25</td><td></td><td>4</td></tr><tr><td>1.42</td><td>SA</td><td>Survey abandoned: 30% DES</td><td>00:00:26</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH65	00:00:00			0.00	WL	Water level, 15% of the vertical dimension	00:00:01			0.00	S01	Settled deposits, fine, 20% cross-sectional area loss, start	00:00:01	65BX_cc4 64784-8f3f -48e0-b57		0.35	RF	Roots, fine	00:00:06	65BX_6ca a402f-0d1 7-43a1-84	2	0.95	CN	Connection other than junction at 3 o'clock, 100mm dia	00:00:12	65BX_c4d 8bf0a-1ae a-42f5-ad1		1.42	F01	Settled deposits, fine, 35% cross-sectional area loss, finish	00:00:25		4	1.42	SA	Survey abandoned: 30% DES	00:00:26		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																		
0.00	MH	Start node, manhole, reference: MH65	00:00:00																																																				
0.00	WL	Water level, 15% of the vertical dimension	00:00:01																																																				
0.00	S01	Settled deposits, fine, 20% cross-sectional area loss, start	00:00:01	65BX_cc4 64784-8f3f -48e0-b57																																																			
0.35	RF	Roots, fine	00:00:06	65BX_6ca a402f-0d1 7-43a1-84	2																																																		
0.95	CN	Connection other than junction at 3 o'clock, 100mm dia	00:00:12	65BX_c4d 8bf0a-1ae a-42f5-ad1																																																			
1.42	F01	Settled deposits, fine, 35% cross-sectional area loss, finish	00:00:25		4																																																		
1.42	SA	Survey abandoned: 30% DES	00:00:26																																																				

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	2	6.0	7.7	11.0	5.0

Section Pictures - 12/02/2026 - 65BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
82	Upstream	65BX		



65BX_cc464784-8f3f-48e0-b571-1108eed4f1f5_20260223_134846_758.jpg, 00:00:01, 0.00 m
Settled deposits, fine, 20% cross-sectional area loss, start



65BX_6caa402f-0d17-43a1-84e7-f25ef14caea4_20260223_134908_595.jpg, 00:00:06, 0.35 m
Roots, fine



65BX_c4d8bf0a-1aea-42f5-ad13-460709ea9ac4_20260223_134947_099.jpg, 00:00:12, 0.95 m
Connection other than junction at 3 o'clock, 100mm dia

Section Inspection - 12/02/2026 - MH65X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
83	1	12/02/26	12:08	Not Specified	Rain	No	MH65X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH65
Road:	Langstone Technology Park	Inspected Length:	2.95 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	2.95 m	Downstream Node:	MH66
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH65</div> <div>0.00</div> <div>0.00</div> <div>2.95</div> <div>MH66</div> <div>Depth: m</div> </div>							
			MH	Start node, manhole, reference: MH65	00:00:00		
			WL	Water level, 5% of the vertical dimension	00:00:02		
			MHF	Finish node, manhole, reference: MH66	00:00:22		

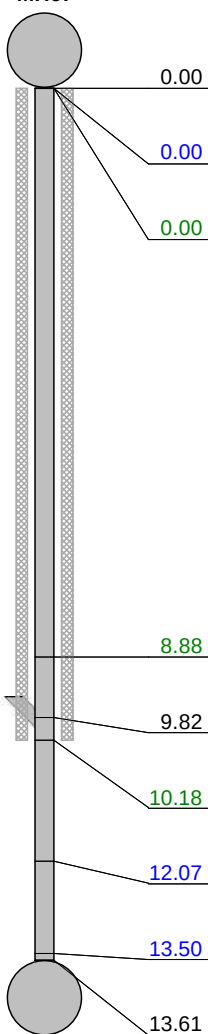
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 12/02/2026 - MH67X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
84	1	12/02/26	12:28	Not Specified	Rain	No	MH67X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH67
Road:	Langstone Technology Park	Inspected Length:	13.61 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	13.61 m	Downstream Node:	MH16
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:118	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH67</div>  </div> </div>							
		0.00	MH	Start node, manhole, reference: MH67	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		0.00	S01	DER Settled deposits, coarse, 10% cross-sectional area loss, start: STONES AND SILT	00:00:01	MH67X_e6423dbc-9058-4b13-	
		8.88	LL	Line deviates left: QUARTER	00:00:58		
		9.82	JN	Junction at 2 o'clock, 100mm dia	00:01:05	MH67X_0131ecd-fd-b81-4ce1-	
		10.18	F01	DER Settled deposits, coarse, 10% cross-sectional area loss, finish: STONES	00:01:10		3
		12.07	WL	Water level, 15% of the vertical dimension	00:01:24		
		13.50	WL	Water level, 5% of the vertical dimension	00:01:34		
		13.61	MHF	Finish node, manhole, reference: MH16	00:01:38		

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

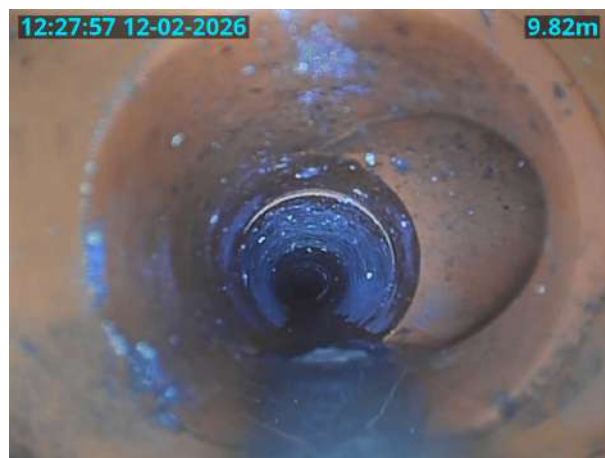
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	1.6	22.0	3.0

Section Pictures - 12/02/2026 - MH67X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
84	Downstream	MH67X		



MH67X_e6423dbc-9058-4b13-915d-2083dd1ee47e_20260223_135555_032.jpg, 00:00:01, 0.00 m
Settled deposits, coarse, 10% cross-sectional area loss, start, STONES AND SILT



MH67X_0131ecdf-db81-4ce1-8dcc-56755d7770bd_20260223_135858_788.jpg, 00:01:05, 9.82 m
Junction at 2 o'clock, 100mm dia

Section Inspection - 12/02/2026 - 67AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
85	1	12/02/26	12:30	Not Specified	Rain	No	67AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	67A
Road:	Langstone Technology Park	Inspected Length:	4.96 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	4.96 m	Downstream Node:	MH67
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH67</div> <div>0.00</div> <div>0.00</div> <div>0.00</div> <div>4.25</div> <div>4.37</div> <div>4.96</div> <div>67A</div> <div>Depth: m</div> </div> <div> <div>MH</div> <div>WL</div> <div>S01</div> <div>F01</div> <div>LU</div> <div>OCF</div> </div> <div> <div>Start node, manhole, reference: MH67</div> <div>Water level, 0% of the vertical dimension</div> <div>Settled deposits, coarse, 5% cross-sectional area loss, start</div> <div>Settled deposits, coarse, 10% cross-sectional area loss, finish</div> <div>Line deviates up: FULL</div> <div>Finish node, other special chamber, reference: 67A: CAPPED OFF</div> </div> <div> <div>00:00:00</div> <div>00:00:01</div> <div>00:00:01</div> <div>00:00:29</div> <div>00:00:30</div> <div>00:00:36</div> </div> <div> <div></div> <div></div> <div></div> <div>67AX_e71 2470a-26e 3-4134-b2</div> <div></div> <div>67AX_694 923d4-9b3 e-47ff-87b</div> </div> <div> <div></div> <div></div> <div></div> <div>3</div> <div></div> <div></div> </div> </div>							

Construction Features
Structural Defects
Miscellaneous Features
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	1	2.0	2.0	10.0	3.0

Section Pictures - 12/02/2026 - 67AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
85	Upstream	67AX		



67AX_e712470a-26e3-4134-b2d9-cdc196dac5e0_20260223_140250_670.jpg, 00:00:29, 4.25 m
Settled deposits, coarse, 10% cross-sectional area loss, finish



67AX_694923d4-9b3e-47ff-87b4-f1e0f30c1e9e_20260223_140410_886.jpg, 00:00:36, 4.96 m
Finish node, other special chamber, reference: 67A, CAPPED OFF

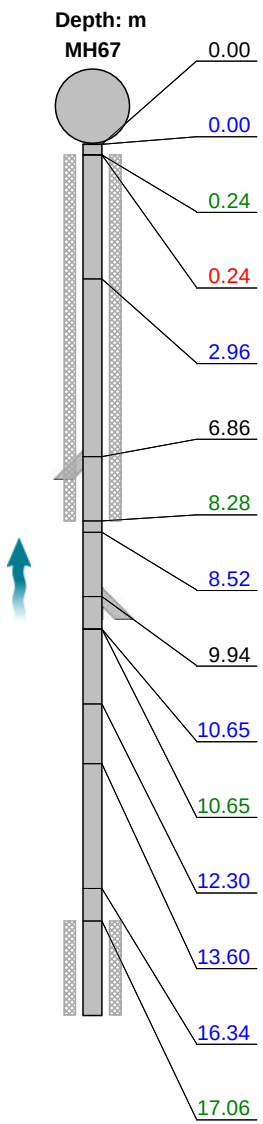
Section Inspection - 12/02/2026 - 67BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
86	1	12/02/26	12:33	Not Specified	Rain	No	67BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	67B
Road:	Langstone Tecnology Park	Inspected Length:	21.19 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	21.19 m	Downstream Node:	MH67
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:166	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m 							
		0.00	MH	Start node, manhole, reference: MH67	00:00:00		
		0.00	WL	Water level, 30% of the vertical dimension	00:00:04		
		0.24	S01	DES Settled deposits, fine, 15% cross-sectional area loss, start	00:00:04		
		0.24	JDM	Joint displaced, medium	00:00:04		1 / 3
		2.96	WL	Water level, 10% of the vertical dimension	00:00:23		
		6.86	JN	Junction at 2 o'clock, 100mm dia	00:00:46		
		8.28	F01	DES Settled deposits, fine, 15% cross-sectional area loss, finish	00:00:55		3
		8.52	WL	Water level, 0% of the vertical dimension	00:00:56		
		9.94	JN	Junction at 10 o'clock, 100mm dia	00:01:06		
		10.65	WL	Water level, 5% of the vertical dimension	00:01:11		
		10.65	DES	Settled deposits, fine, 5% cross-sectional area loss	00:01:13	67BX_d06 e8542-cad b-4520-88	3
		12.30	WL	Water level, 15% of the vertical dimension	00:01:21		
		13.60	WL	Water level, 0% of the vertical dimension	00:01:30		
		16.34	WL	Water level, 5% of the vertical dimension	00:01:47		
		17.06	S02	DES Settled deposits, fine, 5% cross-sectional area loss, start	00:01:53	67BX_aca 055ae-d6f 4-47a0-ad	

Section Inspection - 12/02/2026 - 67BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
86	1	12/02/26	12:33	Not Specified	Rain	No	67BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Scale:1:166

Position [m]

Code

Observation

MPEG

Photo

Grade

21.19

SA

Survey abandoned: PIPE CONCRETE CAPPED

00:02:20

21.19

F02

DES

Settled deposits, fine, 5% cross-sectional area loss, finish

00:02:20

3

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

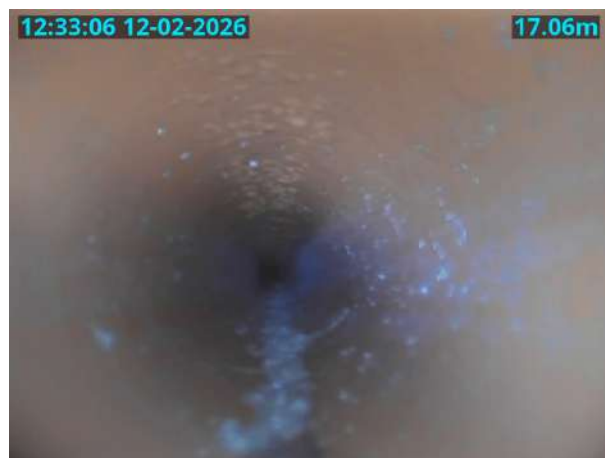
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.0	1.0	1.0	4	4.0	1.5	32.0	3.0

Section Pictures - 12/02/2026 - 67BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
86	Upstream	67BX		



67BX_d06e8542-cadb-4520-8807-97cf7d1b7d27_20260223_140759_394.jpg, 00:01:13, 10.65 m
Settled deposits, fine, 5% cross-sectional area loss



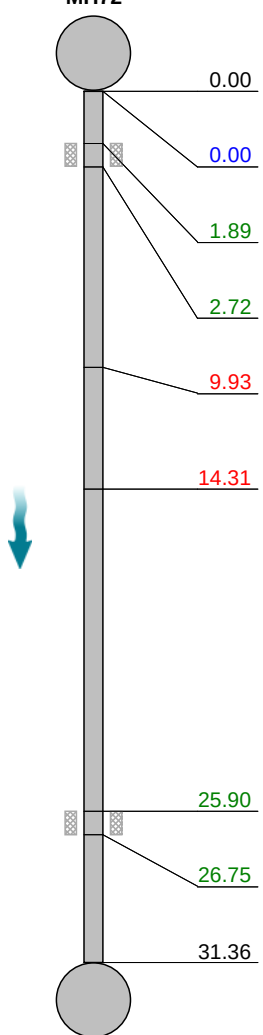
67BX_aca055ae-d6f4-47a0-adba-0a7cf70847c0_20260223_140922_990.jpg, 00:01:53, 17.06 m
Settled deposits, fine, 5% cross-sectional area loss, start

Section Inspection - 12/02/2026 - MH72X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
87	1	12/02/26	12:56	Not Specified	Rain	No	MH72X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH72
Road:	Langstone Technology Park	Inspected Length:	31.36 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	31.36 m	Downstream Node:	MH73
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:272	Position [m]	Code	Observation	MPEG	Photo	Grade																																																												
<div><div><div>Depth: m</div><div>MH72</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH72</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:02</td><td></td><td></td></tr><tr><td>1.89</td><td>S01</td><td>Settled deposits, fine, 5% cross-sectional area loss, start</td><td>00:00:19</td><td>MH72X_c1 071194-29 da-4955-a</td><td></td></tr><tr><td>2.72</td><td>F01</td><td>Settled deposits, fine, 5% cross-sectional area loss, finish</td><td>00:00:25</td><td></td><td>3</td></tr><tr><td>9.93</td><td>CC</td><td>Crack, circumferential from 5 o'clock to 11 o'clock</td><td>00:01:03</td><td></td><td>2 / 2</td></tr><tr><td>14.31</td><td>CL</td><td>Crack, longitudinal at 9 o'clock</td><td>00:01:25</td><td>MH72X_5f 7bf511-1f5 d-40f5-87d</td><td>2 / 2</td></tr><tr><td>25.90</td><td>S02</td><td>Settled deposits, fine, 5% cross-sectional area loss, start</td><td>00:02:27</td><td></td><td></td></tr><tr><td>26.75</td><td>F02</td><td>Settled deposits, fine, 5% cross-sectional area loss, finish</td><td>00:02:33</td><td></td><td>3</td></tr><tr><td>31.36</td><td>MHF</td><td>Finish node, manhole, reference: MH73</td><td>00:03:01</td><td></td><td></td></tr></table><div><div>MH73</div><div>Depth: m</div></div></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH72	00:00:00			0.00	WL	Water level, 5% of the vertical dimension	00:00:02			1.89	S01	Settled deposits, fine, 5% cross-sectional area loss, start	00:00:19	MH72X_c1 071194-29 da-4955-a		2.72	F01	Settled deposits, fine, 5% cross-sectional area loss, finish	00:00:25		3	9.93	CC	Crack, circumferential from 5 o'clock to 11 o'clock	00:01:03		2 / 2	14.31	CL	Crack, longitudinal at 9 o'clock	00:01:25	MH72X_5f 7bf511-1f5 d-40f5-87d	2 / 2	25.90	S02	Settled deposits, fine, 5% cross-sectional area loss, start	00:02:27			26.75	F02	Settled deposits, fine, 5% cross-sectional area loss, finish	00:02:33		3	31.36	MHF	Finish node, manhole, reference: MH73	00:03:01		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																														
0.00	MH	Start node, manhole, reference: MH72	00:00:00																																																																
0.00	WL	Water level, 5% of the vertical dimension	00:00:02																																																																
1.89	S01	Settled deposits, fine, 5% cross-sectional area loss, start	00:00:19	MH72X_c1 071194-29 da-4955-a																																																															
2.72	F01	Settled deposits, fine, 5% cross-sectional area loss, finish	00:00:25		3																																																														
9.93	CC	Crack, circumferential from 5 o'clock to 11 o'clock	00:01:03		2 / 2																																																														
14.31	CL	Crack, longitudinal at 9 o'clock	00:01:25	MH72X_5f 7bf511-1f5 d-40f5-87d	2 / 2																																																														
25.90	S02	Settled deposits, fine, 5% cross-sectional area loss, start	00:02:27																																																																
26.75	F02	Settled deposits, fine, 5% cross-sectional area loss, finish	00:02:33		3																																																														
31.36	MHF	Finish node, manhole, reference: MH73	00:03:01																																																																

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	10.0	0.6	20.0	2.0	4	2.0	0.2	6.0	3.0

Section Pictures - 12/02/2026 - MH72X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
87	Downstream	MH72X		



MH72X_c1071194-29da-4955-a7d5-f5be990bfeba_20260223_141356_370.jpg, 00:00:19, 1.89 m
Settled deposits, fine, 5% cross-sectional area loss, start



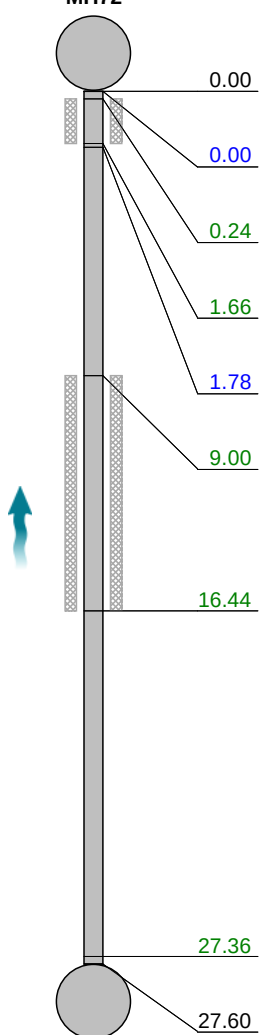
MH72X_5f7bf511-1f5d-40f5-87d9-1c871739e7cf_20260223_141551_135.jpg, 00:01:25, 14.31 m
Crack, longitudinal at 9 o'clock

Section Inspection - 12/02/2026 - 72AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
88	1	12/02/26	13:01	Not Specified	Rain	No	72AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	72A
Road:	Langstone Tecnology Park	Inspected Length:	27.60 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	27.60 m	Downstream Node:	MH72
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:239	Position [m]	Code	Observation	MPEG	Photo	Grade																																																												
<div><div><div>Depth: m</div><div>MH72</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH72</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:00:03</td><td></td><td></td></tr><tr><td>0.24</td><td>S01</td><td>Settled deposits, coarse, 15% cross-sectional area loss, start</td><td>00:00:05</td><td>72AX_5d567ff4-7933-4304-9a1</td><td></td></tr><tr><td>1.66</td><td>F01</td><td>Settled deposits, coarse, 15% cross-sectional area loss, finish</td><td>00:00:15</td><td></td><td>3</td></tr><tr><td>1.78</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:16</td><td></td><td></td></tr><tr><td>9.00</td><td>S02</td><td>Settled deposits, fine, 5% cross-sectional area loss, start</td><td>00:00:57</td><td></td><td></td></tr><tr><td>16.44</td><td>F02</td><td>Settled deposits, fine, 5% cross-sectional area loss, finish</td><td>00:01:38</td><td></td><td>3</td></tr><tr><td>27.36</td><td>LR</td><td>Line deviates right: QUARTER</td><td>00:02:48</td><td></td><td></td></tr><tr><td>27.60</td><td>GYF</td><td>Finish node, gully, reference: 72A</td><td>00:02:54</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH72	00:00:00			0.00	WL	Water level, 10% of the vertical dimension	00:00:03			0.24	S01	Settled deposits, coarse, 15% cross-sectional area loss, start	00:00:05	72AX_5d567ff4-7933-4304-9a1		1.66	F01	Settled deposits, coarse, 15% cross-sectional area loss, finish	00:00:15		3	1.78	WL	Water level, 5% of the vertical dimension	00:00:16			9.00	S02	Settled deposits, fine, 5% cross-sectional area loss, start	00:00:57			16.44	F02	Settled deposits, fine, 5% cross-sectional area loss, finish	00:01:38		3	27.36	LR	Line deviates right: QUARTER	00:02:48			27.60	GYF	Finish node, gully, reference: 72A	00:02:54		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																														
0.00	MH	Start node, manhole, reference: MH72	00:00:00																																																																
0.00	WL	Water level, 10% of the vertical dimension	00:00:03																																																																
0.24	S01	Settled deposits, coarse, 15% cross-sectional area loss, start	00:00:05	72AX_5d567ff4-7933-4304-9a1																																																															
1.66	F01	Settled deposits, coarse, 15% cross-sectional area loss, finish	00:00:15		3																																																														
1.78	WL	Water level, 5% of the vertical dimension	00:00:16																																																																
9.00	S02	Settled deposits, fine, 5% cross-sectional area loss, start	00:00:57																																																																
16.44	F02	Settled deposits, fine, 5% cross-sectional area loss, finish	00:01:38		3																																																														
27.36	LR	Line deviates right: QUARTER	00:02:48																																																																
27.60	GYF	Finish node, gully, reference: 72A	00:02:54																																																																
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	2	2.0	0.7	20.0	3.0																																																										

Section Pictures - 12/02/2026 - 72AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
88	Upstream	72AX		



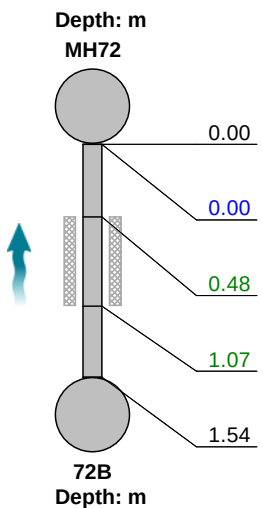
72AX_5d567ff4-7933-4304-9a13-235b05de925e_20260223_1
42422_704.jpg, 00:00:05, 0.24 m
Settled deposits, coarse, 15% cross-sectional area loss, start

Section Inspection - 12/02/2026 - 72BX

Item No. 89	Insp. No. 1	Date 12/02/26	Time 13:03	Client's Job Ref Not Specified	Weather Rain	Pre Cleaned No	PLR 72BX
Operator PR		Vehicle YK71 FDU		Camera Forward View	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	72B
Road:	Langstone Technology Park	Inspected Length:	1.54 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.54 m	Downstream Node:	MH72
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH72	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		0.48	S01	Line deviates up, start: QUARTER	00:00:12		
		1.07	F01	Line deviates up, finish: QUARTER	00:00:20		
		1.54	GYF	Finish node, gully, reference: 72B	00:00:28		

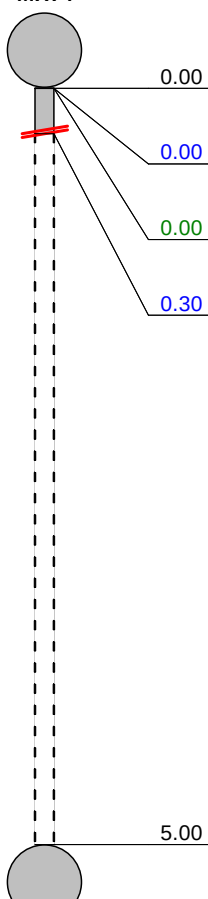
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 12/02/2026 - 74AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
90	1	12/02/26	13:30	Not Specified	Rain	No	74AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	74A
Road:	Langstone Tecnology Park	Inspected Length:	0.30 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	5.00 m	Downstream Node:	MH74
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

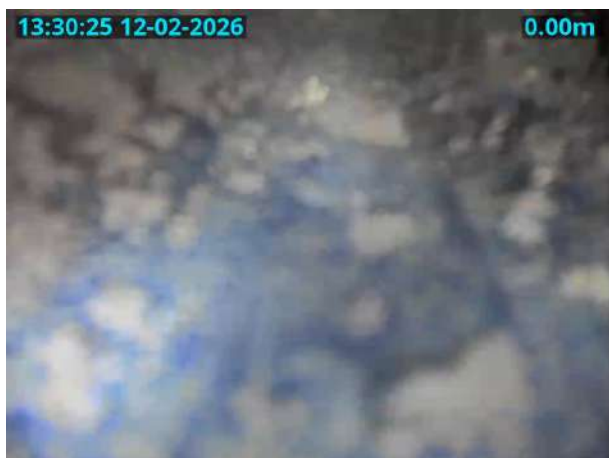
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH74</div>  </div> <div> <div>0.00</div> <div>MH</div> <div>Start node, manhole, reference: MH74</div> <div>00:00:00</div> </div> <div> <div>0.00</div> <div>WL</div> <div>Water level, 0% of the vertical dimension</div> <div>00:00:17</div> </div> <div> <div>0.00</div> <div>DES</div> <div>Settled deposits, fine, 35% cross-sectional area loss</div> <div>00:00:17</div> <div>74AX_372 b5dbf-f9cf- 4af8-9195-</div> <div>4</div> </div> <div> <div>0.30</div> <div>SA</div> <div>Survey abandoned: DES 40%</div> <div>00:00:28</div> </div> <div> <div>5.00</div> <div>End of pipe</div> </div> <div> <div>74A</div> <div>Depth: m</div> </div> </div>							

Construction Features
Structural Defects
Miscellaneous Features
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	1	5.0	1.0	5.0	4.0

Section Pictures - 12/02/2026 - 74AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
90	Upstream	74AX		



74AX_372b5dbf-f9cf-4af8-9195-d83364a10624_20260223_143916_686.jpg, 00:00:17, 0.00 m
Settled deposits, fine, 35% cross-sectional area loss



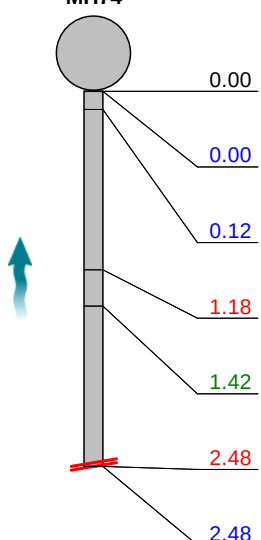
74AX_78c8c9e3-c7b2-4bf7-9723-678fc35ca4e8_20260223_143922_303.jpg, 00:00:17, 0.00 m
Settled deposits, fine, 35% cross-sectional area loss

Section Inspection - 12/02/2026 - 74CX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
91	1	12/02/26	13:32	Not Specified	Rain	No	74CX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	74C
Road:	Langstone Technology Park	Inspected Length:	2.48 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	2.48 m	Downstream Node:	MH74
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div><div><div>Depth: m</div><div>MH74</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH74</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:00:02</td><td></td><td></td></tr><tr><td>0.12</td><td>WL</td><td>Water level, 50% of the vertical dimension</td><td>00:00:03</td><td></td><td></td></tr><tr><td>1.18</td><td>D</td><td>Deformed sewer or drain, 10%</td><td>00:00:09</td><td>74CX_0a3 ddfd2-5c0 1-43a4-95</td><td>2 / 3</td></tr><tr><td>1.42</td><td>DER</td><td>Settled deposits, coarse, 10% cross-sectional area loss</td><td>00:00:11</td><td>74CX_bf3 e348a-2be b-416e-b6</td><td>3</td></tr><tr><td>2.48</td><td>D</td><td>Deformed sewer or drain, 80%: SQUASHED PIPE</td><td>00:00:21</td><td>74CX_bd5 52570-be2 5-4d06-bc</td><td>5 / 5</td></tr><tr><td>2.48</td><td>SA</td><td>Survey abandoned: SQUASHED PIPE 80%</td><td>00:00:21</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH74	00:00:00			0.00	WL	Water level, 20% of the vertical dimension	00:00:02			0.12	WL	Water level, 50% of the vertical dimension	00:00:03			1.18	D	Deformed sewer or drain, 10%	00:00:09	74CX_0a3 ddfd2-5c0 1-43a4-95	2 / 3	1.42	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:11	74CX_bf3 e348a-2be b-416e-b6	3	2.48	D	Deformed sewer or drain, 80%: SQUASHED PIPE	00:00:21	74CX_bd5 52570-be2 5-4d06-bc	5 / 5	2.48	SA	Survey abandoned: SQUASHED PIPE 80%	00:00:21		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																		
0.00	MH	Start node, manhole, reference: MH74	00:00:00																																																				
0.00	WL	Water level, 20% of the vertical dimension	00:00:02																																																				
0.12	WL	Water level, 50% of the vertical dimension	00:00:03																																																				
1.18	D	Deformed sewer or drain, 10%	00:00:09	74CX_0a3 ddfd2-5c0 1-43a4-95	2 / 3																																																		
1.42	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:11	74CX_bf3 e348a-2be b-416e-b6	3																																																		
2.48	D	Deformed sewer or drain, 80%: SQUASHED PIPE	00:00:21	74CX_bd5 52570-be2 5-4d06-bc	5 / 5																																																		
2.48	SA	Survey abandoned: SQUASHED PIPE 80%	00:00:21																																																				

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	165.0	74.6	185.0	5.0	3	10.0	5.6	14.0	5.0

Section Pictures - 12/02/2026 - 74CX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
91	Upstream	74CX		



74CX_0a3ddfd2-5c01-43a4-95a6-6f60dc623085_20260223_150152_097.jpg, 00:00:09, 1.18 m
Deformed sewer or drain, 10%



74CX_bf3e348a-2beb-416e-b662-05e4b08a42e7_20260223_150208_702.jpg, 00:00:11, 1.42 m
Settled deposits, coarse, 10% cross-sectional area loss



74CX_bd552570-be25-4d06-bce7-7bfd50653d20_20260223_150247_979.jpg, 00:00:21, 2.48 m
Deformed sewer or drain, 80%, SQUASHED PIPE

Section Inspection - 12/02/2026 - 74DX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
92	1	12/02/26	13:33	Not Specified	Rain	No	74DX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	74D
Road:	Langstone Tecnology Park	Inspected Length:	6.03 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.03 m	Downstream Node:	MH74
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

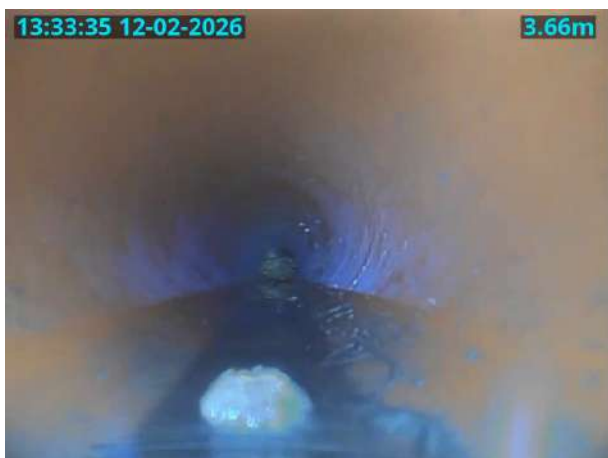
Scale:	1:53	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH74</div> <div>0.00</div> <div>0.00</div> <div>1.77</div> <div>3.66</div> <div>5.00</div> <div>5.56</div> <div>5.56</div> <div>6.03</div> <div>74D</div> <div>Depth: m</div> </div> <div> <div>MH</div> <div>WL</div> <div>LR</div> <div>DER</div> <div>RF</div> <div>B</div> <div>DER</div> <div>XP</div> <div>REM</div> </div> <div> <div>Start node, manhole, reference: MH74</div> <div>Water level, 5% of the vertical dimension</div> <div>Line deviates right: QUARTER</div> <div>Settled deposits, coarse, 5% cross-sectional area loss: STONE</div> <div>Roots, fine</div> <div>Broken pipe at 11 o'clock: BROKEN PIPE</div> <div>Settled deposits, coarse, 60% cross-sectional area loss: BACKFILL MATERIAL FROM BROKEN PIPE</div> <div>Collapsed drain or sewer, 80% cross-sectional area loss</div> <div>General remark: BROKEN PIPE</div> </div> <div> <div>00:00:00</div> <div>00:00:04</div> <div>00:00:12</div> <div>00:00:26</div> <div>00:00:36</div> <div>00:00:38</div> <div>00:00:38</div> <div>00:00:43</div> <div>00:00:43</div> </div> <div> <div></div> <div></div> <div></div> <div>74DX_9c4 7c505-792 4-451b-8c</div> <div></div> <div></div> <div>74DX_9fa 2def1-c8c 0-4fd5-951</div> <div></div> <div>74DX_db1 96198-84f 0-4db0-91</div> </div> </div>							

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	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 12/02/2026 - 74DX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
92	Upstream	74DX		



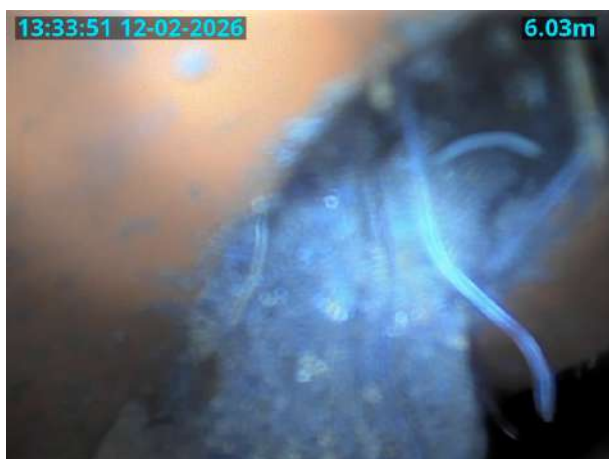
74DX_9c47c505-7924-451b-8c78-6d648c967534_20260223_151013_018.jpg, 00:00:26, 3.66 m

Settled deposits, coarse, 5% cross-sectional area loss, STONE



74DX_9fa2def1-c8c0-4fd5-951e-92aeaec78030_20260223_151127_907.jpg, 00:00:38, 5.56 m

Settled deposits, coarse, 60% cross-sectional area loss, BACKFILL MATERIAL FROM BROKEN PIPE



74DX_db196198-84f0-4db0-91ce-a923eef0d18e_20260223_151213_461.jpg, 00:00:43, 6.03 m

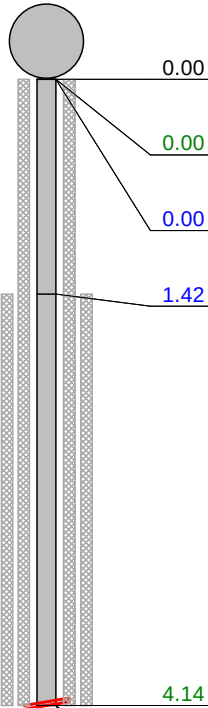
General remark, BROKEN PIPE

Section Inspection - 12/02/2026 - GY30X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
93	1	12/02/26	13:57	Not Specified	Rain	No	GY30X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	GY30
Road:	Langstone Technology Park	Inspected Length:	4.14 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	4.14 m	Downstream Node:	30X
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div><div><div>Depth: m</div><div>GY30</div></div><table><tr><td>0.00</td><td>GY</td><td></td><td>Start node, gully, reference: GY30</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>DES</td><td>Settled deposits, fine, 20% cross-sectional area loss, start</td><td>00:00:01</td><td>GY30X_78 ef184c-6b 03-44f7-97</td><td></td></tr><tr><td>0.00</td><td>WL</td><td></td><td>Water level, 5% of the vertical dimension</td><td>00:00:06</td><td></td><td></td></tr><tr><td>1.42</td><td>S02</td><td>CUD</td><td>Loss of vision, silt, start</td><td>00:00:14</td><td></td><td></td></tr><tr><td>4.14</td><td>F01</td><td>DES</td><td>Settled deposits, fine, 20% cross-sectional area loss, finish</td><td>00:00:32</td><td></td><td>4</td></tr><tr><td>4.14</td><td>F02</td><td>CUD</td><td>Loss of vision, silt, finish</td><td>00:00:32</td><td></td><td></td></tr><tr><td>4.14</td><td>SA</td><td></td><td>Survey abandoned: DES 30%</td><td>00:00:32</td><td></td><td></td></tr></table></div>								0.00	GY		Start node, gully, reference: GY30	00:00:00			0.00	S01	DES	Settled deposits, fine, 20% cross-sectional area loss, start	00:00:01	GY30X_78 ef184c-6b 03-44f7-97		0.00	WL		Water level, 5% of the vertical dimension	00:00:06			1.42	S02	CUD	Loss of vision, silt, start	00:00:14			4.14	F01	DES	Settled deposits, fine, 20% cross-sectional area loss, finish	00:00:32		4	4.14	F02	CUD	Loss of vision, silt, finish	00:00:32			4.14	SA		Survey abandoned: DES 30%	00:00:32		
0.00	GY		Start node, gully, reference: GY30	00:00:00																																																				
0.00	S01	DES	Settled deposits, fine, 20% cross-sectional area loss, start	00:00:01	GY30X_78 ef184c-6b 03-44f7-97																																																			
0.00	WL		Water level, 5% of the vertical dimension	00:00:06																																																				
1.42	S02	CUD	Loss of vision, silt, start	00:00:14																																																				
4.14	F01	DES	Settled deposits, fine, 20% cross-sectional area loss, finish	00:00:32		4																																																		
4.14	F02	CUD	Loss of vision, silt, finish	00:00:32																																																				
4.14	SA		Survey abandoned: DES 30%	00:00:32																																																				

Construction Features
Structural Defects
Miscellaneous Features
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	1	5.0	6.0	25.0	5.0

Section Pictures - 12/02/2026 - GY30X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
93	Downstream	GY30X		



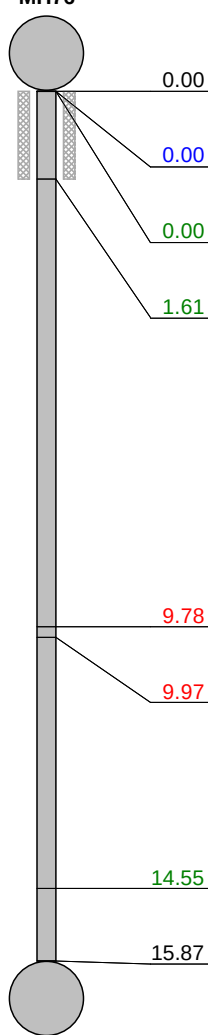
GY30X_78ef184c-6b03-44f7-971c-f21d360c2085_20260223_152016_732.jpg, 00:00:01, 0.00 m
Settled deposits, fine, 20% cross-sectional area loss, start

Section Inspection - 12/02/2026 - MH77X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
94	1	12/02/26	14:24	Not Specified	Rain	No	MH77X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH77
Road:	Langstone Technology Park	Inspected Length:	15.87 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	15.87 m	Downstream Node:	MH76
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:138	Position [m]	Code	Observation	MPEG	Photo	Grade																																																						
<div><div><div>Depth: m</div><div>MH76</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH76</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:05</td><td></td><td></td></tr><tr><td>0.00</td><td>S01</td><td>DER Settled deposits, coarse, 5% cross-sectional area loss, start</td><td>00:00:06</td><td></td><td></td></tr><tr><td>1.61</td><td>F01</td><td>DER Settled deposits, coarse, 5% cross-sectional area loss, finish</td><td>00:00:49</td><td></td><td>3</td></tr><tr><td>9.78</td><td>CM</td><td>Cracks, multiple from 12 o'clock to 12 o'clock</td><td>00:01:46</td><td>MH77X_8 62cbb0e-d 4d0-42e5-</td><td>3 / 2</td></tr><tr><td>9.97</td><td>FC</td><td>Fracture, circumferential from 5 o'clock to 8 o'clock</td><td>00:01:48</td><td></td><td>3 / 2</td></tr><tr><td>14.55</td><td>DES</td><td>Settled deposits, fine, 15% cross-sectional area loss: DEBRIS BUILD UP IN MANHOLE</td><td>00:02:34</td><td>MH77X_8 bdec740-7 ab5-4919-</td><td>3</td></tr><tr><td>15.87</td><td>MHF</td><td>Finish node, manhole, reference: MH77</td><td>00:03:00</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH76	00:00:00			0.00	WL	Water level, 5% of the vertical dimension	00:00:05			0.00	S01	DER Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:06			1.61	F01	DER Settled deposits, coarse, 5% cross-sectional area loss, finish	00:00:49		3	9.78	CM	Cracks, multiple from 12 o'clock to 12 o'clock	00:01:46	MH77X_8 62cbb0e-d 4d0-42e5-	3 / 2	9.97	FC	Fracture, circumferential from 5 o'clock to 8 o'clock	00:01:48		3 / 2	14.55	DES	Settled deposits, fine, 15% cross-sectional area loss: DEBRIS BUILD UP IN MANHOLE	00:02:34	MH77X_8 bdec740-7 ab5-4919-	3	15.87	MHF	Finish node, manhole, reference: MH77	00:03:00		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																								
0.00	MH	Start node, manhole, reference: MH76	00:00:00																																																										
0.00	WL	Water level, 5% of the vertical dimension	00:00:05																																																										
0.00	S01	DER Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:06																																																										
1.61	F01	DER Settled deposits, coarse, 5% cross-sectional area loss, finish	00:00:49		3																																																								
9.78	CM	Cracks, multiple from 12 o'clock to 12 o'clock	00:01:46	MH77X_8 62cbb0e-d 4d0-42e5-	3 / 2																																																								
9.97	FC	Fracture, circumferential from 5 o'clock to 8 o'clock	00:01:48		3 / 2																																																								
14.55	DES	Settled deposits, fine, 15% cross-sectional area loss: DEBRIS BUILD UP IN MANHOLE	00:02:34	MH77X_8 bdec740-7 ab5-4919-	3																																																								
15.87	MHF	Finish node, manhole, reference: MH77	00:03:00																																																										
<div><div><div>Depth: m</div><div>MH77</div></div></div>																																																													

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	80.0	5.0	80.0	3.0	4	2.0	0.5	8.0	3.0

Section Pictures - 12/02/2026 - MH77X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
94	Upstream	MH77X		



MH77X_862cbb0e-d4d0-42e5-bf4e-b5bfd886099d_20260223_152521_276.jpg, 00:01:46, 9.78 m
Cracks, multiple from 12 o'clock to 12 o'clock



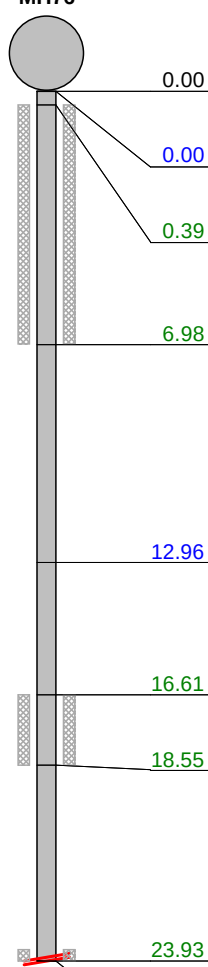
MH77X_8bdec740-7ab5-4919-9999-e70e024a8245_20260223_152625_484.jpg, 00:02:34, 14.55 m
Settled deposits, fine, 15% cross-sectional area loss, DEBRIS BUILD UP IN MANHOLE

Section Inspection - 12/02/2026 - MH25X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
95	1	12/02/26	14:37	Not Specified	Rain	No	MH25X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	MH25
Road:	Langstone Technology Park	Inspected Length:	23.93 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	23.93 m	Downstream Node:	MH76
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:208	Position [m]	Code	Observation	MPEG	Photo	Grade																																																												
<div><div><div>Depth: m</div><div>MH76</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th><th>Photo</th><th>Grade</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH76</td><td>00:00:00</td><td></td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:00:02</td><td>MH25X_2 da6c5a3-7 30b-4cc3-</td><td></td></tr><tr><td>0.39</td><td>S01</td><td>DER Settled deposits, coarse, 10% cross-sectional area loss, start</td><td>00:00:08</td><td></td><td></td></tr><tr><td>6.98</td><td>F01</td><td>DER Settled deposits, coarse, 10% cross-sectional area loss, finish</td><td>00:00:43</td><td>MH25X_6 9069a43-4 ba9-4455-</td><td>3</td></tr><tr><td>12.96</td><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:01:08</td><td></td><td></td></tr><tr><td>16.61</td><td>S02</td><td>DES Settled deposits, fine, 10% cross-sectional area loss, start</td><td>00:01:23</td><td>MH25X_4 aee4e54-6 064-4f62-9</td><td></td></tr><tr><td>18.55</td><td>F02</td><td>DES Settled deposits, fine, 10% cross-sectional area loss, finish</td><td>00:01:31</td><td></td><td>3</td></tr><tr><td>23.93</td><td>C03</td><td>DER Settled deposits, coarse, 20% cross-sectional area loss, change: LARGE STONE</td><td>00:01:36</td><td>MH25X_8 dbbfc4-b 1cd-42b9-</td><td></td></tr><tr><td>23.93</td><td>SA</td><td>Survey abandoned: LARGE STONE</td><td>00:02:56</td><td></td><td></td></tr></table></div>								Position [m]	Code	Observation	MPEG	Photo	Grade	0.00	MH	Start node, manhole, reference: MH76	00:00:00			0.00	WL	Water level, 20% of the vertical dimension	00:00:02	MH25X_2 da6c5a3-7 30b-4cc3-		0.39	S01	DER Settled deposits, coarse, 10% cross-sectional area loss, start	00:00:08			6.98	F01	DER Settled deposits, coarse, 10% cross-sectional area loss, finish	00:00:43	MH25X_6 9069a43-4 ba9-4455-	3	12.96	WL	Water level, 10% of the vertical dimension	00:01:08			16.61	S02	DES Settled deposits, fine, 10% cross-sectional area loss, start	00:01:23	MH25X_4 aee4e54-6 064-4f62-9		18.55	F02	DES Settled deposits, fine, 10% cross-sectional area loss, finish	00:01:31		3	23.93	C03	DER Settled deposits, coarse, 20% cross-sectional area loss, change: LARGE STONE	00:01:36	MH25X_8 dbbfc4-b 1cd-42b9-		23.93	SA	Survey abandoned: LARGE STONE	00:02:56		
Position [m]	Code	Observation	MPEG	Photo	Grade																																																														
0.00	MH	Start node, manhole, reference: MH76	00:00:00																																																																
0.00	WL	Water level, 20% of the vertical dimension	00:00:02	MH25X_2 da6c5a3-7 30b-4cc3-																																																															
0.39	S01	DER Settled deposits, coarse, 10% cross-sectional area loss, start	00:00:08																																																																
6.98	F01	DER Settled deposits, coarse, 10% cross-sectional area loss, finish	00:00:43	MH25X_6 9069a43-4 ba9-4455-	3																																																														
12.96	WL	Water level, 10% of the vertical dimension	00:01:08																																																																
16.61	S02	DES Settled deposits, fine, 10% cross-sectional area loss, start	00:01:23	MH25X_4 aee4e54-6 064-4f62-9																																																															
18.55	F02	DES Settled deposits, fine, 10% cross-sectional area loss, finish	00:01:31		3																																																														
23.93	C03	DER Settled deposits, coarse, 20% cross-sectional area loss, change: LARGE STONE	00:01:36	MH25X_8 dbbfc4-b 1cd-42b9-																																																															
23.93	SA	Survey abandoned: LARGE STONE	00:02:56																																																																

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	2	2.0	0.8	18.0	3.0

Section Pictures - 12/02/2026 - MH25X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
95	Upstream	MH25X		



MH25X_2da6c5a3-730b-4cc3-b4b5-558836f9e6de_20260223_153151_181.jpg, 00:00:02, 0.00 m
Water level, 20% of the vertical dimension



MH25X_69069a43-4ba9-4455-8549-41131022f3ba_20260223_153256_801.jpg, 00:00:43, 6.98 m
Settled deposits, coarse, 10% cross-sectional area loss, finish



MH25X_4aee4e54-6064-4f62-9aa3-2db974a143af_20260223_153356_347.jpg, 00:01:23, 16.61 m
Settled deposits, fine, 10% cross-sectional area loss, start



MH25X_8dbbfdc4-b1cd-42b9-8592-dfeec2f6ace1_20260223_153441_311.jpg, 00:01:36, 23.93 m
Settled deposits, coarse, 20% cross-sectional area loss, change, LARGE STONE

Section Pictures - 12/02/2026 - MH25X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
95	Upstream	MH25X		



MH25X_9838f1f9-094c-47cc-9e38-5bdfc7f75e6e_20260223_1
53549_810.jpg, 00:01:36, 23.93 m
Settled deposits, coarse, 20% cross-sectional area loss,
change, LARGE STONE

Section Pictures - 12/02/2026 - MH76X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
96	Downstream	MH76X		



MH76X_fd8ccc54-4fd8-42fe-8163-c02797994899_20260223_154041_077.jpg, 00:01:12, 10.44 m
Settled deposits, coarse, 15% cross-sectional area loss



MH76X_52cbf0c5-166a-4477-96cd-043014f41dee_20260223_154115_591.jpg, 00:01:42, 15.25 m
Settled deposits, coarse, 10% cross-sectional area loss, start

Section Inspection - 12/02/2026 - MH78X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
97	1	12/02/26	14:48	Not Specified	Rain	No	MH78X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH78
Road:	Langstone Technology Park	Inspected Length:	47.73 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	47.73 m	Downstream Node:	MH79
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:414	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: m</div> <div>MH78</div> <div>0.00</div> <div>0.00</div> <div>0.00</div> <div>1.51</div> <div>2.90</div> <div>5.58</div> <div>7.71</div> <div>17.07</div> <div>23.09</div> <div>23.09</div> <div>29.12</div> <div>34.01</div> <div>38.77</div> <div>42.85</div> <div>MH79</div> <div>Depth: m</div> </div> <div> <div>0.00</div> <div>0.00</div> <div>0.00</div> <div>1.51</div> <div>2.90</div> <div>5.58</div> <div>7.71</div> <div>17.07</div> <div>23.09</div> <div>23.09</div> <div>29.12</div> <div>34.01</div> <div>38.77</div> <div>42.85</div> <div>47.73</div> </div> </div>						
	0.00	MH	Start node, manhole, reference: MH78	00:00:00		
	0.00	WL	Water level, 15% of the vertical dimension	00:00:11		
	0.00	S01	DER Settled deposits, coarse, 10% cross-sectional area loss, start	00:00:11	MH78X_3 9fa71cf-9a b2-4099-a	
	1.51	CN	Connection other than junction at 11 o'clock, 100mm dia	00:00:14		
	2.90	F01	DER Settled deposits, coarse, 10% cross-sectional area loss, finish	00:00:29		3
	5.58	S02	DER Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:44		
	7.71	WL	Water level, 30% of the vertical dimension	00:00:55		
	17.07	CN	Connection other than junction at 11 o'clock, 100mm dia	00:01:28		
	23.09	F02	DER Settled deposits, coarse, 5% cross-sectional area loss, finish	00:02:47		3
	23.09	WL	Water level, 10% of the vertical dimension	00:02:47		
	29.12	WL	Water level, 5% of the vertical dimension	00:03:03		
	34.01	WL	Water level, 20% of the vertical dimension	00:03:14		
	38.77	WL	Water level, 5% of the vertical dimension	00:03:26		
	42.85	WL	Water level, 15% of the vertical dimension	00:03:35		
	47.73	MHF	Finish node, manhole, reference: MH79	00:03:55		

Construction Features
Structural Defects
Miscellaneous Features
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	2	2.0	0.9	42.0	3.0

Section Pictures - 12/02/2026 - MH78X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
97	Downstream	MH78X		



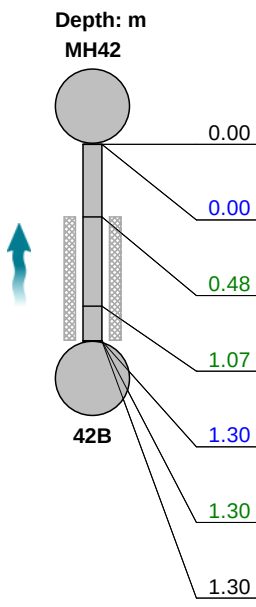
MH78X_39fa71cf-9ab2-4099-a4e1-105265ceb767_20260223_154432_527.jpg, 00:00:11, 0.00 m
Settled deposits, coarse, 10% cross-sectional area loss, start

Section Inspection - 12/02/2026 - 42BX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
98	1	12/02/26	15:29	Not Specified	Rain	No	42BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Upstream	Upstream Node:	42B
Road:	Langstone Tecnology Park	Inspected Length:	1.30 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	1.30 m	Downstream Node:	MH42
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH42	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:03		
		0.48	S01	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:00:04	42BX_c77 74460-d5e d-4b6a-9d	
		1.07	LR	Line deviates right: SLIGHT	00:00:10		
		1.30	REM	General remark: POSSIBLE SMALL CHAMBER - UTL	00:00:15		
		1.30	F01	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:00:15		4
		1.30	ICF	Finish node, inspection chamber, reference: 42B	00:00:15		

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	1	5.0	3.8	5.0	4.0

Section Pictures - 12/02/2026 - 42BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
98	Upstream	42BX		



42BX_c7774460-d5ed-4b6a-9da7-0de6b60a6d77_20260223_155016_734.jpg, 00:00:04, 0.48 m
Settled deposits, coarse, 20% cross-sectional area loss, start

Section Inspection - 12/02/2026 - MH43X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
99	1	12/02/26	15:36	Not Specified	Rain	No	MH43X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH43
Road:	Langstone Technology Park	Inspected Length:	6.44 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	6.44 m	Downstream Node:	MH80
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:56	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH43</div> <div>0.00</div> <div>0.00</div> <div>1.50</div> <div>6.44</div> <div>6.44</div> <div>MH80</div> <div>Depth: m</div> </div>							
		0.00	MH	Start node, manhole, reference: MH43	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		1.50	S01	DES Settled deposits, fine, 5% cross-sectional area loss, start	00:00:26	MH43X_e4f4f57e-b77e-4933-a	
		6.44	F01	DES Settled deposits, fine, 5% cross-sectional area loss, finish	00:00:58		3
		6.44	MHF	Finish node, manhole, reference: MH80	00:00:58		

Construction Features
Structural Defects
Miscellaneous Features
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	1	2.0	1.6	10.0	3.0

Section Pictures - 12/02/2026 - MH43X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
99	Downstream	MH43X		



MH43X_e4f4f57e-b77e-4933-a380-fcd97a5b8112_20260223_155406_667.jpg, 00:00:26, 1.50 m
Settled deposits, fine, 5% cross-sectional area loss, start

Section Pictures - 12/02/2026 - MH80X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
100	Downstream	MH80X		



MH80X_5b86b685-05e6-4278-9c48-a11944ee3266_20260223_155607_481.jpg, 00:00:11, 0.00 m
Settled deposits, fine, 5% cross-sectional area loss, start



MH80X_daedd382-2d07-4829-b5bd-0f0071b07eac_20260223_155742_606.jpg, 00:02:29, 25.02 m
General photograph taken at this point



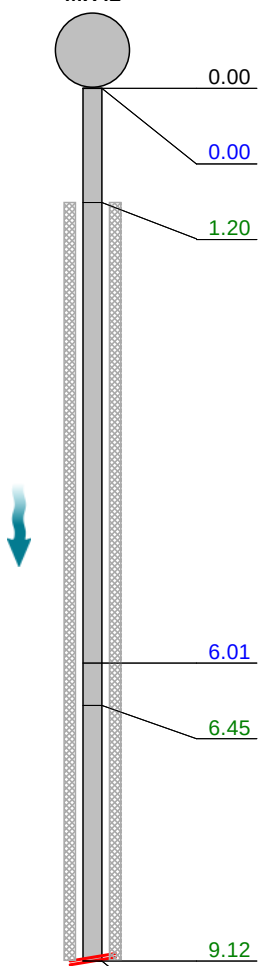
MH80X_ea6cf17c-1c75-45b5-8a8a-b7ace45a023d_20260223_155813_822.jpg, 00:03:05, 36.71 m
Settled deposits, coarse, 15% cross-sectional area loss, STONE

Section Inspection - 12/02/2026 - MH42X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
101	1	12/02/26	15:48	Not Specified	Rain	No	MH42X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PR		YK71 FDU		Forward View	Not Specified	Private Drain	Not Specified

Town or Village:	Havant	Inspection Direction:	Downstream	Upstream Node:	MH42
Road:	Langstone Tecnology Park	Inspected Length:	9.12 m	Upstream Pipe Depth:	
Location:	Other location	Total Length:	9.12 m	Downstream Node:	MH74
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:	No flow control	Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:79	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>MH42</div>  </div>							
		0.00	MH	Start node, manhole, reference: MH42	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension	00:00:15		
		1.20	S01 DER	Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:13		
		6.01	WL	Water level, 20% of the vertical dimension	00:00:37		
		6.45	DER	Settled deposits, coarse, 15% cross-sectional area loss: BRICK IN INVERT	00:02:12		3
		9.12	F01 DER	Settled deposits, coarse, 5% cross-sectional area loss, finish	00:06:11		3
		9.12	SA	Survey abandoned: UNABLE TO GET OVER BRICK AND DEBRIS	00:06:11		

Construction Features
Structural Defects
Miscellaneous Features
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	2	4.0	2.0	18.0	3.0

Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH1	Cover Level: 5.49
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 900/750	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 11	Depth: 770	Size: 600/740	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 4	No. of Ladders: 0	No. of Landings: 0
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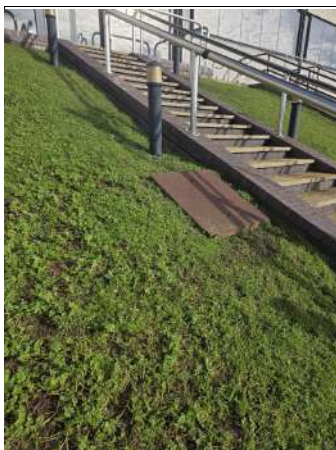
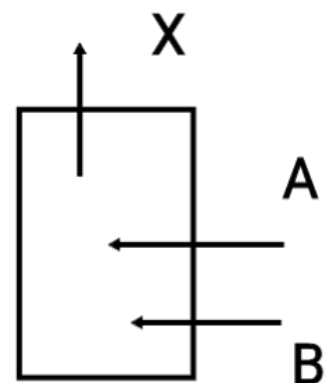
Size: 840/1500	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Z	C	100			CI		2.130	3.360
	B	Z	C	100			CI		2.130	3.360
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH2	C	100			VC		2.150	3.340
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH2	Cover Level: 5.610
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 900/750	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 11	Depth: 1010	Size: 810/580	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 4	No. of Ladders: 0	No. of Landings: 0
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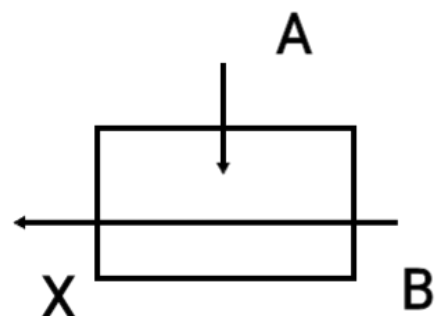
Size: 900/1220	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH2A	C	100			CI		2.290	3.320
	B	MH1	C	150			CI		2.310	3.300
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH3	C	150			VC		2.330	3.280
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH3	Cover Level:
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 830/680	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 2	Depth: 380	Size: 770/600	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 2	No. of Ladders: 0	No. of Landings: 0
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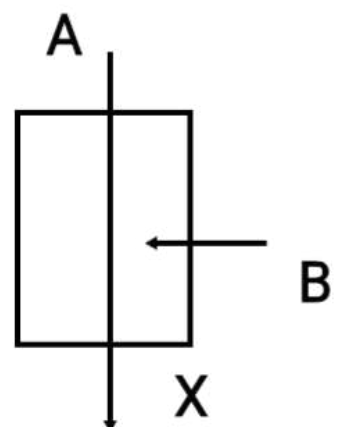
Size: 1010/1280	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 30	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH5	C	100		CI		1.470	
	B	MH2	C	150		CI		1.370	
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH6	C	150		CI		1.490	
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH4	Cover Level: 5.160
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 900/750	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 360	Size: 760/620	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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Size: 800/930	Const'n Code: BR	Depth of Flow: 0	Depth of Silt: 20	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH2A	C	100			VC		0.900	4.260
	B									
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	Capped	C	150			VC		0.920	4.240
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching ☒	Other
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Remarks: Benching damaged



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH3	Cover Level: 4.640
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 830/680	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 310	Size: 760/610	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 3	No. of Ladders: 0	No. of Landings: 0
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Size: 1200/1100	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 10	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH3	C	150		CI		2.110	2.530
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH7	C	150		CI		2.130	2.510
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH7	Cover Level: 5.070
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PU	Function: FW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 590/590	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 4	Depth: 1300	Size: 750	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 8	No. of Ladders: 0	No. of Landings: 0
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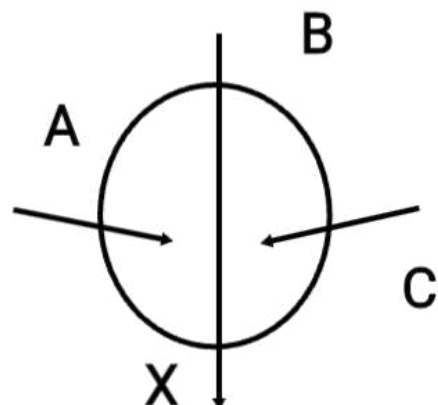
Size: 1500	Const'n Code: PC	Depth of Flow: 400	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH6	C	150		CI		2.780	2.290
	B	Z	C	900		CO		3.910	1.160
	C	Z	C	225		VC		3.200	1.870
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	Z	C	900		CO		3.930	1.140
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: pipe sizes approx due to fast flow



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH8	Cover Level: 5.470
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 770/630	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 310	Size:	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 5	No. of Ladders: 0	No. of Landings: 0
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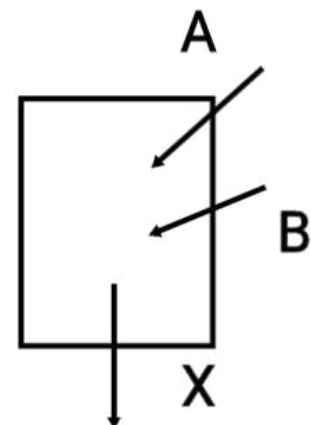
Size: 870/1100	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Stack	C	100			CI		2.480	2.990
	B	Gy	C	100			CI		2.520	2.950
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH9	C	100			VC		2.540	2.930
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH9	Cover Level: 5.470
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 910/760	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 300	Size: 770/610	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 6	No. of Ladders: 0	No. of Landings: 0
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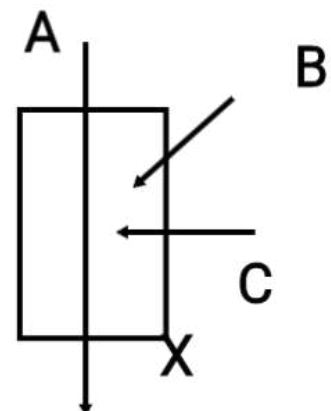
Size: 1210/800	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH8	C	150		CI		2.790	2.680
	B	Gy	C	100		PVC		0.550	4.920
	C	MH9C	C	225		CI		2.720	2.750
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH10	C	225		CI		2.810	2.660
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH10	Cover Level: 4.230
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 830/670	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 280	Size: 770/580	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 3	No. of Ladders: 0	No. of Landings: 0
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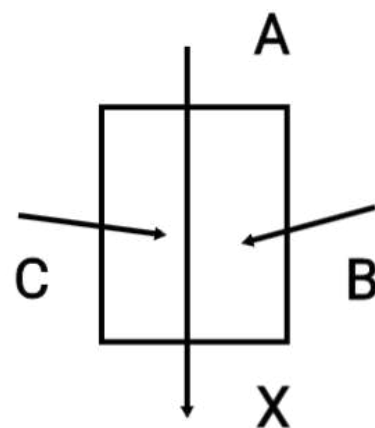
Size: 1060/810	Const'n Code: BR	Depth of Flow: 100	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH10A	C	225		CI		1.890	2.340
	B	MH10B	C	100		VC		1.690	2.540
	C	MH9	C	225		CI		1.820	2.410
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH30	C	300		CI		1.910	2.320
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching ☒	Other
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Remarks: Infiltration from benching.



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH11	Cover Level: 4.230
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 830/700	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 250	Size: 700/530	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons:	No. of Ladders: 0	No. of Landings: 0
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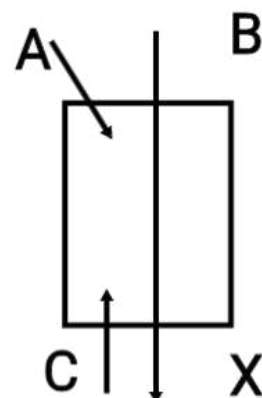
Size: 1100/770	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 10	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Gy	C	100			PVC		0.540	3.690
	B	MH11B	C	150			CI		2.100	2.130
	C	Z	C	100			VC		0.530	3.700
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH12	C	150			CI		2.130	2.100
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH12	Cover Level: 4.270
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 700/550	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 670	Size: 600/550	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 2	No. of Ladders: 0	No. of Landings: 0
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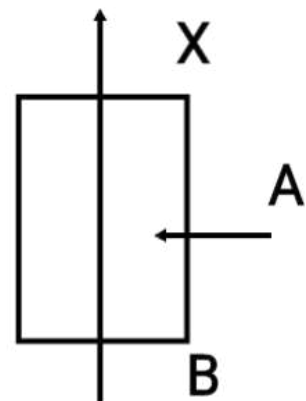
Size: 700/900	Const'n Code: CO	Depth of Flow: 20	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH12A	C	100		100	VC		0.810	3.460
	B	MH11	C	150			CI		2.150	2.120
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH13A	C	150			CI		2.170	2.100
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH12A	Cover Level: 4.250
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 610/460	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: /	Size: /	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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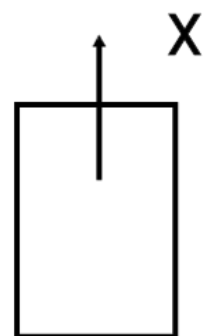
Size: 620/440	Const'n Code: BR	Depth of Flow: 0	Depth of Silt: 20	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A								
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH12	C	100		VC		0.420	3.830
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH13	Cover Level: 5.220
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function:	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 710/610	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 6	Depth: 1420	Size: 700	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 4	No. of Ladders: 0	No. of Landings: 0
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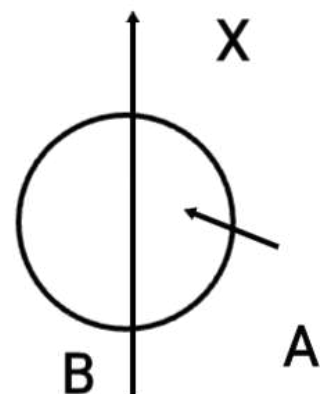
Size: 1500	Const'n Code: PC	Depth of Flow: 400	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH13A	C	150		CI		3.250	1.970
	B	Z	C	900		CO		3.610	1.610
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	Z	C	900		CO		3.630	1.590
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: pipe sizes approx due to very fast flow.



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH14	Cover Level: 4.520
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: IC	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: CI	Hinged: N	Lockable: Y	Duty: L	Size: 210	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: /	Size: /	Vermin: N
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CHAMBER	Soffit Type: N/A	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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Size: 180	Const'n Code: PVC	Depth of Flow: 5	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Stack	C	100			PVC		0.300	4.220
	B									
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES										
	X	MH15	C	100			PVC		0.310	4.210
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH15	Cover Level: 4.970
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: IC	Survey Date: 09/02/26
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Manufacturer:	Grating:
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COVER	Shape: CI	Hinged: N	Lockable: Y	Duty: L	Size: 500	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: /	Size: /	Vermin: N
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CHAMBER	Soffit Type: N/A	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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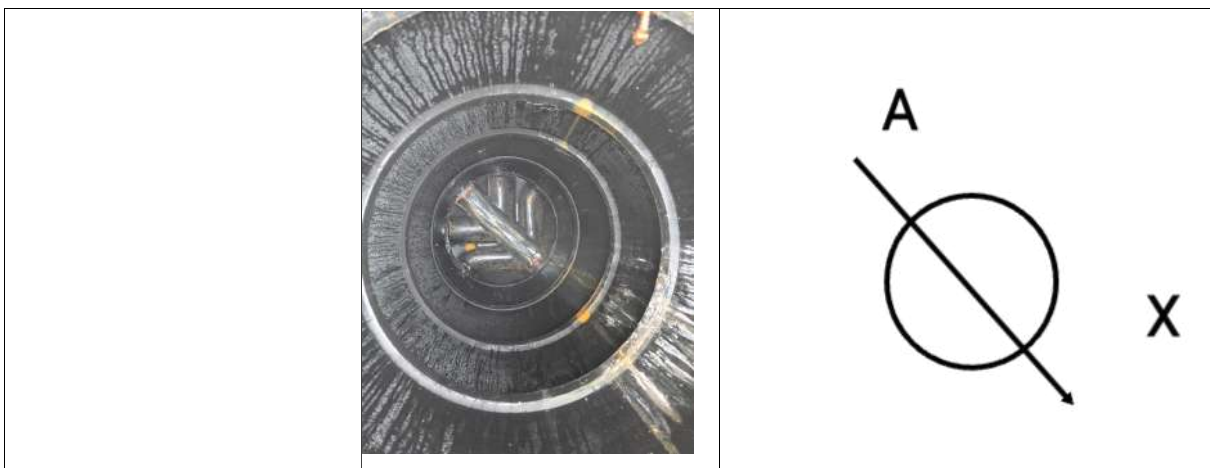
Size: 460	Const'n Code: PVC	Depth of Flow: 5	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH14	C	100			PVC		1.280	3.690
	B									
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES										
	X	MH16	C	100			PVC		1.310	3.660
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH17	Cover Level: 4.260
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: M	Size: 670/520	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 310	Size: 460/610	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 2	No. of Ladders: 0	No. of Landings: 0
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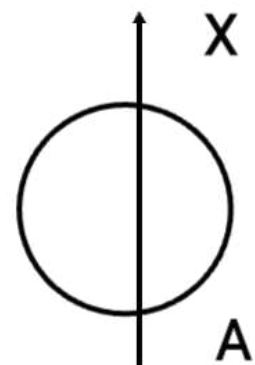
Size: 1200	Const'n Code: PC	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH18	C	300		CO		1.370	2.890
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH20	C	300		CO		1.390	2.870
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH19	Cover Level: 5.110
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: SQ	Hinged: N	Lockable: N	Duty: L	Size: 640/640	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 14	Depth: 960	Size: 640/670	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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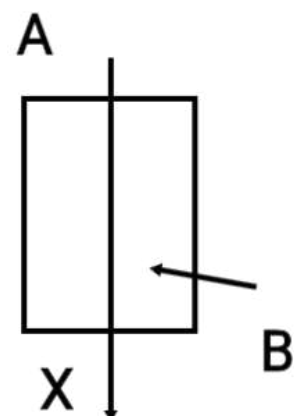
Size: 900/1180	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH32	C	300			CO	Insitu	1.940	3.170
	B	Z	C	100			PVC		1.300	3.810
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH18	C	300			CO	Insitu	1.960	3.150
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH20	Cover Level: 4.980
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: M	Size: 670/520	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 2	Depth: 480	Size: 600/460	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 5	No. of Ladders: 0	No. of Landings: 0
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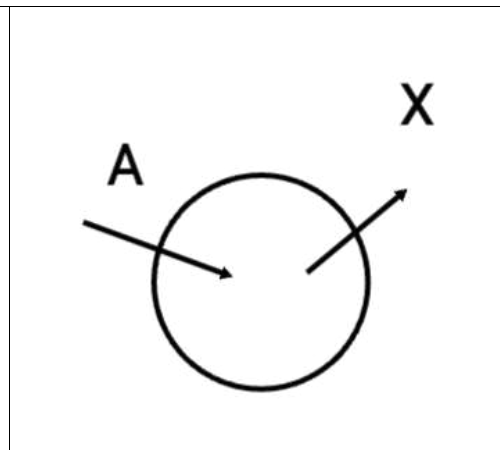
Size: 1500	Const'n Code: PC	Depth of Flow: 30	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH17	C	300		CO		2.450	2.530
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH21	C	375		CO	Insitu	2.470	2.510
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH21	Cover Level: 5.100
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 670/670	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 560	Size: 590/460	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 4	No. of Ladders: 0	No. of Landings: 0
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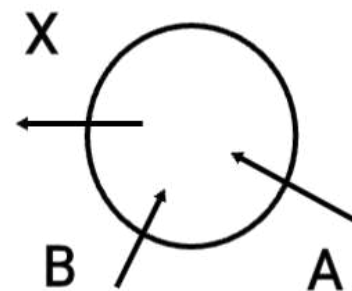
Size: 1500	Const'n Code: PC	Depth of Flow: 15	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH20	C	375		CO	Insitu	2.620	2.480
	B	Capped	C	300		CO		2.380	2.720
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH22	C	450		CO		2.640	2.460
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH22	Cover Level: 4.940
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: M	Size: 670/520	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 7	Depth: 830	Size: 610/500	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 4	No. of Ladders: 0	No. of Landings: 0
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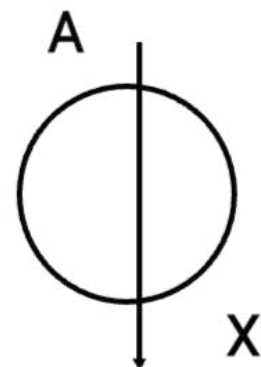
Size: 1500	Const'n Code: PC	Depth of Flow: 30	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH21	C	450		CO		2.620	2.320
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH23	C	45		CO		2.640	2.300
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH23	Cover Level: 4.780
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: L	Size: 640/490	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 8	Depth: 1110	Size: 570/490	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 3	No. of Ladders: 0	No. of Landings: 0
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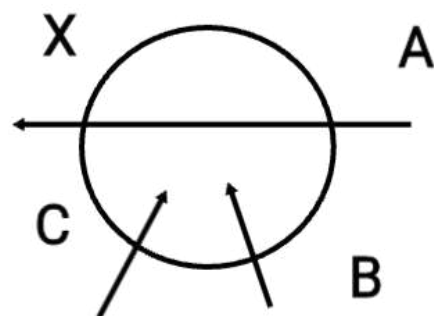
Size: 1500	Const'n Code: PC	Depth of Flow: 40	Depth of Silt: 80	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH22	C	450			CO		2.490	2.290
	B	Capped	C	300			CO		2.250	2.530
	C	MH28	C	150			VC		2.230	2.550
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH25	C	450			CO		2.510	2.270
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH30	Cover Level: 5.180
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: SQ	Hinged: N	Lockable: N	Duty: M	Size: 680/680	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 6	Depth: 1380	Size: 700	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 3	No. of Ladders: 0	No. of Landings: 0
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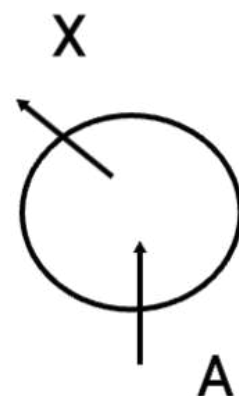
Size: 1500	Const'n Code: PC	Depth of Flow: 40	Depth of Silt: 10	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH10	C	300		CI		2.880	2.300
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH25	C	300		CI		2.920	2.260
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH31	Cover Level: 5.020
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 610/610	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 7	Depth: 830	Size: 620/590	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 1	No. of Ladders: 0	No. of Landings: 0
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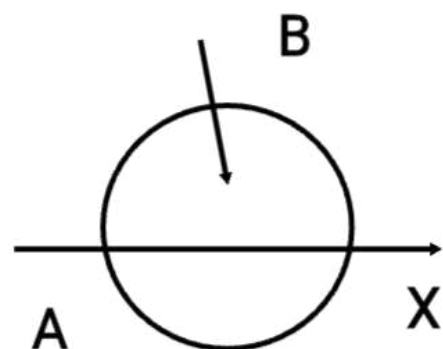
Size: 1200	Const'n Code: PC	Depth of Flow: 0	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Z	C	225		CI		1.800	3.220
	B	MH33	C	300		CO		1.780	3.240
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH32	C	300		CO		1.820	3.200
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH32	Cover Level: 5.150
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 610/610	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 430	Size: 610/610	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 3	No. of Ladders: 0	No. of Landings: 0
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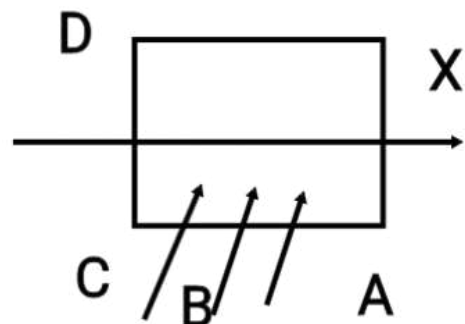
Size: 1500/1000	Const'n Code: BR	Depth of Flow: 0	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH32A	C	150			PVC		1.870	3.280
	B	MH32A	C	150			PVC		1.870	3.280
	C	MH32A	C	150			PVC		1.870	3.280
	D	MH31	C	300			CO		1.960	3.190
	E									
	F									
	G									
OUTGOING PIPES	X	MH19	C	300			CO	Insitu	1.980	3.170
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH32A	Cover Level: 4.920
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 610/610	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 2	Depth: 460	Size: 620/600	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 2	No. of Ladders: 0	No. of Landings: 0
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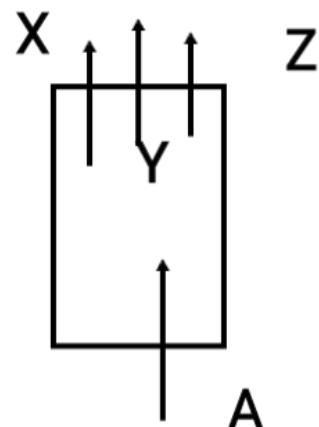
Size: 1300/1200	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH34	C	225		PVC		1.570	3.350
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH32	C	150		PVC		1.590	3.330
	Y	MH32	C	150		PVC		1.590	3.330

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: 3x outgoing pipes all identical
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Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH33	Cover Level: 4.940
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: CP	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: TR	Hinged: N	Lockable: N	Duty: H	Size: 560/560	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 390	Size: 620/500	Vermin: N
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CHAMBER	Soffit Type:	No. of Step Irons: 3	No. of Ladders: 0	No. of Landings: 0
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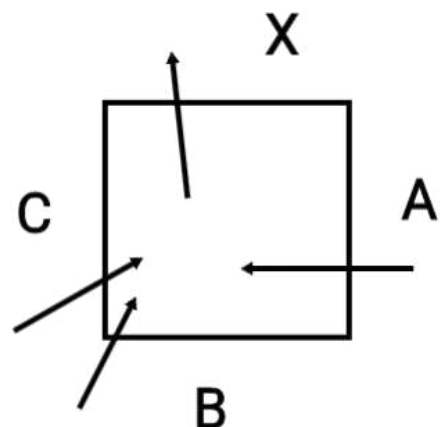
Size: 1000/850	Const'n Code: BR	Depth of Flow: 20	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Z	C	300		CI		1.910	3.030
	B	Gy	C	100		VC		0.510	4.430
	C	Z	C	150		CI		1.640	3.300
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH32	C	300		CO		1.760	3.180
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: Surcharge in chamber due to depth of x pipe. Possible overflow.
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Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH35	Cover Level: 4.320
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: M	Size: 680/840	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 350	Size: 760/610	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons:	No. of Ladders: 0	No. of Landings: 0
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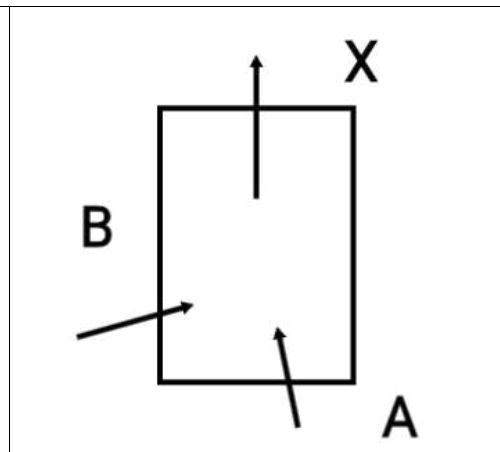
Size: 800/1000	Const'n Code: BR	Depth of Flow: 30	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH36	C	100			VC		0.880	3.440
	B	MH35B	C	150			CI		1.140	3.180
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH5	C	150			CI		1.160	3.160
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH36	Cover Level: 5.140
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: FW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: REC	Hinged: N	Lockable: N	Duty: M	Size: 680/530	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 300	Size: 630/460	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 2	No. of Ladders: 0	No. of Landings: 0
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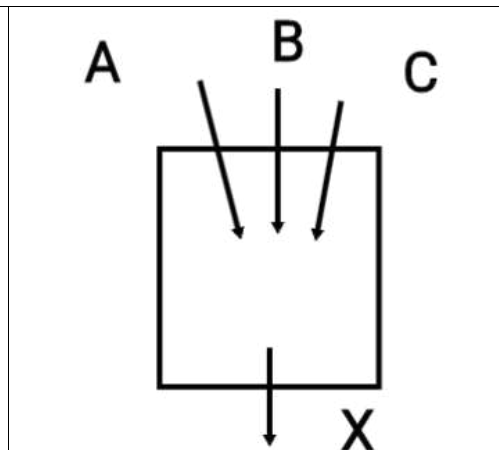
Size: 850/680	Const'n Code: BR	Depth of Flow: 0	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH36A	C	100			VC		1.000	4.140
	B	Z	C	100			PVC		1.350	3.790
	C	Gy	C	100			CI		0.580	4.560
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH35	C	100			VC		1.380	3.760
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH37	Cover Level:
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 10/02/26
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Manufacturer:	Grating:
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size: 610/610	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 1	Depth: 380	Size: 620/600	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 1	No. of Ladders: 0	No. of Landings: 0
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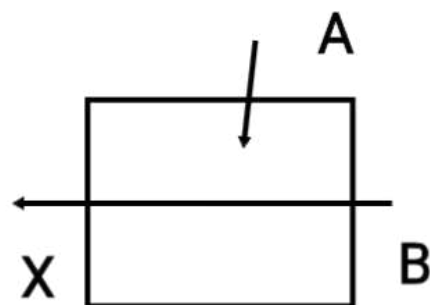
Size: 900/1280	Const'n Code: BR	Depth of Flow: 20	Depth of Silt: 20	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Z	C	100		PVC		1.230	
	B	Z	C	100		PF		1.330	
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MAIN	C	100		PVC		1.350	
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH38	Cover Level: 7.290
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 11/02/26
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Manufacturer:	Grating:
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COVER	Shape: TR	Hinged: N	Lockable: N	Duty: H	Size: 560/560	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 12	Depth: 1590	Size: 680/690	Vermin: N
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CHAMBER	Soffit Type: SL	No. of Step Irons: 9	No. of Ladders: 0	No. of Landings: 0
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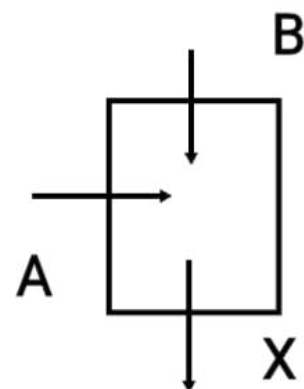
Size: 1400/1200	Const'n Code: BR	Depth of Flow: 10	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	GY	C	150		150	VC		0.880	6.410
	B	MH38B	C	150		150	VC		1.290	6.000
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH39	C	150			VC		3.430	3.860
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



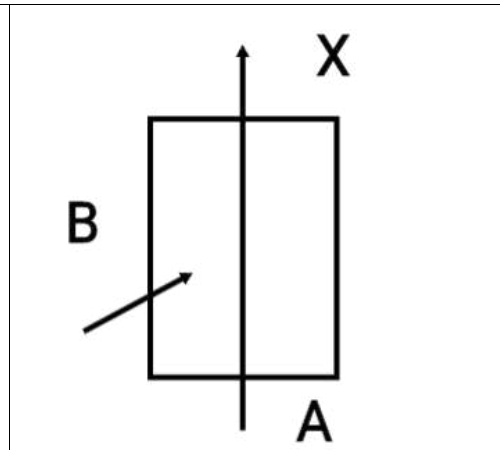
Job Number:				Survey By: PR			
Grid Ref:		Node Number: MH39		Cover Level: 4.840			
Location: Havant, Lanstone Technology Park							
Year Laid: Z	Status: PR	Function:	Node Type: MH	Survey Date: 11/02/26			
Manufacturer:				Grating:			
COVER	Shape: TR	Hinged: N	Lockable: N	Duty: H	Size: 560/560	Toxic Atmos: N	
SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 410	Size: 610/670	Vermin: N		
CHAMBER	Soffit Type: SL	No. of Step Irons: 1	No. of Ladders: 0	No. of Landings: 0			
Size: 1010/750	Const'n Code: BR	Depth of Flow: 5	Depth of Silt:	H of S: 0			

	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH38	C	150			PF		1.310	3.530
	B	Z	C	150			VC		1.200	3.640
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH40	C	150			VC		1.330	3.510
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH40	Cover Level: 4.880
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 11/02/26
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Manufacturer:	Grating:
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COVER	Shape: TR	Hinged: N	Lockable: N	Duty: H	Size: 560/560	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: 310	Size: 600/550	Vermin: N
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CHAMBER	Soffit Type:	No. of Step Irons: 1	No. of Ladders: 0	No. of Landings: 0
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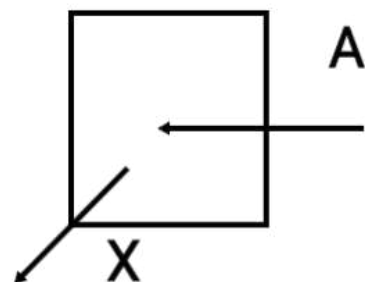
Size: 1100/750	Const'n Code: BR	Depth of Flow: 5	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH39	C	150		VC		1.440	3.440
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH33C	C	150		CI		1.460	3.420
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching ☒	Other
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Remarks:



Job Number:	Survey By: PR
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Grid Ref:	Node Number: MH41	Cover Level: 4.860
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Location: Havant, Lanstone Technology Park
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Year Laid: Z	Status: PR	Function: SW	Node Type: MH	Survey Date: 11/02/26
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Manufacturer:	Grating:
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COVER	Shape: CI	Hinged: N	Lockable: N	Duty: L	Size: 480	Toxic Atmos: N
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SHAFT	Side Entry: N	Regulating Courses: 0	Depth: /	Size: /	Vermin: N
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CHAMBER	Soffit Type: N/A	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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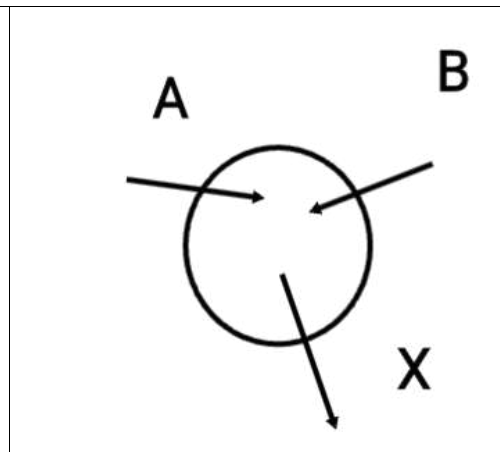
Size: 370	Const'n Code: CO	Depth of Flow: 0	Depth of Silt: 0	H of S: 0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Aco	C	100			PF		0.150	4.710
	B	Aco	C	100			PF		0.150	4.710
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH42	C	100			PF		0.460	4.400
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



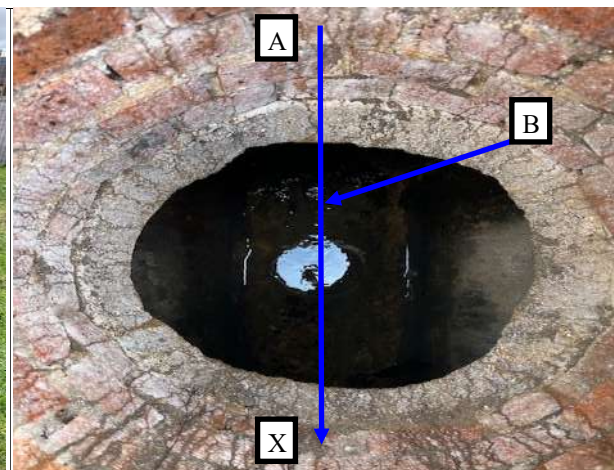
Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH42	Cover Level: 5.40	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PU	Function: SW	Node Type: MH
Manufacturer:		Survey Date: 12/2	
Grating:			
COVER	Shape: CIR	Hinged: N	Lockable: N
	Duty: H	Size: 550 CIR	Toxic Atmos:
SHAFT	Side Entry: N	Regulating Courses: 4	Depth: 610
	Size: 540 CIR	Vermin: N	
CHAMBER	Soffit Type: S	No. of Step Irons: 0	No. of Ladders: 0
	No. of Landings: 0		
Size: 1500x1200	Const'n Code: BR	Depth of Flow: 30	Depth of Silt: 60
	H of S: 0		

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH80	C	725		CO		1.86	3.54
	B	MH41	C	150		VC		1.40	4.00
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH74	C	725		CO		1.87	3.53
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH43	Cover Level: 5.41	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PU	Function: SW	Node Type: MH
Manufacturer:		Survey Date: 12/2	
		Grating:	
COVER	Shape: DT	Hinged: N	Lockable: N
	Duty: H	Size: 630x630	Toxic AtmosN
SHAFT	Side Entry: N	Regulating Courses: 3	Depth: 540
	Size: 600x600	Vermin: N	
CHAMBER	Soffit Type: S	No. of Step Irons: 0	No. of Ladders: 0
	No. of Landings: 0		
Size: 1200 CIR	Const'n Code: CO	Depth of Flow: 20	Depth of Silt: 10
	H of S: 0		

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH	C	675		CO		1.67	3.74
	B	IC 43B	C	150		PVC		0.97	4.44
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH80	C	675		CO		1.67	3.74
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: AF
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Grid Ref:	Node Number: MH50	Cover Level: 4.34
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Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid:	Status: PR	Function: SW	Node Type: IC	Survey Date: 12/2
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Manufacturer:	Grating: No
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COVER	Shape: SQ	Hinged: N	Lockable: N	Duty: H	Size:680x680	Toxic AtmosN
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SHAFT	Side Entry:N	Regulating Courses: 0	Depth: 0	Size:0	Vermin:N
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CHAMBER	Soffit Type: N/A	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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Size:660x580	Const'n Code: BR	Depth of Flow: 30	Depth of Silt: 10	H of S:0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	RWP	C	100		CI		0.49	3.85
	B	RWP	C	100		VC		0.55	3.79
	C	GY	UTL	C	100	VC		0.56	3.78
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH51	C	100		CO		1.67	3.74
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: AF
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Grid Ref:	Node Number: MH51	Cover Level: 4.31
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Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid:	Status: PR	Function: SW	Node Type: IC	Survey Date: 12/2
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Manufacturer:	Grating: No
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COVER	Shape: SQ	Hinged: N	Lockable: N	Duty: H	Size:680x680	Toxic AtmosN
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SHAFT	Side Entry:N	Regulating Courses: 0	Depth: 0	Size:0	Vermin:N
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CHAMBER	Soffit Type: N/A	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0
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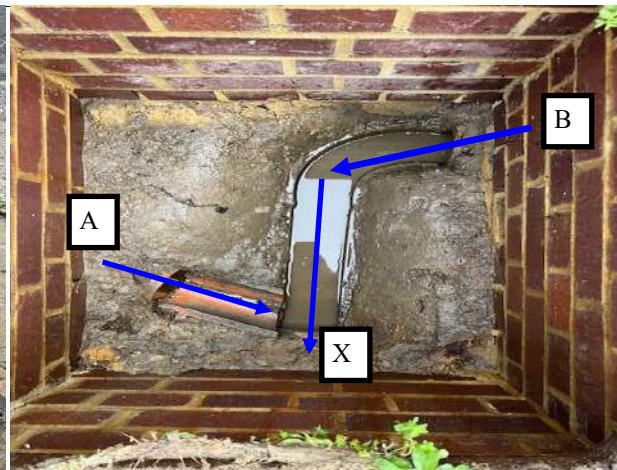
Size:680x600	Const'n Code: BR	Depth of Flow: 5	Depth of Silt: 20	H of S:0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	GY/RWP	C	100		VC		0.67	3.64
	B	MH50	C	100		VC		0.74	3.57
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH52	C	100		VC		0.75	3.56
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: AF
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Grid Ref:	Node Number: MH53	Cover Level: 4.25
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Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid:	Status: PR	Function: SW	Node Type: MH	Survey Date: 12/2
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Manufacturer:	Grating: No
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COVER	Shape: SQ	Hinged: N	Lockable: N	Duty: H	Size:640x640	Toxic AtmosN
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SHAFT	Side Entry:N	Regulating Courses: 2	Depth: 450	Size:630 CIR	Vermin:N
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CHAMBER	Soffit Type: S	No. of Step Irons: 2	No. of Ladders: 0	No. of Landings: 0
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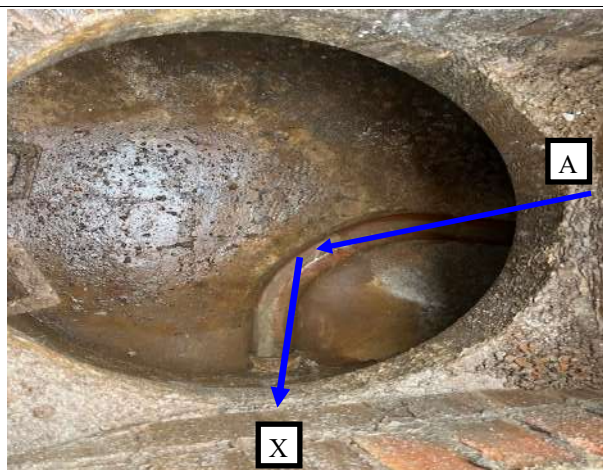
Size:1200 CIR	Const'n Code: PCC	Depth of Flow: 5	Depth of Silt: 0	H of S:0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH54	C	100		VC		1.03	3.22
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH55	C	100		VC		1.07	3.18
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



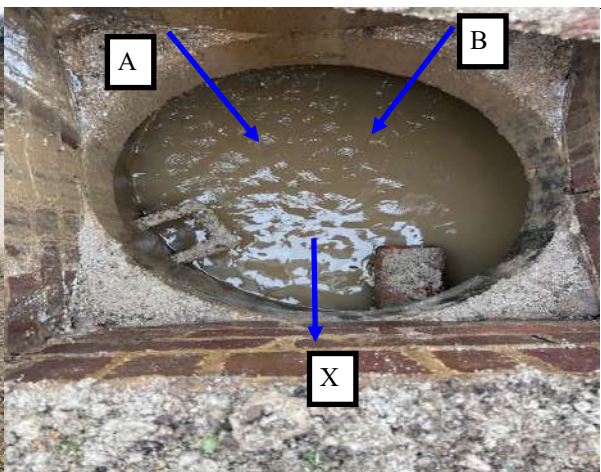
Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH54	Cover Level: 4.32	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PR	Function: CW	Node Type: IC
Manufacturer:		Survey Date: 12/2	
		Grating: No	
COVER	Shape: SQ	Hinged: N	Lockable: N
	Duty: H	Size:640x640	Toxic AtmosN
SHAFT	Side Entry:N	Regulating Courses: 4	Depth: 520
	Size:630 CIR	Vermin:N	
CHAMBER	Soffit Type: S	No. of Step Irons: ?	No. of Ladders: 0
	No. of Landings: 0		
Size:1200 (A)	Const'n Code: PCC	Depth of Flow: 5	Depth of Silt: 50
H of S:0			

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Redundant	C	100		VC			
	B	Redundant	C	100		VC			
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH53	C	100		VC		0.82	3.50
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: Total depth 1.34m UTS - A + B = under slab and constant ground water run off into chamber from flooded land.



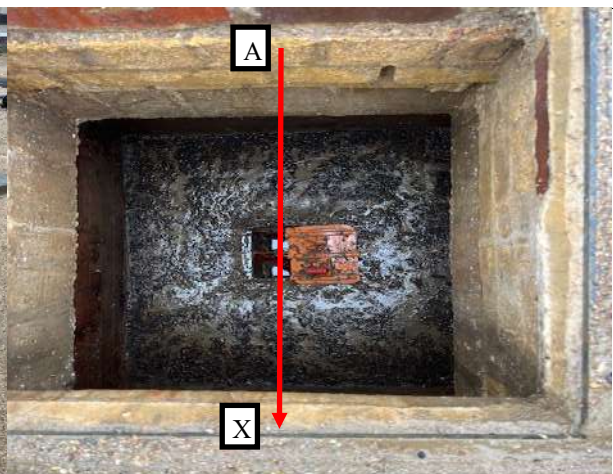
Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH56	Cover Level:	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PR	Function: FW	Node Type: MH
Manufacturer:		Survey Date: 12/2	
		Grating: No	
COVER	Shape: SQ	Hinged: N	Lockable: N
	Duty: M	Size: 680x680	Toxic Atmos: N
SHAFT	Side Entry: N	Regulating Courses: 3	Depth: 580
	Size: 760x600	Vermin: N	
CHAMBER	Soffit Type: SL	No. of Step Irons: 2	No. of Ladders: 0
	No. of Landings: 0		
Size: 1280x1100	Const'n Code: BR	Depth of Flow: 0	Depth of Silt: 30
	H of S: 0		

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	?	C	150		VC		1.50	3.51
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MAIN	C	150		VC		1.51	3.50
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number: Survey By: AF

Grid Ref: Node Number: MH58 Cover Level: 7.22

Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid: Status: PU Function: CW Node Type: MH Survey Date: 12/2

Manufacturer: Grating: No

COVER Shape: REC Hinged: N Lockable: N Duty: H Size:670x520 Toxic Atmos:N

SHAFT Side Entry:N Regulating Courses: 3 Depth: 670 Size:620 CIR Vermin:N

CHAMBER Soffit Type: S No. of Step Irons: 13 No. of Ladders: 0 No. of Landings: 0

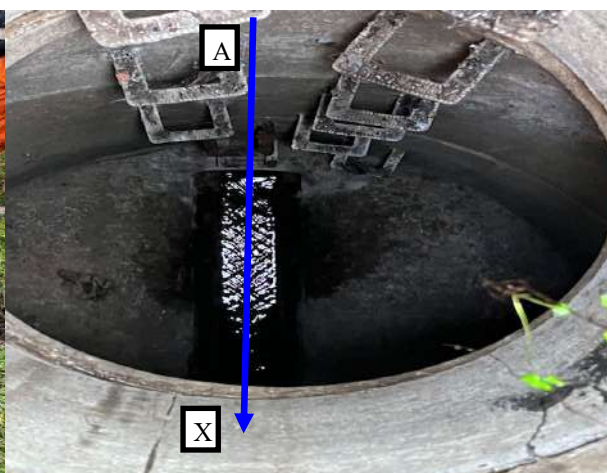
Size:1500 (A) Const'n Code: PCC Depth of Flow: 20 Depth of Silt: 0 H of S:0

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH59	C	225		VC		4.72	2.5
	B								
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH	UTL	C	225	VC		4.73	2.49
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: UTS - Confined Space Entry required. Unable to set tripod up on steep land/banking.
Requires land to dry up to transport CCTV equipment to manhole.



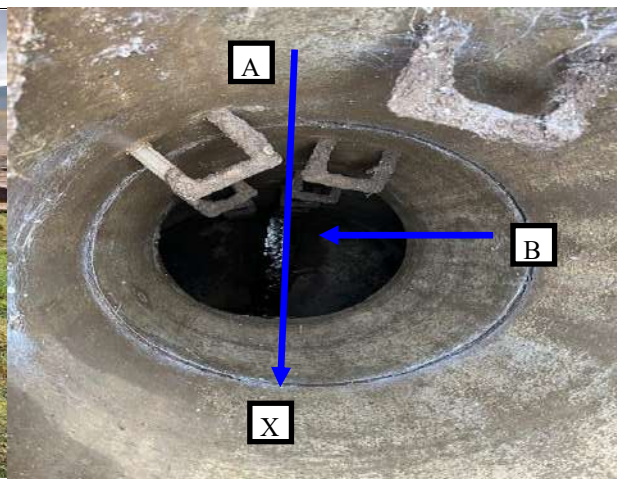
Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH59	Cover Level: 7.30	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PU	Function: CW	Node Type: MH
Manufacturer:		Survey Date: 12/2	
		Grating: No	
COVER	Shape: REC	Hinged: N	Lockable: N
	Duty: H	Size: 670x520	Toxic Atmos: N
SHAFT	Side Entry: N	Regulating Courses: 3	Depth: 1600
	Size: 680 CIR	Vermin: N	
CHAMBER	Soffit Type: SL	No. of Step Irons: 13	No. of Ladders: 0
	No. of Landings: 0		
Size: 1500 (A)	Const'n Code: PCC	Depth of Flow: 10	Depth of Silt: 0
H of S: 0			

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH62	C	225		VC		4.72	2.58
	B	Private Neigh-bours	C	100		VC		4.60	2.70
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH58	C	225		VC		4.73	2.57
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: UTS - CONFINED SPACE ENTRY REQUIRED. Manhole on steep banking.



Job Number: Survey By: AF

Grid Ref: Node Number: MH62 Cover Level: 7.65

Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid: Status: PU Function: CW Node Type: MH Survey Date: 13/2

Manufacturer: Grating: No

COVER Shape: REC Hinged: N Lockable: N Duty: H Size:670x520 Toxic Atmos:N

SHAFT Side Entry:N Regulating Courses: 3 Depth: 1900 Size:680 CIR Vermin:N

CHAMBER Soffit Type: S No. of Step Irons: 13 No. of Ladders: 0 No. of Landings: 0

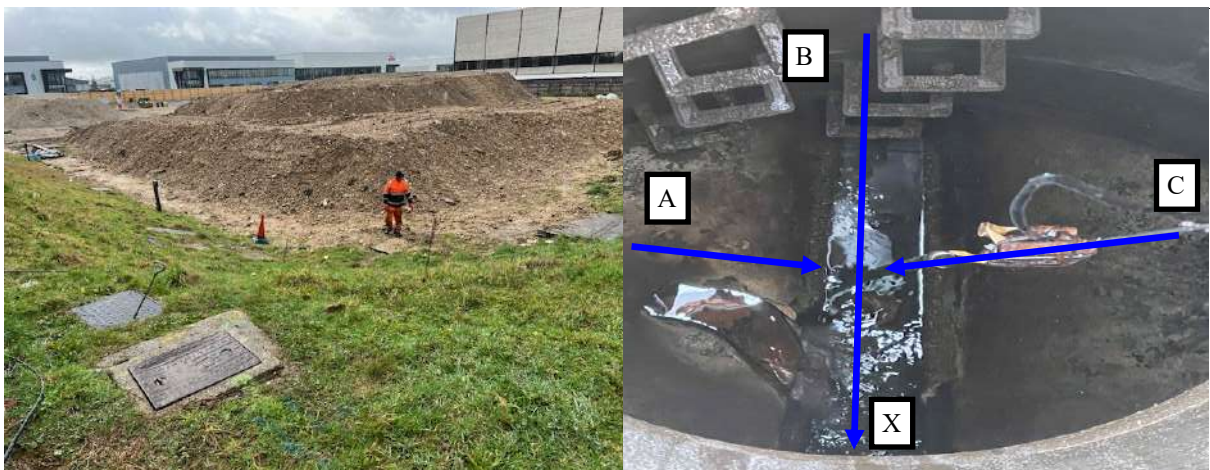
Size:1500 (A) Const'n Code: PCC Depth of Flow: 10 Depth of Silt: 0 H of S:0

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	?	C	150		VC		4.86	2.79
	B	MH	C	225		VC		4.90	2.75
	C	?	C	100		VC		4.80	2.85
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH60	C	225		VC		4.96	2.69
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks: UNABLE TO CCTV SURVEY DUE TO LOCATION IN FAR CORNER OF SITE. NEED TO MANUALLY TRANSPORT EQUIPMENT TO MANHOLE. FLOODED AND BOGGY LAND.



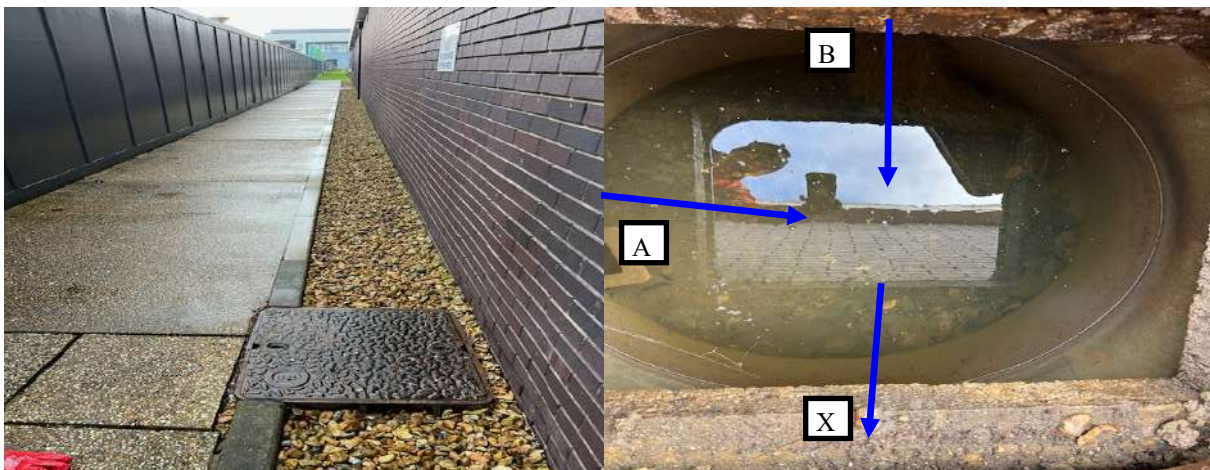
Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH65	Cover Level: 4.19	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PR	Function: SW	Node Type: CP
Manufacturer:		Survey Date: 13/2	
		Grating: No	
COVER	Shape: SQ	Hinged: N	Lockable: N
	Duty: H	Size:650x650	Toxic Atmos:N
SHAFT	Side Entry:N	Regulating Courses: 0	Depth: 0
	Size:0	Vermin:N	
CHAMBER	Soffit Type: SL	No. of Step Irons: 1	No. of Ladders: 0
	No. of Landings: 0		
Size:900 CIR	Const'n Code: PCC	Depth of Flow: 5	Depth of Silt: 0
	H of S:0		

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH65A	C	100		VC		0.50	3.69
	B	GY/ACO	C	100		VC		0.57	3.62
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH66	INTERNAL	C	100	VC		0.58	3.61
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number: Survey By: AF

Grid Ref: Node Number: MH67 Cover Level: 4.56

Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid: Status: PR Function: SW Node Type: MH Survey Date: 13/2

Manufacturer: Grating: No

COVER Shape: REC Hinged: N Lockable: N Duty: H Size: 690x540 Toxic Atmos: N

SHAFT Side Entry: N Regulating Courses: 0 Depth: 0 Size: 0 Vermin: N

CHAMBER Soffit Type: N/A No. of Step Irons: 0 No. of Ladders: 0 No. of Landings: 0

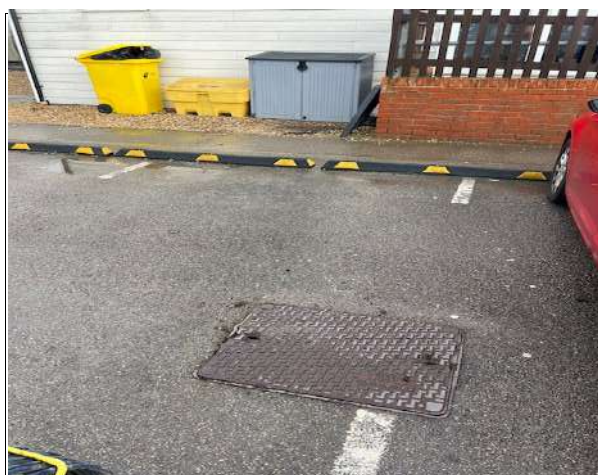
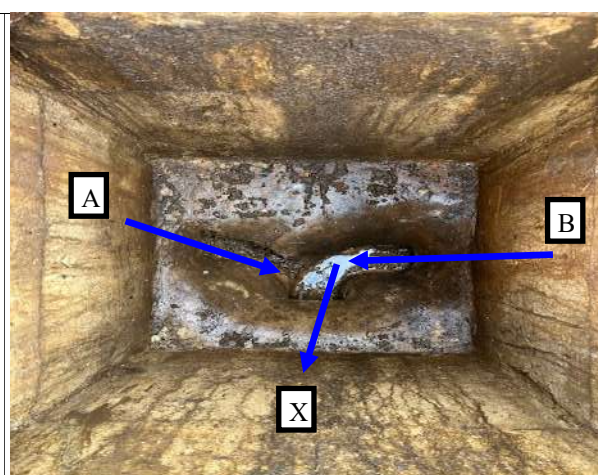
Size: 590x590 Const'n Code: CO Depth of Flow: 0 Depth of Silt: 30 H of S: 0

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	Capped	C	100		VC		0.96	3.6
	B	RWP	C	100		VC		1.03	3.53
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X	MH68	C	100		VC		1.06	3.5
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number: Survey By: AF

Grid Ref: Node Number: MH69 Cover Level: 4.59

Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid: Status: PR Function: SW Node Type: MH Survey Date: 13/2

Manufacturer: Grating: No

COVER Shape: DT Hinged: N Lockable: N Duty: H Size:580x580 Toxic Atmos:N

SHAFT Side Entry:N Regulating Courses: 0 Depth: 0 Size:0 Vermin:N

CHAMBER Soffit Type: N/A No. of Step Irons: 0 No. of Ladders: 0 No. of Landings: 0

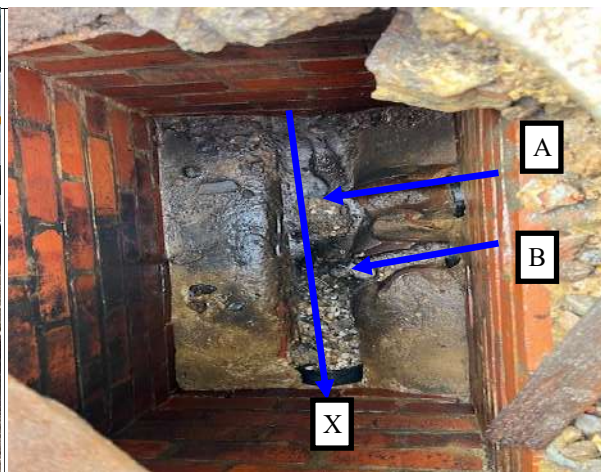
Size:900x600 Const'n Code: BR Depth of Flow: 0 Depth of Silt: 90 H of S:0

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A		C	100		PF		1.00	3.59
	B		C	100		PF		1.12	3.47
	C								
	D								
	E								
	F								
	G								
OUTGOING PIPES	X		C	100		PF		1.14	3.45
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover Irons/Ladders Shaft Chamber Benching Other

Remarks: HEAVILY SILTED/STONES IN CHAMBER, UTS OUTLET PIPE



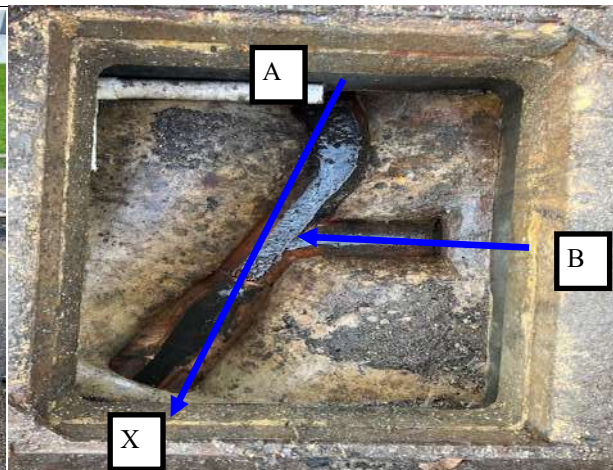
Job Number:				Survey By: AF			
Grid Ref:		Node Number: MH72		Cover Level: 4.39			
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park							
Year Laid:	Status: PR	Function: SW	Node Type: IC	Survey Date: 13/2			
Manufacturer:				Grating: No			
COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size:640x640	Toxic Atmos:N	
SHAFT	Side Entry:N	Regulating Courses: 0	Depth: 0	Size:0	Vermin:N		
CHAMBER	Soffit Type: N/A	No. of Step Irons: 0	No. of Ladders: 0	No. of Landings: 0			
Size:770x610	Const'n Code: CO	Depth of Flow: 0	Depth of Silt: 5	H of S:0			

	Pipe	U/S D/S node Reference	Shape	Pipe Size		Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	GY	C	100			VC		0.60	3.79
	B	ACO	C	100			VC		0.60	3.79
	C									
	D									
	E									
	F									
	G									
OUTGOING PIPES	X	MH73	C	100			VC		0.64	3.75
	Y									

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



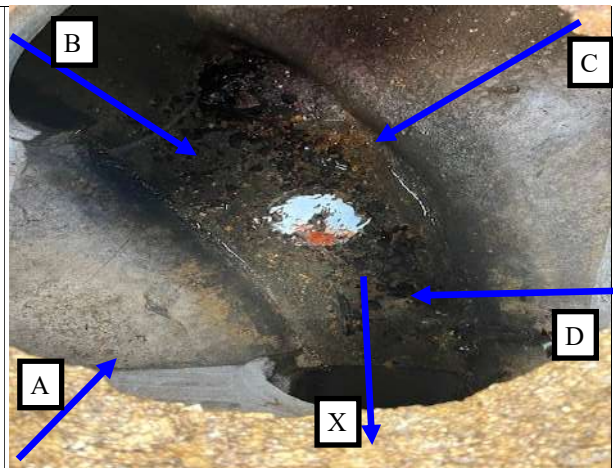
Job Number:		Survey By: AF	
Grid Ref:	Node Number: MH74	Cover Level: 5.43	
Location: Greenhatch group, Havant Phase 3, Langstone Technology Park			
Year Laid:	Status: PU	Function: SW	Node Type: MH
Manufacturer:		Survey Date: 13/2	
		Grating: No	
COVER	Shape: CIR	Hinged: N	Lockable: N
	Duty: H	Size:550 CIR	Toxic Atmos:N
SHAFT	Side Entry:N	Regulating Courses: 0	Depth: 0
	Size:0	Vermin:N	
CHAMBER	Soffit Type: S	No. of Step Irons: 0	No. of Ladders: 0
	No. of Landings: 0		
Size:2000x1600	Const'n Code: BR	Depth of Flow: 30	Depth of Silt: 80
	H of S:0		

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	GY	C	100		PF		1.60	3.83
	B	MH	C	725		CO		1.86	3.57
	C	GY	C	100		PF		1.60	3.83
	D	GY	C	100		VC		1.59	3.84
	E								
	F								
	G								
OUTGOING PIPES	X	MH	C	725		CO		1.88	3.55
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number:	Survey By: AF
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Grid Ref:	Node Number: MH76	Cover Level: 5.21
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Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid:	Status: PU	Function: SW	Node Type: MH	Survey Date: 13/2
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Manufacturer:	Grating: No
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COVER	Shape: DT	Hinged: N	Lockable: N	Duty: H	Size:600x600	Toxic Atmos:N
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SHAFT	Side Entry:N	Regulating Courses: 1	Depth: 900	Size:680 CIR	Vermin:N
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CHAMBER	Soffit Type: S	No. of Step Irons: 7	No. of Ladders: 0	No. of Landings: 0
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Size:1500 CIR	Const'n Code: PCC	Depth of Flow: 30	Depth of Silt: 30	H of S:0
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	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	MH25	C	450		CO		3.27	1.94
	B	?	C	150		VC		3.00	2.21
	C	MH77	C	300		VC		3.03	2.18
	D	GY	C	100		PVC		0.61	4.6
	E								
	F								
	G								
OUTGOING PIPES	X	MH78	C	450		CO		3.29	1.92
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:



Job Number: Survey By: AF

Grid Ref: Node Number: MH78 Cover Level: 5.19

Location: Greenhatch group, Havant Phase 3, Langstone Technology Park

Year Laid: Status: PU Function: SW Node Type: MH Survey Date: 13/2

Manufacturer: Grating: No

COVER Shape: DT Hinged: N Lockable: N Duty: H Size:600x600 Toxic Atmos:N

SHAFT Side Entry:N Regulating Courses: 15 Depth: 1550 Size:600x480 Vermin:N

CHAMBER Soffit Type: S No. of Step Irons: 8 No. of Ladders: 0 No. of Landings: 0

Size:1500 CIR Const'n Code: CO Depth of Flow: 40 Depth of Silt: 50 H of S:0

	Pipe	U/S D/S node Reference	Shape	Pipe Size	Backdrop Diameter	Pipe Material	Lining Material	Depth from cover (M)	Invert Level (M)
INCOMING PIPES	A	?	C	150		VC		2.95	2.24
	B	MH76	C	450		CO		3.30	1.89
	C	SITE	C	150		VC		2.92	2.27
	D	SITE	C	300		VC		2.95	2.24
	E	?	C	100		VC		1.25	3.94
	F	GY	C	100		VC		0.83	4.36
	G								
OUTGOING PIPES	X	MH79	C	450		CO		3.31	1.88
	Y								

CONDITION INFORMATION Enter Y if attention required. Use Remarks to clarify

Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
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Remarks:

