

01/01/2023

## CCTV DRAIN SURVEY

### Customer Details

**Name:** MR SAMPLE

**Email:** MR SAMPLE@hotmail.com

### Site address:

1 Jonny Street, Westerham, Kent, TN16 1EJ.

### Overview:

To attend site and conduct CCTV survey of all accessible below ground drainage.

### Findings:

The above property is served by two drainage systems, foul and surface water.

#### Foul Drainage:

The foul drainage system comprises of five inspection chambers within the property boundary before then discharging into a sixth, located outside No.2 Jonny Street.

FMH3 also serves No.5 Jonny Street and is considered a "shared" drain. The local water authority should be contacted to confirm if this drain has been adopted and is their responsibility to unblock and maintain.

The overall condition of the foul drainage system is good, there were no structural defects noted, however, there are some roots growing within FMH3. The system was found to be clear and free flowing during our visit.

FMH6 is believed to be under the decking, this could not be accessed. This may provide access to other branch lines that have not yet been surveyed.

### **Surface Water Drainage:**

The Surface water drainage system comprises of three inspection chambers within the property boundary before then discharging into what we believe to be a soakaway (see attached drawing).

Using CCTV and Sonde Locator, we traced SWMH1 and SWMH2 downstream to the corner of the building (see attached drawing), unfortunately our camera could not confirm it as a soakaway as it's blocked and full of water.

We noted a connection coming from the utility room enters the surface water drainage system, this could easily block a soakaway and could be the cause. If we have identified this correctly, the soakaway has failed and is located too close to the building if not under it.

Further investigation is required to establish exactly where the soakaway is.

SWMH3 has been put in backwards, this isn't a major problem but should be noted.

### **Recommendations:**

- The surface water drainage system should be pumped out to allow further CCTV and sonde locating to establish where and why the drains are blocked.
- The local water authority should be contacted to confirm if FMH3 and downstream have been adopted.

I trust the above survey meets your needs, do let me know if you have any further questions.

Kind Regards

John Balzaretti  
Jonny's Drains Ltd

REAR GARDEN

FMH6  
(BURRIED)

ASSUMED LOCATION

FMH4

SWMH1

SWG

DECKING

DECKING

Rodding Eye  
ASSUMED LOCATION

RWDP

FWG

RWDP

RWDP

ASSUMED LOCATION

BLOCKED

SOAKAWAY?

RWDP

FWG

SVP

RWDP

ENTRANCE

RWDP

RWDP

SWMH3

SWMH2

FMH2

FMH1

FMH3

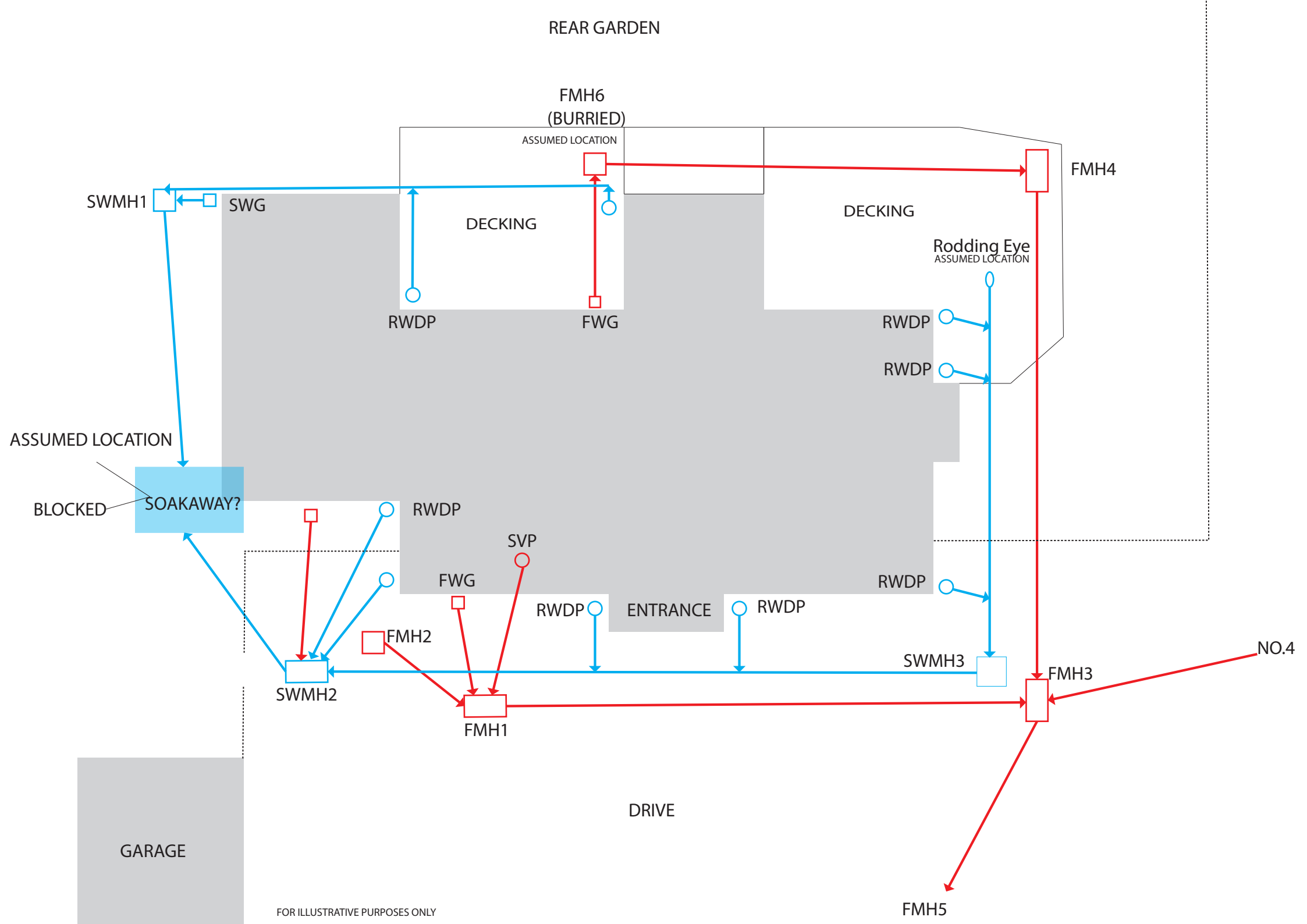
NO.4

DRIVE

GARAGE

FMH5

FOR ILLUSTRATIVE PURPOSES ONLY





## Table of Contents

Project Name	Project Number	Project Date
SAMPLE DRAIN SURVEY		18/10/2022

Project Information .....	P-2
Defect Grade Description (Section) .....	P-32
Section Item 1: MAIN > FMH1 (MAINX) .....	3
Section Item 2: FMH2 > FMH1 (FMH2X) .....	5
Section Item 3: SVP > FMH1 (SVPX) .....	7
Section Item 4: FMH1 > FMH3 (FMH1X) .....	9
Section Item 5: FMH4 > FMH3 (FMH4X) .....	11
Section Item 6: FMH3 > FMH5 (FMH3X) .....	13
Section Item 7: FMH6 > FMH4 (FMH6X) .....	15
Section Item 8: MAIN > FMH6 (MAINX) .....	17
Section Item 9: MAIN > SWMH1 (MAINX) .....	19
Section Item 10: SWMH1 > MAIN (SWMH1X) .....	22
Section Item 11: SWMH2 > MAIN (SWMH2X) .....	24
Section Item 12: MAIN > SWMH3 (MAINX) .....	26
Section Item 13: SWMH1 > SWMH3 (SWMH1X) .....	28
Section Item 14: SWMH3 > MAIN (SWMH3X) .....	30



**Jonny's Drains Ltd**

Ash Road, Westerham

Tel. 01959 928 853

info@jonnys-drains.co.uk

## Project Information

Project Name	Project Number	Project Date
SAMPLE DRAIN SURVEY		18/10/2022

### Contractor

**Company:** Jonny's Drains Ltd  
**Contact:** John Balzaretti  
**Street:** Ash Road  
**Town or City:** Westerham  
**County:** Kent  
**Post Code:** TN16 1EJ  
**Phone:** 01959 928 853  
**Email:** info@jonnys-drains.co.uk



## Defect Grade Description (Section)

Project Name		Project Number	Project Date
SAMPLE DRAIN SURVEY			18/10/2022
1:	<p>Brick: Minor structural defects.</p> <p>Other: Minor structural defects, i.e. open or displaced joints without additional characteristics.</p> <p><b>Acceptable structural condition.</b></p>		
2:	<p>Brick: Circumferential cracking. Single longitudinal crack. Surface mortar loss (depth missing &lt; 15 mm). Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Other: Circumferential cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p><b>Minimal collapse likelihood in the short term but potential for further deterioration.</b></p>		
3:	<p>Brick: Total mortar loss (depth missing &gt; 50 mm) without other defects. More than one longitudinal crack (at a single location). Multiple cracking. Single bricks displaced. Deformation &lt; 5%, no fracture and only moderate mortar loss. Surface damage - spalling medium (large areas of chipped brick). Surface damage - wear medium (entire surface of brick is missing).</p> <p>Other: Fracture with no deformation or deformation &lt; 5%. Longitudinal cracking or multiple cracking. Minor loss of level. Severe joint defects i.e. Surface damage - spalling medium. Surface damage - wear medium.</p> <p><b>Collapse unlikely in the near future but further deterioration likely</b></p>		
4:	<p>Brick: Total mortar loss (depth missing &gt; 50mm) with deformation &gt; 10%; deformation up to 10% and fractured; displaced or hanging brickwork; small number of missing bricks; dropped invert (drop &gt; 20mm); moderate loss of level; surface damage - large spalling (entire surface of brick is missing); surface damage - large wear (entire surface of brick is missing).</p> <p>Other: Broken; deformation up to 10% and broken; fracture with deformation 5-10%; multiple fractures; serious loss of level; serious joint defects with voids or soil visible (open joint with &gt; 50mm soil or void visible or joint displacement &gt; 25% of diameter); surface damage - entire area of pipe surface is missing or severely worn.</p> <p><b>Collapse likely in the foreseeable future</b></p>		
5:	<p>Brick: Already collapsed; missing Invert; deformation &gt; 10% and fractured; displaced or hanging brickwork and deformation &lt; 10%; extensive areas of missing brickwork.</p> <p>Other: Already collapsed; deformation &gt; 10% and broken; extensive areas of pipe fabric missing; fractures with deformation &gt; 10%</p> <p><b>Collapsed or collapse imminent</b></p>		

## Completed section inspection



Item No. 1	Insp. No. 1	Date 18/10/22	Time 6:46	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MAINX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: MAIN	
Road:		Inspected Length: 1.67 m		Upstream Pipe Depth: 0.000 m	
Location: Under a permanent building		Total Length: 1.67 m		Downstream Node: FMH1	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.550 m	
Use: Foul		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: 0.55 m</div> <div>FMH1</div> <div> <div></div> <div>0.00</div> </div> <div>0.00</div> <div>1.67</div> <div>MAIN</div> <div>Depth: 0.00 m</div> </div>						
	0.00	MH	Start node, manhole, reference: FMH1	00:00:01		
	0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
	1.67	GYF	Finish node, gully, reference: MAIN: GULLY	00:00:23		

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 - 18/10/2022 - MAINX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MAINX	01	



20221018-064827-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-064827-snap0001.jpg, 00:00:23, 1.67 m  
Finish node, gully, reference: MAIN, GULLY



## Completed section inspection



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	2	18/10/22	6:49	01	No Rain Or Snow	No	FMH2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: FMH2	
Road:		Inspected Length: 3.95 m		Upstream Pipe Depth: 0.350 m	
Location: Under a permanent building		Total Length: 3.95 m		Downstream Node: FMH1	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.550 m	
Use:	Foul	Pipe Shape:		Circular	
Type of Pipe:	Gravity drain/sewer	Dia/Height:		100 mm	
Flow Control:	No flow control	Pipe Material:		Polyvinyl chloride	
Year Constructed:	Not Specified	Lining Type:		No Lining	
Inspection Purpose:	Routine inspection of condition	Lining Material:		No Lining	

Comments:

Recommendations:

Scale: 1:50 Position [m] Code Observation MPEG Photo Grade

Depth: 0.55 m

FMH1



0.00

MH

Start node, manhole, reference: FMH1

00:00:01

0.00

WL

Water level, 0% of the vertical dimension

00:00:01

3.61

LR

Line deviates right

00:00:25

3.95

MHF

Finish node, manhole, reference: FMH2: MAIN RUN  
UNCAPPED

00:00:37

FMH2

Depth: 0.35 m

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 - 18/10/2022 - FMH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	FMH2X	01	



20221018-065023-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-065023-snap0001.jpg, 00:00:25, 3.61 m  
Line deviates right



20221018-065023-snap0002.jpg, 00:00:37, 3.95 m  
Finish node, manhole, reference: FMH2, MAIN RUN  
UNCAPPED

## Completed section inspection

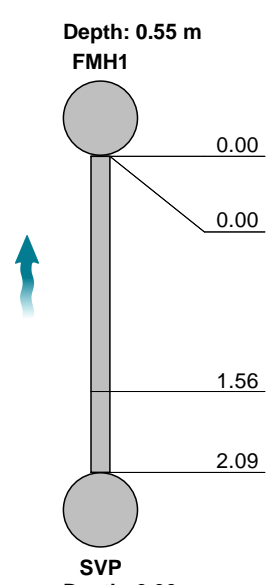


Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	3	18/10/22	6:52	01	No Rain Or Snow	No	SVPX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: SVP	
Road:		Inspected Length: 2.09 m		Upstream Pipe Depth: 0.000 m	
Location: Under a permanent building		Total Length: 2.09 m		Downstream Node: FMH1	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.550 m	
Use:	Foul	Pipe Shape:		Circular	
Type of Pipe:	Gravity drain/sewer	Dia/Height:		100 mm	
Flow Control:	No flow control	Pipe Material:		Polyvinyl chloride	
Year Constructed:	Not Specified	Lining Type:		No Lining	
Inspection Purpose:	Routine inspection of condition	Lining Material:		No Lining	

Comments:

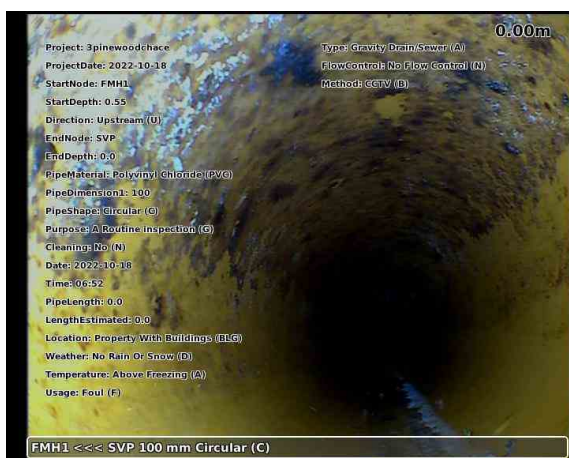
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
Depth: 0.55 m							
FMH1							
		0.00	MH	Start node, manhole, reference: FMH1	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		1.56	LU	Line deviates up	00:00:13		
		2.09	BRF	Finish node, major connection without manhole, reference: SVP: PAST REST BEND	00:00:20		
SVP							
Depth: 0.00 m							

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 - 18/10/2022 - SVPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	SVPX	01	



20221018-065214-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-065214-snap0001.jpg, 00:00:13, 1.56 m  
Line deviates up



20221018-065214-snap0002.jpg, 00:00:20, 2.09 m  
Finish node, major connection without manhole, reference:  
SVP, PAST REST BEND

## Completed section inspection



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	4	18/10/22	6:56	01	No Rain Or Snow	No	FMH1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction:	Downstream	Upstream Node:	FMH1
Road:		Inspected Length:	11.93 m	Upstream Pipe Depth:	0.550 m
Location:		Total Length:	11.93 m	Downstream Node:	FMH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.460 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition		Lining Material:	No Lining	

Comments:

Recommendations:

Scale:	1:104	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: 0.55 m</div> <div>FMH1</div> <div> <div>0.00</div> <div>0.00</div> </div> <div> <div>11.93</div> <div>FMH3</div> <div>Depth: 1.46 m</div> </div> </div>							
		0.00	MH	Start node, manhole, reference: FMH1	00:00:02		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
		11.93	MHF	Finish node, manhole, reference: FMH3	00:00:59		

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 - 18/10/2022 - FMH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	FMH1X	01	



20221018-065640-snap0000.jpg, 00:00:02, 0.00 m  
Water level, 0% of the vertical dimension



20221018-065640-snap0001.jpg, 00:00:59, 11.93 m  
Finish node, manhole, reference: FMH3



## Completed section inspection

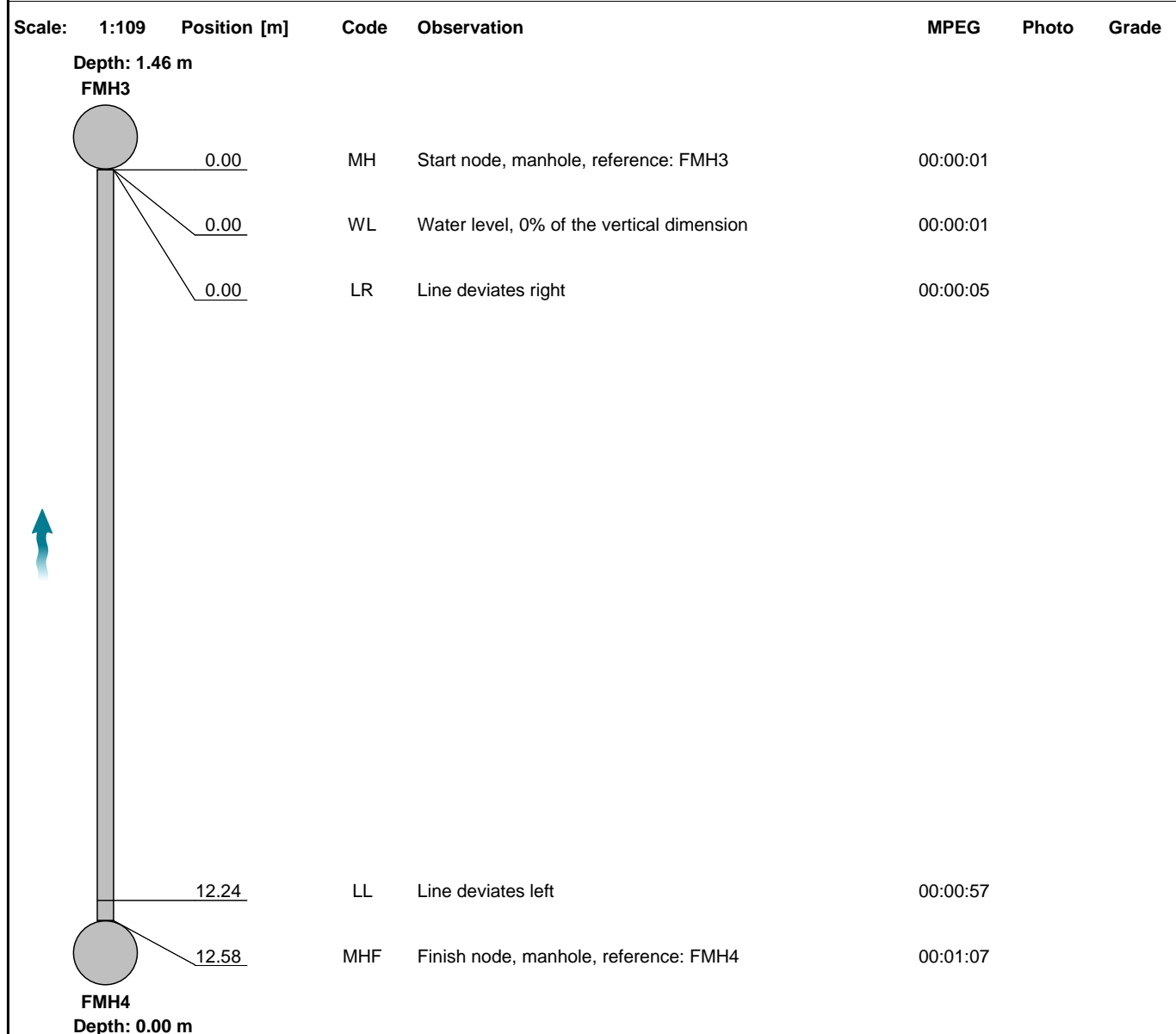


Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	5	18/10/22	7:02	01	No Rain Or Snow	No	FMH4X
Operator		Vehicle		Camera		Legal Status	
Not Specified		Not Specified		Not Specified		Not Specified	
				Preset Length		Alternative ID	
				Not Specified		Not Specified	

Town or Village:		Inspection Direction:		Upstream Node:		FMH4	
Road:		Inspected Length:		Upstream Pipe Depth:		0.000 m	
Location:		Under a permanent building		Total Length:		12.58 m	
Surface Type:		Joint Length:		Downstream Node:		FMH3	
Use:		Foul		Downstream Pipe Depth:		1.460 m	
Type of Pipe:		Gravity drain/sewer		Pipe Shape:		Circular	
Flow Control:		No flow control		Dia/Height:		100 mm	
Year Constructed:		Not Specified		Pipe Material:		Polyvinyl chloride	
Inspection Purpose:		Routine inspection of condition		Lining Type:		No Lining	
				Lining Material:		No Lining	

Comments:

Recommendations:



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 - 18/10/2022 - FMH4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	FMH4X	01	



20221018-070252-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-070252-snap0001.jpg, 00:00:05, 0.00 m  
Line deviates right



20221018-070252-snap0002.jpg, 00:00:57, 12.24 m  
Line deviates left



20221018-070252-snap0003.jpg, 00:01:07, 12.58 m  
Finish node, manhole, reference: FMH4



## Completed section inspection

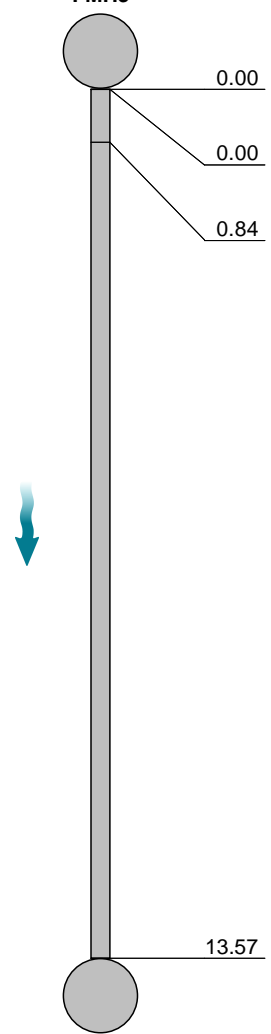


Item No. 6	Insp. No. 6	Date 18/10/22	Time 7:06	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR FMH3X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Downstream		Upstream Node: FMH3	
Road:		Inspected Length: 13.57 m		Upstream Pipe Depth: 1.460 m	
Location: Under a permanent building		Total Length: 13.57 m		Downstream Node: FMH5	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.000 m	
Use: Foul		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

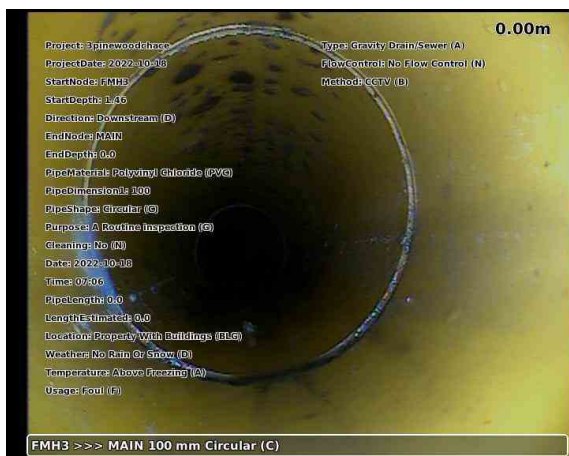
Recommendations:

Scale: 1:118	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.46 m FMH3						
0.00		MH	Start node, manhole, reference: FMH3	00:00:00		
0.00		WL	Water level, 0% of the vertical dimension	00:00:01		
0.84		WL	Water level, 10% of the vertical dimension	00:00:08		
						
13.57		MHF	Finish node, manhole, reference: FMH5	00:00:57		
FMH5 Depth: 0.00 m						

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 - 18/10/2022 - FMH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	FMH3X	01	



20221018-070631-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-070631-snap0001.jpg, 00:00:08, 0.84 m  
Water level, 10% of the vertical dimension



20221018-070631-snap0002.jpg, 00:00:57, 13.57 m  
Finish node, manhole, reference: FMH5

## Completed section inspection



Item No. 7	Insp. No. 7	Date 18/10/22	Time 7:18	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR FMH6X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: FMH6	
Road:		Inspected Length: 10.41 m		Upstream Pipe Depth: 0.000 m	
Location: Under a permanent building		Total Length: 10.41 m		Downstream Node: FMH4	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.700 m	
Use: Foul		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

Recommendations:

Scale:	1:91	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: 0.70 m</div><div>FMH4</div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div>&lt;</div></div></div></div>							

## Section Pictures - 18/10/2022 - FMH6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	FMH6X	01	



20221018-071836-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-071836-snap0001.jpg, 00:00:42, 10.15 m  
Line deviates left



20221018-071836-snap0002.jpg, 00:01:00, 10.41 m  
Finish node, manhole, reference: FMH6

## Completed section inspection



Item No. 8	Insp. No. 8	Date 18/10/22	Time 7:20	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MAINX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: MAIN	
Road:		Inspected Length: 4.29 m		Upstream Pipe Depth: 0.000 m	
Location: Under a permanent building		Total Length: 4.29 m		Downstream Node: FMH6	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.000 m	
Use: Foul		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m FMH6						
0.00		MH	Start node, manhole, reference: FMH6	00:00:00		
0.00		WL	Water level, 0% of the vertical dimension	00:00:01		
3.80		DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:34		3
4.10		LL	Line deviates left	00:00:40		
4.29		GYF	Finish node, gully, reference: MAIN: GULLY	00:00:50		
MAIN Depth: 0.00 m						

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	0.5	2.0	3.0

## Section Pictures - 18/10/2022 - MAINX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Upstream	MAINX	01	



20221018-072019-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-072019-snap0001.jpg, 00:00:34, 3.80 m  
Settled deposits, fine, 10% cross-sectional area loss



20221018-072019-snap0002.jpg, 00:00:40, 4.10 m  
Line deviates left



20221018-072019-snap0003.jpg, 00:00:50, 4.29 m  
Finish node, gully, reference: MAIN, GULLY

## Completed section inspection

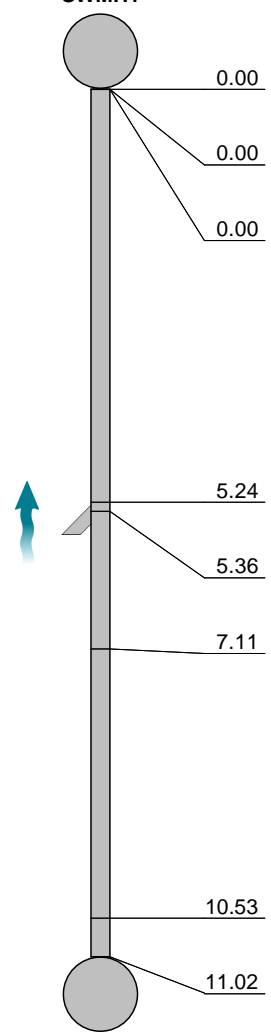


Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	9	18/10/22	7:35	01	No Rain Or Snow	No	MAINX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: MAIN	
Road:		Inspected Length: 11.02 m		Upstream Pipe Depth: 0.000 m	
Location: Under a permanent building		Total Length: 11.02 m		Downstream Node: SWMH1	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.280 m	
Use: Surface water		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

Recommendations:

Scale:	1:96	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <p>Depth: 0.28 m</p> <p>SWMH1</p>  </div>							
		0.00	MH	Start node, manhole, reference: SWMH1	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.00	LR	Line deviates right	00:00:08		
		5.24	LR	Line deviates right	00:00:34		
		5.36	JN	Junction at 3 o'clock, diameter: 100mm	00:00:37		
		7.11	WL	Water level, 50% of the vertical dimension	00:00:48		
		10.53	WL	Water level, 100% of the vertical dimension	00:01:08		
		11.02	BRF	Finish node, major connection without manhole, reference: MAIN: RWDP	00:01:44		
<p>MAIN</p> <p>Depth: 0.00 m</p>							

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 - 18/10/2022 - MAINX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	MAINX	01	



20221018-073624-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-073624-snap0001.jpg, 00:00:08, 0.00 m  
Line deviates right



20221018-073624-snap0002.jpg, 00:00:34, 5.24 m  
Line deviates right



20221018-073624-snap0003.jpg, 00:00:37, 5.36 m  
Junction at 3 o'clock, diameter: 100mm



20221018-073624-snap0004.jpg, 00:00:48, 7.11 m  
Water level, 50% of the vertical dimension



20221018-073624-snap0005.jpg, 00:01:08, 10.53 m  
Water level, 100% of the vertical dimension



## Section Pictures - 18/10/2022 - MAINX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	MAINX	01	



20221018-073624-snap0006.jpg, 00:01:44, 11.02 m  
 Finish node, major connection without manhole, reference:  
 MAIN, RWDP

## Abandoned section inspection

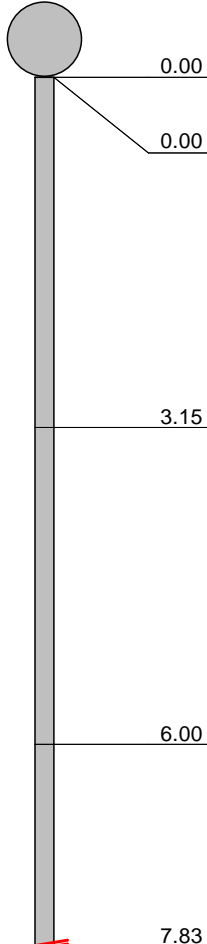


Item No. 10	Insp. No. 10	Date 18/10/22	Time 7:41	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR SWMH1X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Downstream		Upstream Node: SWMH1	
Road:		Inspected Length: 7.83 m		Upstream Pipe Depth: 0.280 m	
Location: Under a permanent building		Total Length: 7.83 m		Downstream Node: MAIN	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.000 m	
Use: Surface water		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

Recommendations:

Scale: 1:68	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.28 m SWMH1						
						
	0.00	MH	Start node, manhole, reference: SWMH1	00:00:00		
	0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
	3.15	WL	Water level, 100% of the vertical dimension	00:00:14		
	6.00	LD	Line deviates down	00:00:33		
	7.83	SA	Survey abandoned: UNABLE TO CONTINUE	00:00:55		

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 - 18/10/2022 - SWMH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Downstream	SWMH1X	01	



20221018-074145-snap0000.jpg, 00:00:02, 0.00 m  
Water level, 0% of the vertical dimension



20221018-074145-snap0001.jpg, 00:00:14, 3.15 m  
Water level, 100% of the vertical dimension



20221018-074145-snap0002.jpg, 00:00:33, 6.00 m  
Line deviates down



20221018-074145-snap0003.jpg, 00:00:55, 7.83 m  
Survey abandoned, UNABLE TO CONTINUE

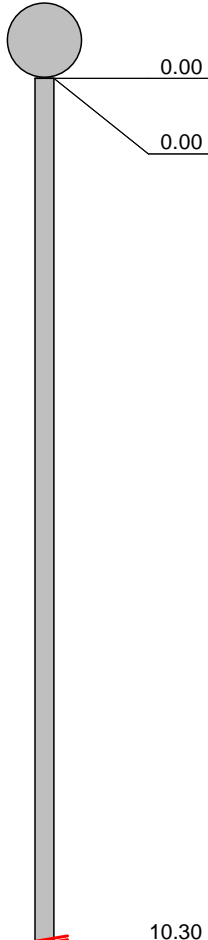
## Abandoned section inspection



Item No. 11	Insp. No. 11	Date 18/10/22	Time 7:48	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR SWMH2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Downstream		Upstream Node: SWMH2	
Road:		Inspected Length: 10.30 m		Upstream Pipe Depth: 0.850 m	
Location: Under a permanent building		Total Length: 10.30 m		Downstream Node: MAIN	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.000 m	
Use: Surface water		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:  
Recommendations:

Scale: 1:90	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.85 m SWMH2						
						
	0.00	MH	Start node, manhole, reference: SWMH2	00:00:01		
	0.00	WL	Water level, 100% of the vertical dimension	00:00:03		
	10.30	SA	Survey abandoned: UNABLE TO CONTINUE	00:01:01		

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 - 18/10/2022 - SWMH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Downstream	SWMH2X	01	



20221018-074911-snap0000.jpg, 00:00:01, 0.00 m  
Start node, manhole, reference: SWMH2



20221018-074911-snap0001.jpg, 00:00:03, 0.00 m  
Water level, 100% of the vertical dimension



20221018-074911-snap0002.jpg, 00:01:01, 10.30 m  
Survey abandoned, UNABLE TO CONTINUE

## Section Inspection



Item No. 12	Insp. No. 12	Date 18/10/22	Time 8:18	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MAINX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: MAIN	
Road:		Inspected Length: 7.75 m		Upstream Pipe Depth: 0.000 m	
Location: Under a permanent building		Total Length: 7.75 m		Downstream Node: SWMH3	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.560 m	
Use: Surface water		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 100 mm			
Flow Control: No flow control		Pipe Material: Polyvinyl chloride			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Routine inspection of condition		Lining Material: No Lining			

Comments:

Recommendations:

Scale:1:68

Position [m]

Code

Observation

MPEG

Photo

Grade

Depth: 0.56 m

SWMH3

</

## Section Pictures - 18/10/2022 - MAINX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Upstream	MAINX	01	



20221018-081931-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 30% of the vertical dimension



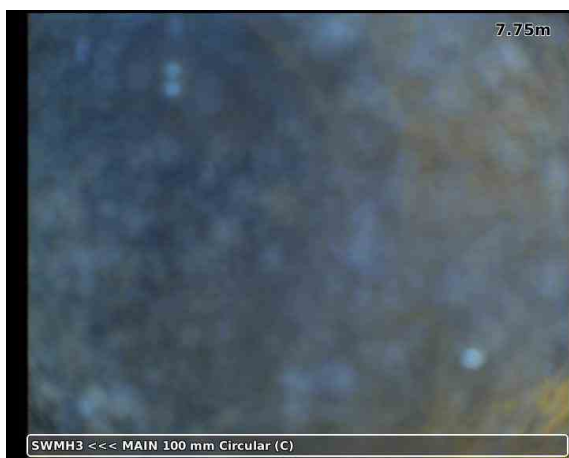
20221018-081931-snap0001.jpg, 00:00:07, 0.00 m  
Line deviates right



20221018-081931-snap0002.jpg, 00:00:37, 4.37 m  
Junction at 1 o'clock, diameter: 100mm, RWDP



20221018-081931-snap0003.jpg, 00:00:48, 7.33 m  
Water level, 100% of the vertical dimension



20221018-081931-snap0004.jpg, 00:00:52, 7.75 m  
Junction at 3 o'clock, diameter: 100mm, RWDP



## Completed section inspection

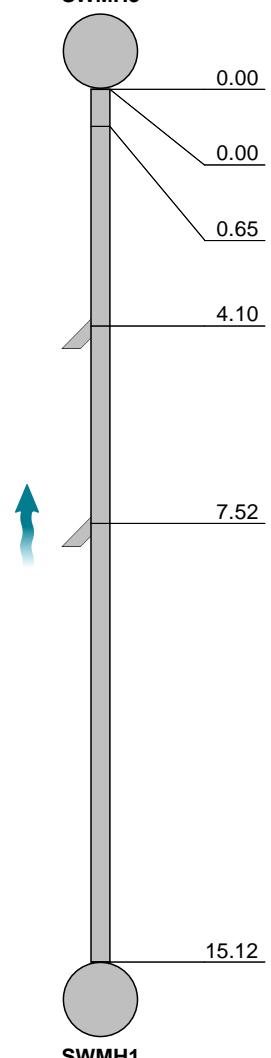


Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
13	13	18/10/22	8:30	01	No Rain Or Snow	No	SWMH1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

<b>Town or Village:</b>		<b>Inspection Direction:</b> Upstream		<b>Upstream Node:</b> SWMH1	
<b>Road:</b>		<b>Inspected Length:</b> 15.12 m		<b>Upstream Pipe Depth:</b> 0.000 m	
<b>Location:</b> Under a permanent building		<b>Total Length:</b> 15.12 m		<b>Downstream Node:</b> SWMH3	
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b> 0.560 m	
<b>Use:</b> Surface water		<b>Pipe Shape:</b> Circular			
<b>Type of Pipe:</b> Gravity drain/sewer		<b>Dia/Height:</b> 100 mm			
<b>Flow Control:</b> No flow control		<b>Pipe Material:</b> Polyvinyl chloride			
<b>Year Constructed:</b> Not Specified		<b>Lining Type:</b> No Lining			
<b>Inspection Purpose:</b> Routine inspection of condition		<b>Lining Material:</b> No Lining			

**Comments:**

**Recommendations:**

Scale:	1:131	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div> <div>Depth: 0.56 m</div> <div>SWMH3</div>  </div> </div>							
		0.00	MH	Start node, manhole, reference: SWMH3	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.65	WL	Water level, 30% of the vertical dimension	00:00:09		
		4.10	JN	Junction at 1 o'clock, diameter: 100mm: RWDP	00:00:22		
		7.52	JN	Junction at 2 o'clock, diameter: 100mm: RWDP	00:00:40		
		15.12	MHF	Finish node, manhole, reference: SWMH1	00:01:03		
<div> <div>SWMH1</div> <div>Depth: 0.00 m</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	0	0.0	0.0	0.0	1.0



## Section Pictures - 18/10/2022 - SWMH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
13	Upstream	SWMH1X	01	



20221018-083031-snap0000.jpg, 00:00:01, 0.00 m  
Water level, 0% of the vertical dimension



20221018-083031-snap0001.jpg, 00:00:09, 0.65 m  
Water level, 30% of the vertical dimension



20221018-083031-snap0002.jpg, 00:00:22, 4.10 m  
Junction at 1 o'clock, diameter: 100mm, RWDP



20221018-083031-snap0003.jpg, 00:00:40, 7.52 m  
Junction at 2 o'clock, diameter: 100mm, RWDP



20221018-083031-snap0004.jpg, 00:01:03, 15.12 m  
Finish node, manhole, reference: SWMH1

## Completed section inspection



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
14	14	18/10/22	8:33	01	No Rain Or Snow	No	SWMH3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

<b>Town or Village:</b>		<b>Inspection Direction:</b> Downstream		<b>Upstream Node:</b> SWMH3	
<b>Road:</b>		<b>Inspected Length:</b> 8.28 m		<b>Upstream Pipe Depth:</b> 0.560 m	
<b>Location:</b> Under a permanent building		<b>Total Length:</b> 8.28 m		<b>Downstream Node:</b> MAIN	
<b>Surface Type:</b>		<b>Joint Length:</b>		<b>Downstream Pipe Depth:</b> 0.000 m	
<b>Use:</b> Surface water		<b>Pipe Shape:</b> Circular			
<b>Type of Pipe:</b> Gravity drain/sewer		<b>Dia/Height:</b> 100 mm			
<b>Flow Control:</b> No flow control		<b>Pipe Material:</b> Polyvinyl chloride			
<b>Year Constructed:</b> Not Specified		<b>Lining Type:</b> No Lining			
<b>Inspection Purpose:</b> Routine inspection of condition		<b>Lining Material:</b> No Lining			

**Comments:**

**Recommendations:**

Scale:	1:72	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div><div><div>Depth: 0.56 m</div><div>SWMH3</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: SWMH3</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:01</td></tr><tr><td>1.94</td><td>JN</td><td>Junction at 9 o'clock, diameter: 100mm: RWDP</td><td>00:00:14</td></tr><tr><td>6.65</td><td>JN</td><td>Junction at 9 o'clock, diameter: 100mm: RWDP</td><td>00:00:29</td></tr><tr><td>7.68</td><td>JN</td><td>Junction at 9 o'clock, diameter: 100mm</td><td>00:00:55</td></tr><tr><td>8.28</td><td>REF</td><td>Finish node, rodding eye, reference: MAIN: HIDDEN</td><td>00:01:18</td></tr></table><div><div>MAIN</div><div>Depth: 0.00 m</div></div></div>								0.00	MH	Start node, manhole, reference: SWMH3	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:01	1.94	JN	Junction at 9 o'clock, diameter: 100mm: RWDP	00:00:14	6.65	JN	Junction at 9 o'clock, diameter: 100mm: RWDP	00:00:29	7.68	JN	Junction at 9 o'clock, diameter: 100mm	00:00:55	8.28	REF	Finish node, rodding eye, reference: MAIN: HIDDEN	00:01:18
0.00	MH	Start node, manhole, reference: SWMH3	00:00:01																												
0.00	WL	Water level, 0% of the vertical dimension	00:00:01																												
1.94	JN	Junction at 9 o'clock, diameter: 100mm: RWDP	00:00:14																												
6.65	JN	Junction at 9 o'clock, diameter: 100mm: RWDP	00:00:29																												
7.68	JN	Junction at 9 o'clock, diameter: 100mm	00:00:55																												
8.28	REF	Finish node, rodding eye, reference: MAIN: HIDDEN	00:01:18																												

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 - 18/10/2022 - SWMH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Downstream	SWMH3X	01	



20221018-083343-snap0000.jpg, 00:00:01, 0.00 m  
 Water level, 0% of the vertical dimension



20221018-083343-snap0001.jpg, 00:00:14, 1.94 m  
 Junction at 9 o'clock, diameter: 100mm, RWDP



20221018-083343-snap0002.jpg, 00:00:29, 6.65 m  
 Junction at 9 o'clock, diameter: 100mm, RWDP



20221018-083343-snap0003.jpg, 00:00:55, 7.68 m  
 Junction at 9 o'clock, diameter: 100mm



20221018-083343-snap0004.jpg, 00:01:18, 8.28 m  
 Finish node, rodding eye, reference: MAIN, HIDDEN