



**Project**

**Project Name:** Sandbarn 1 and 2, Tarporley 29-07-2022

**Project Date:** 7/29/2022

**Inspection Standard:** MSCC4 Sewers & Drainage GB (SRM4 Scoring)

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Sandbarn 1 and 2, Tarporley 29-07-2022

**Project Number**

**Project Date**  
7/29/2022

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## Project Information

**Project Name**  
Sandbarn 1 and 2, Tarporley 29-07-2022

**Project Number**

**Project Date**  
7/29/2022

### Client

**Company:** Sandbarn 1 and 2  
**Street:** Rode Street  
**Town or City:** Tarporley  
**Post Code:** CW6 0EF

### Manager

**Company:** Sandbarn 1 and 2  
**Street:** Rode Street  
**Town or City:** Tarporley  
**Post Code:** CW6 0EF

### Contractor

**Company:** Envirocare Northwest  
**Town or City:** Wardle  
**Phone:** 01270759755

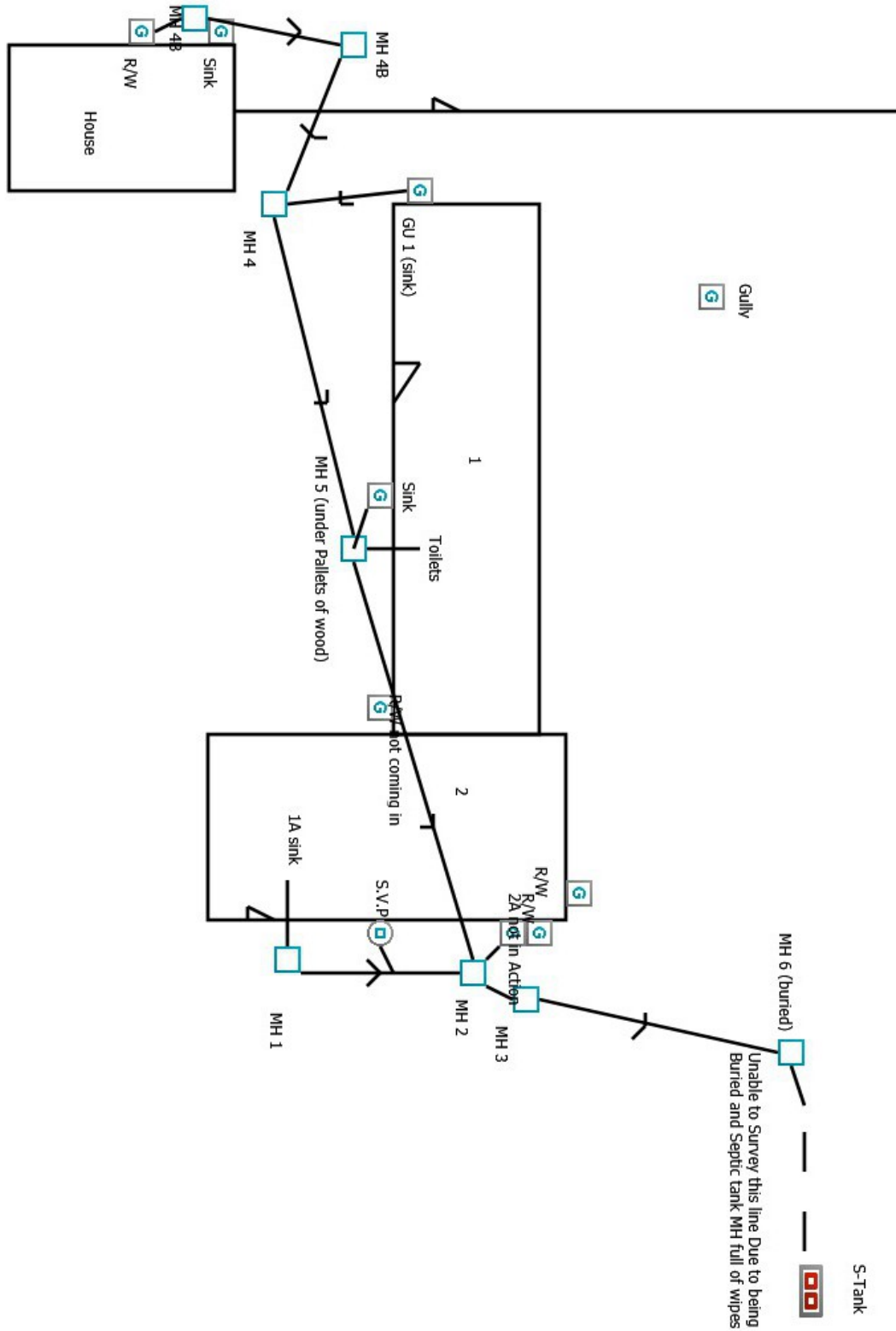
## Project Information

**Project Name**  
Sandbarn 1 and 2, Tarporley 29-07-2022

**Project Number**

**Project Date**  
7/29/2022

## Project Drawing



## Scoring Summary

**Project Name**  
Sandbarn 1 and 2, Tarporley 29-07-2022

**Project Number**

**Project Date**  
7/29/2022

### Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

### 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
5	GU1X	4	Settled deposits, coarse, 35% cross-sectional area loss

### Abandoned Surveys

Section	PLR	Description
11	S-TankX	Survey abandoned

### Information

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

## Section Summary

<b>Project Name</b> Sandbarn 1 and 2, Tarporley 29-07-2022	<b>Project Number</b>	<b>Project Date</b> 7/29/2022
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Number of sections	11
Total length of sewer network	95.09 m
Inspected length of sewer network	80.37 m
Not inspected length of sewer network	14.72 m
Total abandoned inspections	1
Number of section inspection photos	12
Number of section inspection videos	11
Number of section inspection scans	0
Number of section inclination measurements	0

<b>PLR:</b> 1AX	<b>Upstream Node:</b> 1A
<b>Inspection Direction:</b> Upstream	<b>Downstream Node:</b> MH 1
<b>Inspected Length:</b> 0.38 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 0.38 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 1
2	0.01	WL	Water level, 5% of the vertical dimension
3	0.38	LU	Line deviates up

<b>PLR:</b> MH 1X	<b>Upstream Node:</b> MH 1
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH 2
<b>Inspected Length:</b> 6.62 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 6.62 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 1
2	0.01	WL	Water level, 5% of the vertical dimension
3	1.63	JN	Junction at 10 o'clock, diameter: 100mm
4	1.63	JDM	Joint displaced, medium
5	5.95	JDM	Joint displaced, medium
6	6.62	MHF	Finish node type, manhole, reference number: MH 2

<b>PLR:</b> MH 2X	<b>Upstream Node:</b> MH 2
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH 3
<b>Inspected Length:</b> 1.44 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 1.44 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 2
2	0.01	WL	Water level, 5% of the vertical dimension

## Section Summary

<b>Project Name</b> Sandbarn 1 and 2, Tarporley 29-07-2022	<b>Project Number</b>	<b>Project Date</b> 7/29/2022
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No.	m+	Code	Observation
3	0.96	JDM	Joint displaced, medium
4	0.96	MCPVC	Material changes to polyvinyl chloride
5	1.15	LL	Line deviates left
6	1.44	MHF	Finish node type, manhole, reference number: MH 3

<b>PLR:</b> 2AX	<b>Upstream Node:</b> 2A
<b>Inspection Direction:</b> Upstream	<b>Downstream Node:</b> MH 2
<b>Inspected Length:</b> 0.57 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 0.57 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 2
2	0.01	WL	Water level, 5% of the vertical dimension
3	0.20	DES	Settled deposits, fine, 25% cross-sectional area loss
4	0.28	JDM	Joint displaced, medium
5	0.57	LD	Line deviates down

<b>PLR:</b> GU1X	<b>Upstream Node:</b> GU1
<b>Inspection Direction:</b> Upstream	<b>Downstream Node:</b> MH 4
<b>Inspected Length:</b> 7.68 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 7.68 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 4
2	0.01	WL	Water level, 5% of the vertical dimension
3	0.10	LR	Line deviates right
4	0.67	RF	Roots, fine
5	4.32	DES	Settled deposits, fine, 15% cross-sectional area loss
6	4.32	JDM	Joint displaced, medium
7	4.32	RFJ	Roots, fine at joint
8	5.08	DER	Settled deposits, coarse, 35% cross-sectional area loss
9	7.68	GYF	Finish node type, gully, reference number: GU1

<b>PLR:</b> 4AX	<b>Upstream Node:</b> 4A
<b>Inspection Direction:</b> Upstream	<b>Downstream Node:</b> MH 4
<b>Inspected Length:</b> 8.73 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 8.73 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 4
2	0.01	WL	Water level, 5% of the vertical dimension
3	1.72	LL	Line deviates left
4	6.04	LR	Line deviates right
5	8.73	MHF	Finish node type, manhole, reference number: 4A

<b>PLR:</b> 4BX	<b>Upstream Node:</b> 4B
<b>Inspection Direction:</b> Upstream	<b>Downstream Node:</b> 4A
<b>Inspected Length:</b> 4.57 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 4.57 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

## Section Summary

<b>Project Name</b> Sandbarn 1 and 2, Tarporley 29-07-2022	<b>Project Number</b>	<b>Project Date</b> 7/29/2022
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No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: 4A
2	0.01	WL	Water level, 5% of the vertical dimension
3	3.28	JN	Junction at 10 o'clock, diameter: 100mm
4	4.57	MHF	Finish node type, manhole, reference number: 4B

<b>PLR:</b> MH 4X	<b>Upstream Node:</b> MH 4
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH 5
<b>Inspected Length:</b> 10.51 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 10.51 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 4
2	0.01	WL	Water level, 5% of the vertical dimension
3	0.87	WL	Water level, 10% of the vertical dimension
4	1.92	JDM	Joint displaced, medium
5	8.64	JDM	Joint displaced, medium
6	10.20	WL	Water level, 20% of the vertical dimension
7	10.51	MHF	Finish node type, manhole, reference number: MH 5

<b>PLR:</b> MH 5X	<b>Upstream Node:</b> MH 5
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> MH 2
<b>Inspected Length:</b> 10.55 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 10.55 m	<b>Pipe Material:</b> Vitrified clay pipe (i.e. all clayware)

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 5
2	0.01	WL	Water level, 30% of the vertical dimension
3	0.09	JDM	Joint displaced, medium
4	2.26	JN	Junction at 3 o'clock, diameter: 100mm
5	2.78	JDM	Joint displaced, medium
6	8.56	WL	Water level, 10% of the vertical dimension
7	10.55	MHF	Finish node type, manhole, reference number: MH 2

<b>PLR:</b> MH 3X	<b>Upstream Node:</b> MH 3
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> S-Tank
<b>Inspected Length:</b> 29.04 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 29.04 m	<b>Pipe Material:</b> Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: MH 3
2	0.01	WL	Water level, 5% of the vertical dimension
3	3.26	WL	Water level, 10% of the vertical dimension
4	8.36	WL	Water level, 5% of the vertical dimension
5	12.94	WL	Water level, 10% of the vertical dimension
6	15.23	JDM	Joint displaced, medium
7	19.92	WL	Water level, 5% of the vertical dimension
8	28.53	SC	Size changes, new size(s), 100mm high
9	29.04	MHF	Finish node type, manhole, reference number: S-Tank



## Section Summary

<b>Project Name</b> Sandbarn 1 and 2, Tarporley 29-07-2022	<b>Project Number</b>	<b>Project Date</b> 7/29/2022
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<b>PLR:</b> S-TankX	<b>Upstream Node:</b> S-Tank
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> Outfall
<b>Inspected Length:</b> 0.28 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 15.00 m	<b>Pipe Material:</b> Polyvinyl chloride

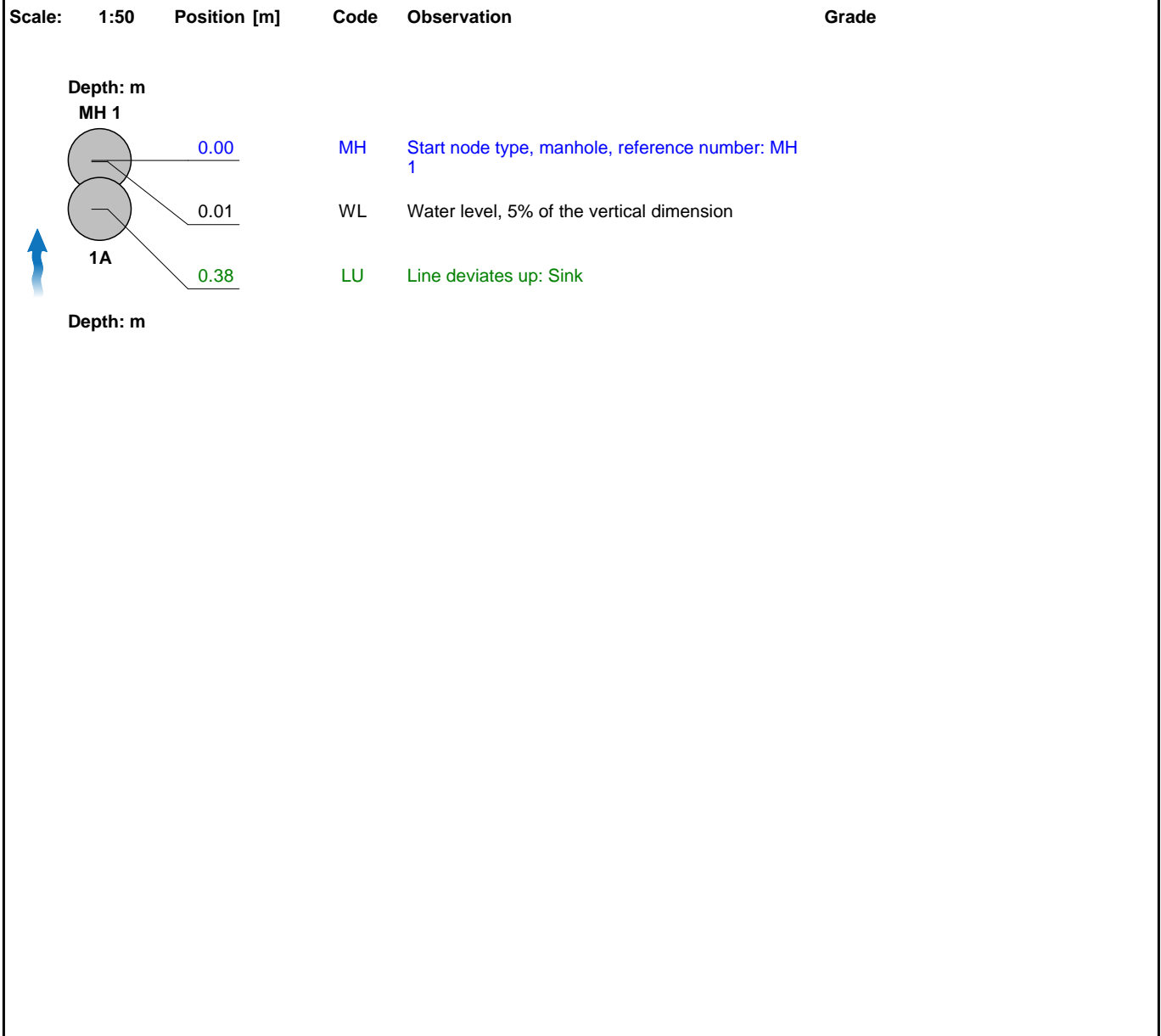
No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: S-Tank
2	0.01	WL	Water level, 5% of the vertical dimension
3	0.10	DER	Settled deposits, coarse, 70% cross-sectional area loss
4	0.28	SA	Survey abandoned

## Section Inspection - 7/29/2022 - 1AX

Section 1	Inspection 1	Date 29/07/22	Time 16:03	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR 1AX
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: 1A
Road:	Inspected Length: 0.38 m	Upstream Pipe Depth:
Location:	Total Length: 0.38 m	Downstream Node: MH 1
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



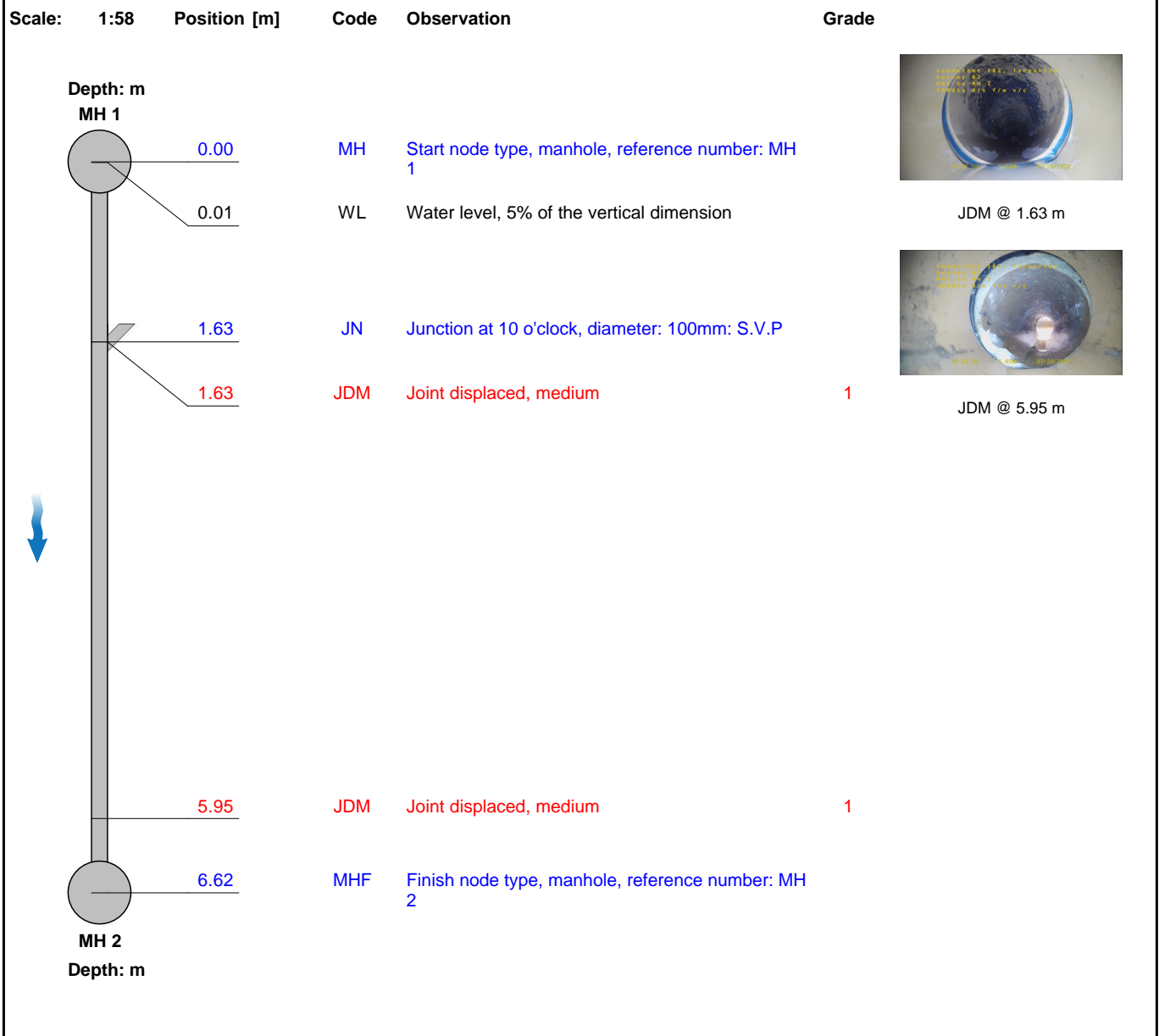
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

## Section Inspection - 7/29/2022 - MH 1X

Section 2	Inspection 2	Date 29/07/22	Time 16:06	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR MH 1X
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: MH 1
Road:	Inspected Length: 6.62 m	Upstream Pipe Depth:
Location:	Total Length: 6.62 m	Downstream Node: MH 2
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

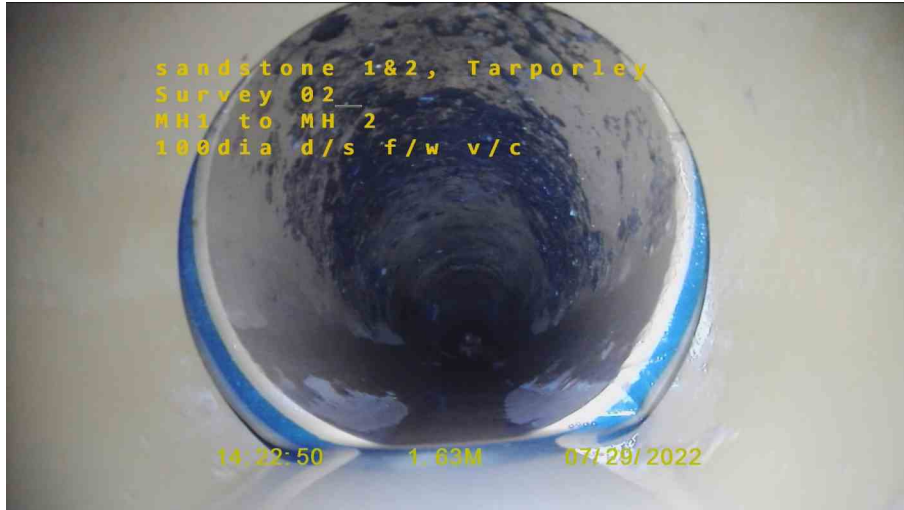
**Comments:**  
**Recommendations:**



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	0.3	2.0	1.0	0	0.0	0.0	0.0	1.0

## Section Pictures - 7/29/2022 - MH 1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH 1X		



MH 1X\_1e856d60-60ba-4474-a598-72f01a6bfee4\_20220729\_160936\_853.jpg, 00:00:30, 1.63  
m  
Joint displaced, medium



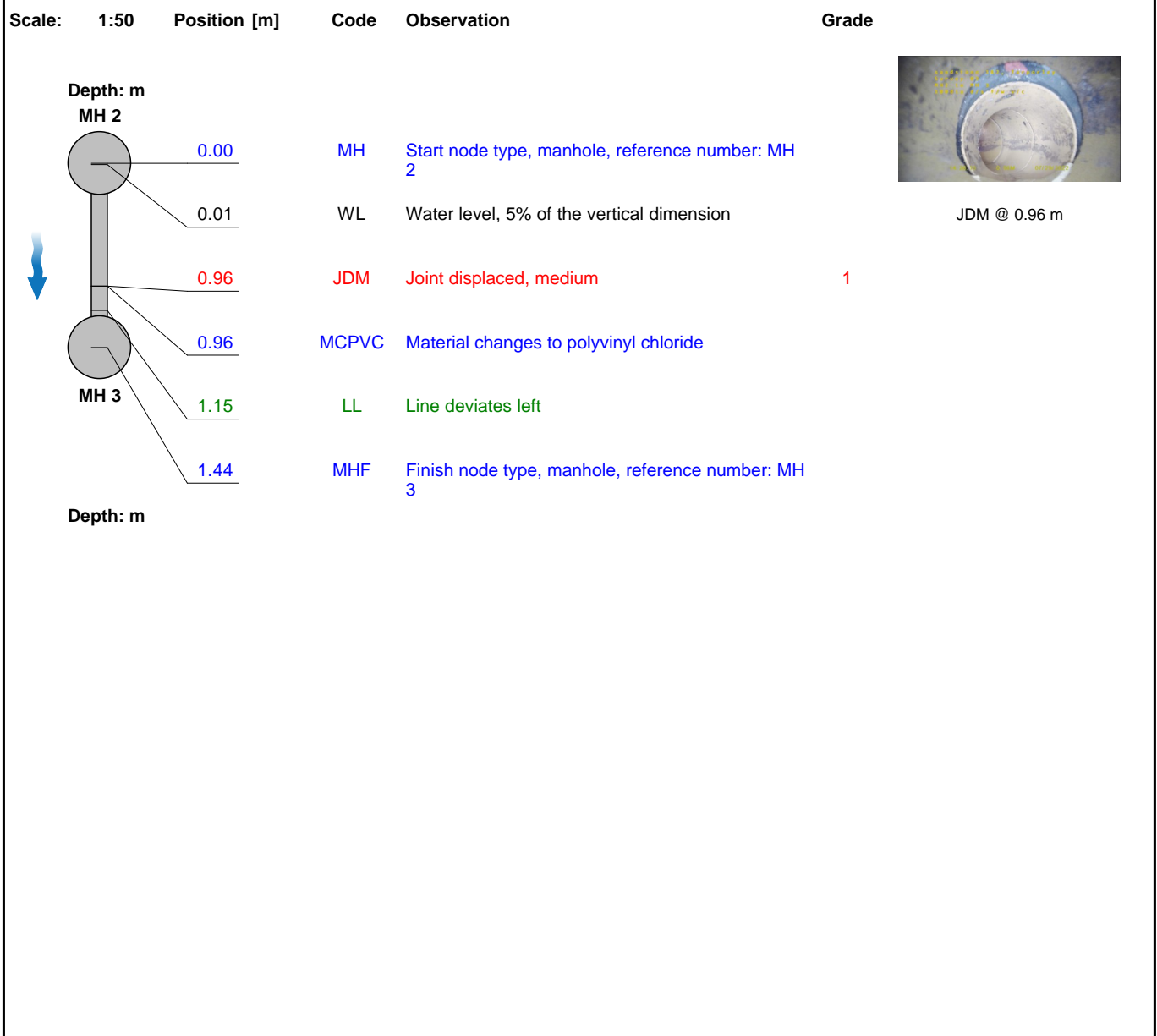
MH 1X\_0023ac56-a4f5-4e78-a38b-39d076f0cd99\_20220729\_161027\_832.jpg, 00:01:08, 5.95  
m  
Joint displaced, medium

## Section Inspection - 7/29/2022 - MH 2X

Section 3	Inspection 3	Date 29/07/22	Time 16:10	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR MH 2X
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: MH 2
Road:	Inspected Length: 1.44 m	Upstream Pipe Depth:
Location:	Total Length: 1.44 m	Downstream Node: MH 3
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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	0.9	1.0	1.0	0	0.0	0.0	0.0	1.0

## Section Pictures - 7/29/2022 - MH 2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH 2X		



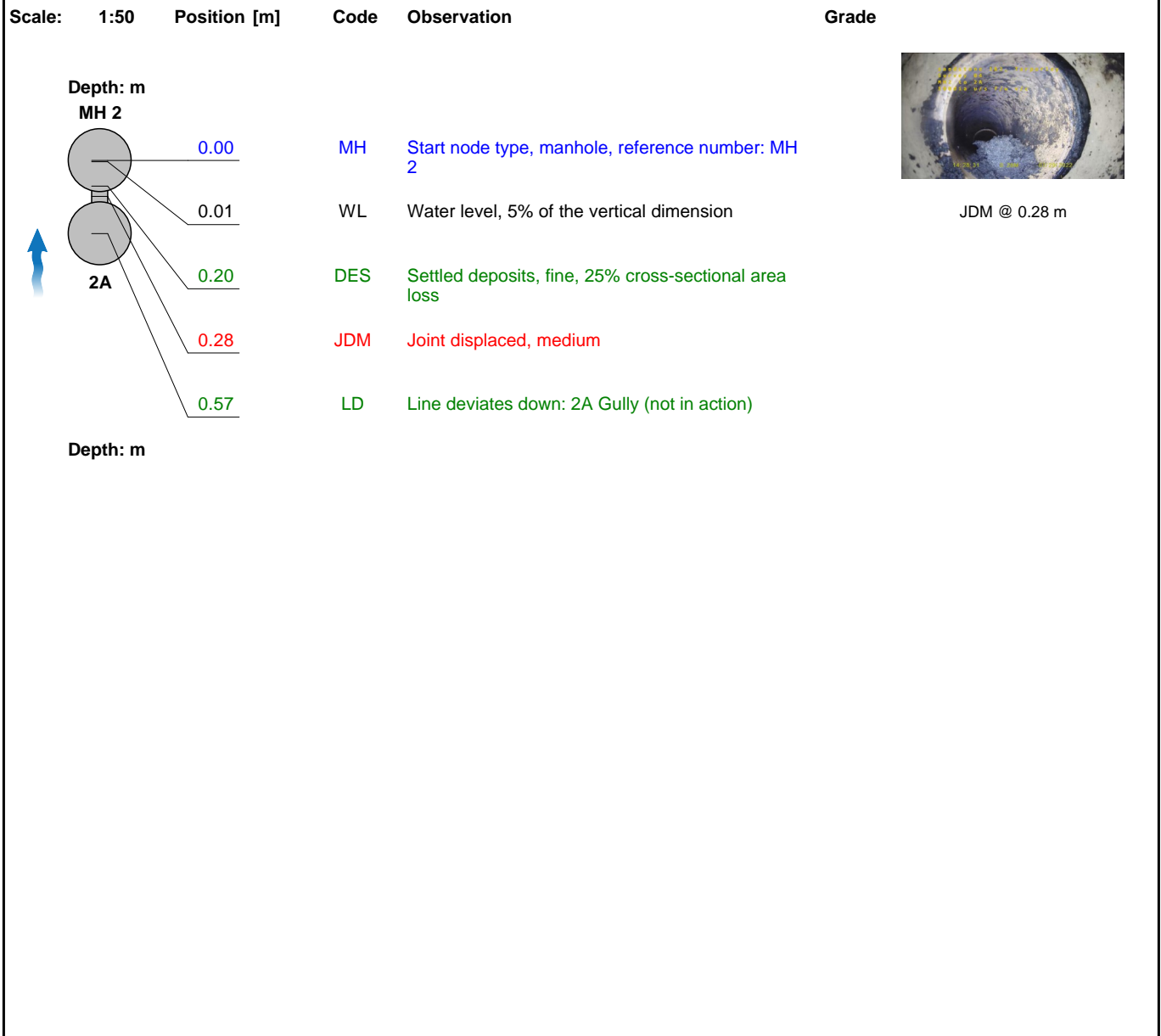
MH 2X\_ee084e23-5be9-4afd-8df4-13e92c44d8c0\_20220729\_161306\_891.jpg, 00:00:17, 0.96  
m  
Joint displaced, medium

## Section Inspection - 7/29/2022 - 2AX

Section 4	Inspection 4	Date 29/07/22	Time 16:14	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR 2AX
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: 2A
Road:	Inspected Length: 0.57 m	Upstream Pipe Depth:
Location:	Total Length: 0.57 m	Downstream Node: MH 2
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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 - 7/29/2022 - 2AX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	2AX		



2AX\_b9eef41d-b704-432d-9a8f-ce02de6b06b7\_20220729\_161632\_476.jpg, 00:00:12, 0.28 m  
Joint displaced, medium

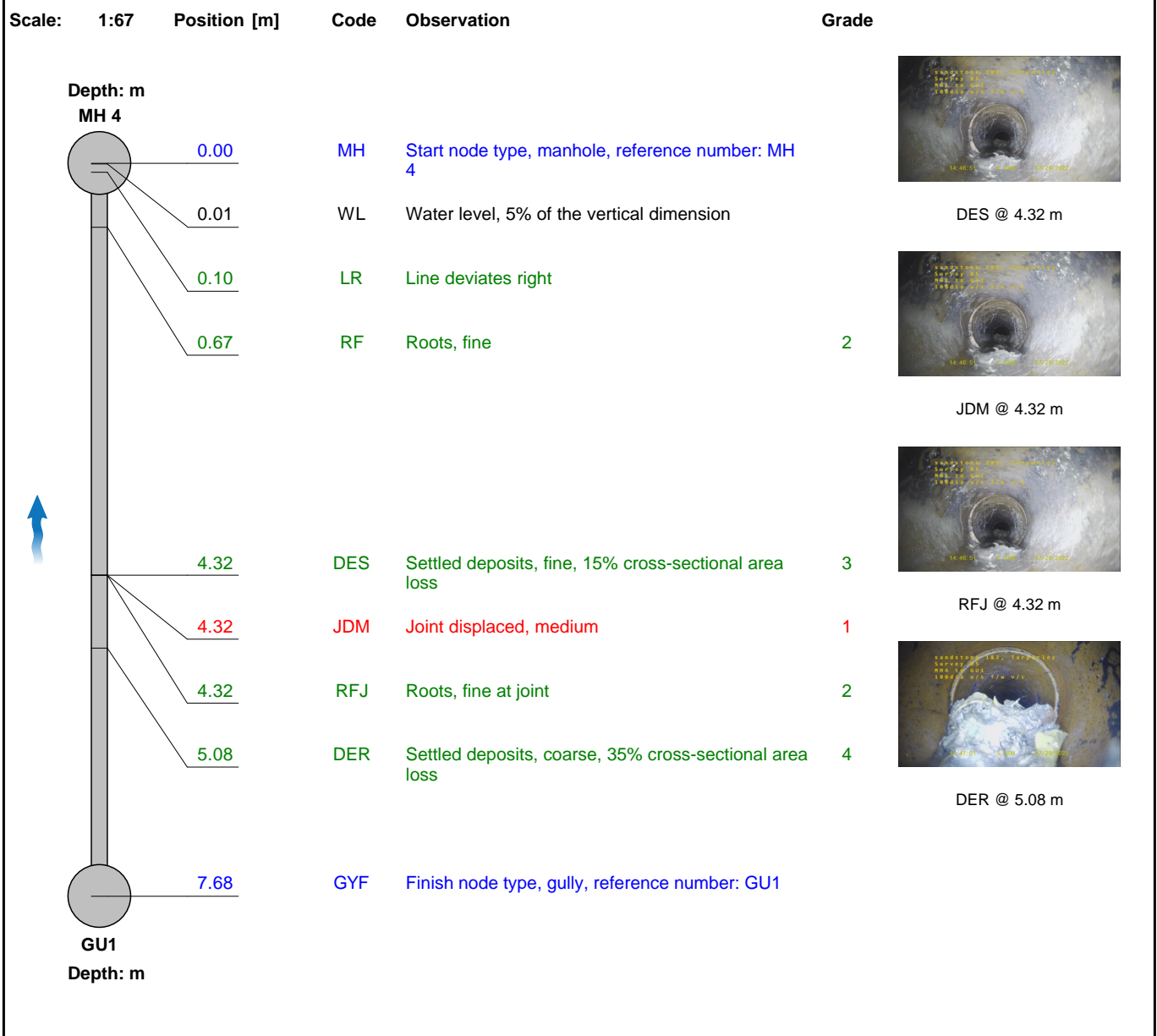


## Section Inspection - 7/29/2022 - GU1X

Section 5	Inspection 5	Date 29/07/22	Time 16:17	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR GU1X
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: GU1
Road:	Inspected Length: 7.68 m	Upstream Pipe Depth:
Location:	Total Length: 7.68 m	Downstream Node: MH 4
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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	0.2	1.0	1.0	4	5.0	1.8	9.0	4.0

## Section Pictures - 7/29/2022 - GU1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	GU1X		



GU1X\_159935f1-e943-4bbf-917c-08b571e269dc\_20220729\_162028\_195.jpg, 00:00:37, 4.32  
m  
Settled deposits, fine, 15% cross-sectional area loss



GU1X\_337aec0a-ce45-4485-b1ab-c49e8cc39dd0\_20220729\_162038\_416.jpg, 00:00:37, 4.32  
m  
Joint displaced, medium

## Section Pictures - 7/29/2022 - GU1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	GU1X		



GU1X\_78412ee0-7ada-4252-87ba-8e5fa5d03b40\_20220729\_162056\_784.jpg, 00:00:37, 4.32  
m  
Roots, fine at joint



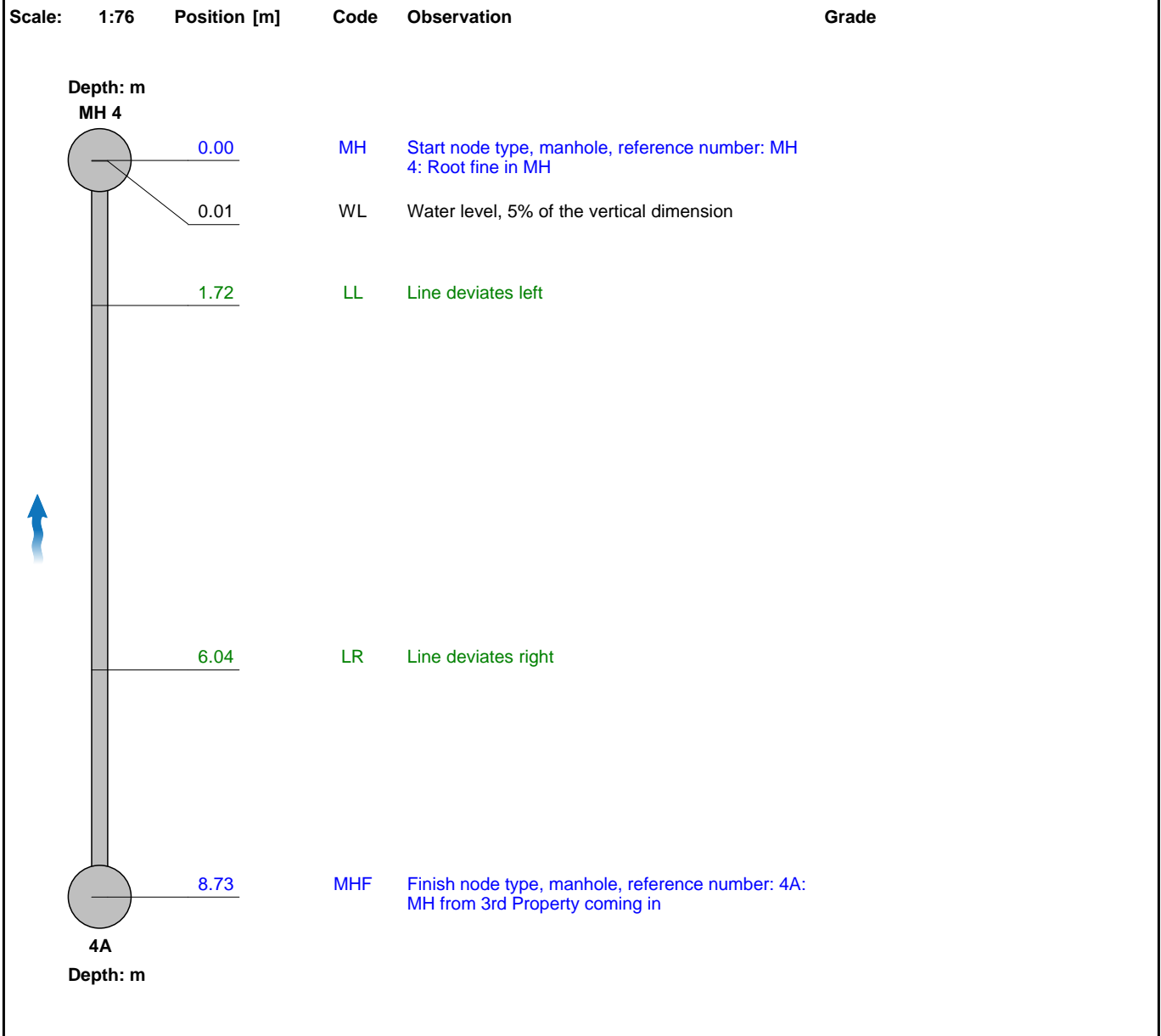
GU1X\_2e384199-7d52-425a-81c6-0adef25e5c91\_20220729\_162546\_858.jpg, 00:00:45, 5.08  
m  
Settled deposits, coarse, 35% cross-sectional area loss

## Section Inspection - 7/29/2022 - 4AX

Section 6	Inspection 6	Date 29/07/22	Time 16:26	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR 4AX
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: 4A
Road:	Inspected Length: 8.73 m	Upstream Pipe Depth:
Location:	Total Length: 8.73 m	Downstream Node: MH 4
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



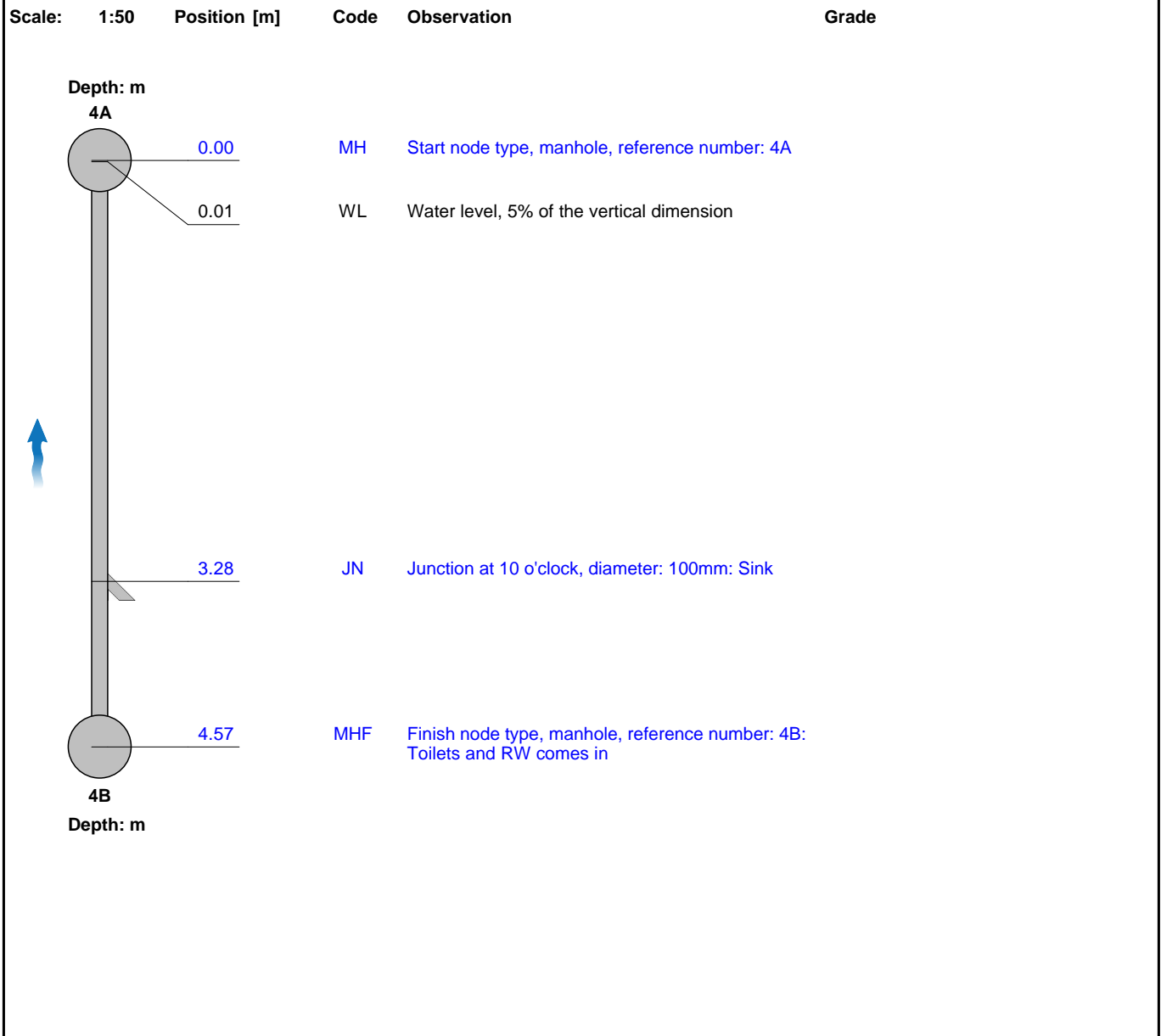
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

## Section Inspection - 7/29/2022 - 4BX

Section 7	Inspection 7	Date 29/07/22	Time 16:30	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR 4BX
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: 4B
Road:	Inspected Length: 4.57 m	Upstream Pipe Depth:
Location:	Total Length: 4.57 m	Downstream Node: 4A
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



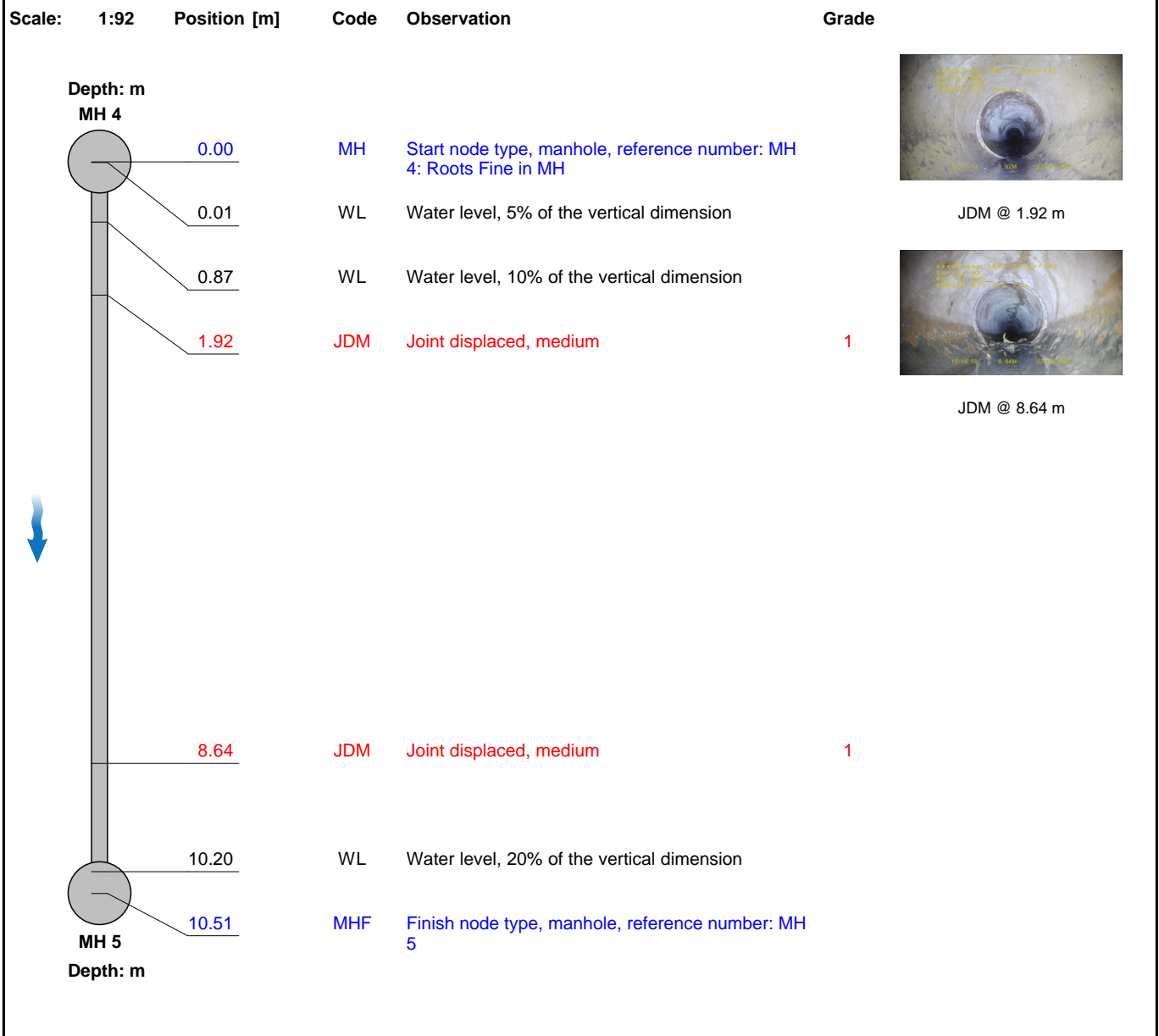
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

## Section Inspection - 7/29/2022 - MH 4X

Section 8	Inspection 8	Date 29/07/22	Time 16:34	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR MH 4X
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: MH 4
Road:	Inspected Length: 10.51 m	Upstream Pipe Depth:
Location:	Total Length: 10.51 m	Downstream Node: MH 5
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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	0	0.0	0.0	0.0	1.0



## Section Pictures - 7/29/2022 - MH 4X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	MH 4X		



MH 4X\_c45fb9b0-7eb8-4a4e-912a-c2cd59281794\_20220729\_163609\_708.jpg, 00:00:13, 1.92  
m  
Joint displaced, medium



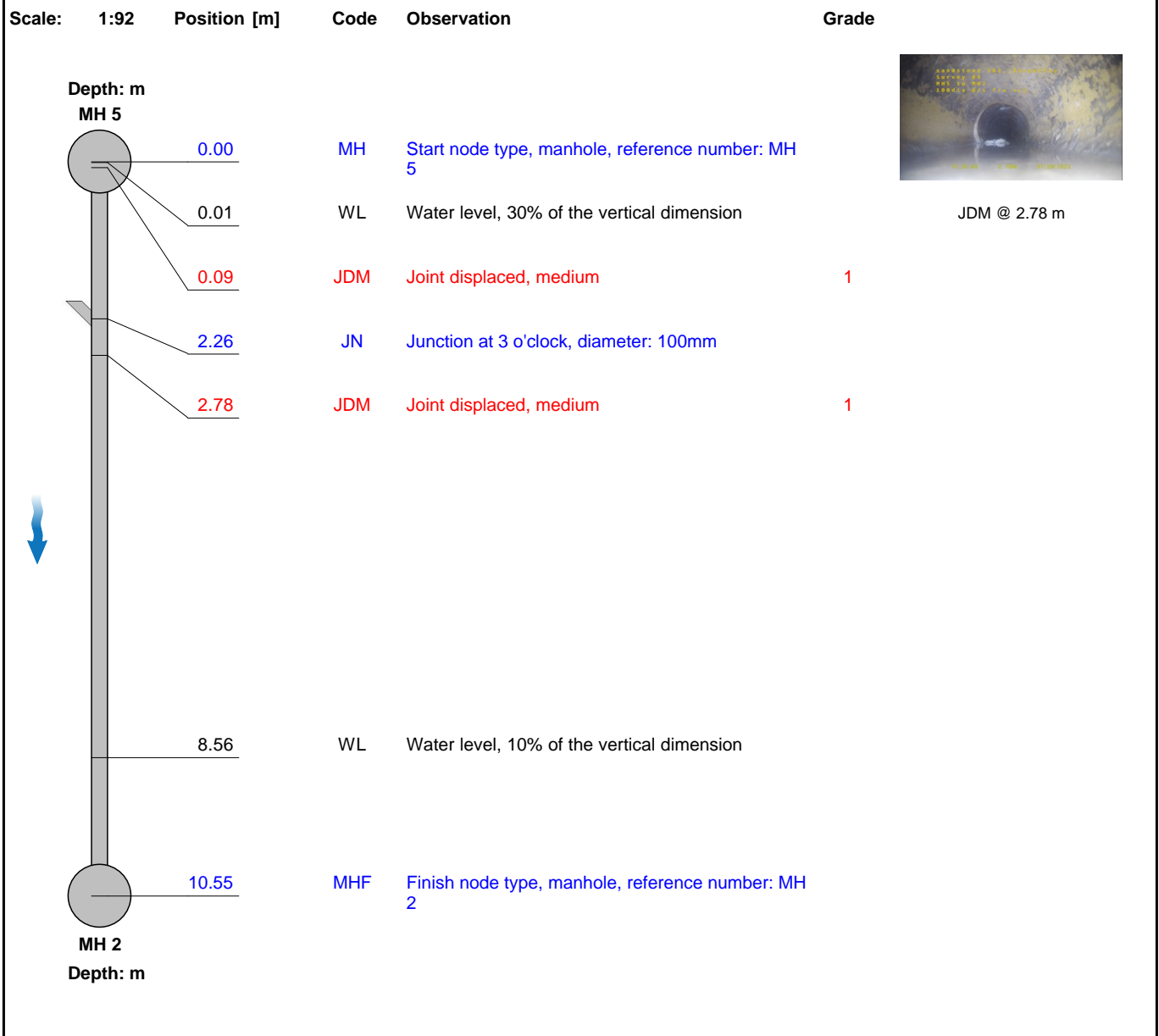
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m  
Joint displaced, medium

## Section Inspection - 7/29/2022 - MH 5X

Section 9	Inspection 9	Date 29/07/22	Time 16:46	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR MH 5X
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: MH 5
Road:	Inspected Length: 10.55 m	Upstream Pipe Depth:
Location:	Total Length: 10.55 m	Downstream Node: MH 2
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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	0	0.0	0.0	0.0	1.0



## Section Pictures - 7/29/2022 - MH 5X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Downstream	MH 5X		



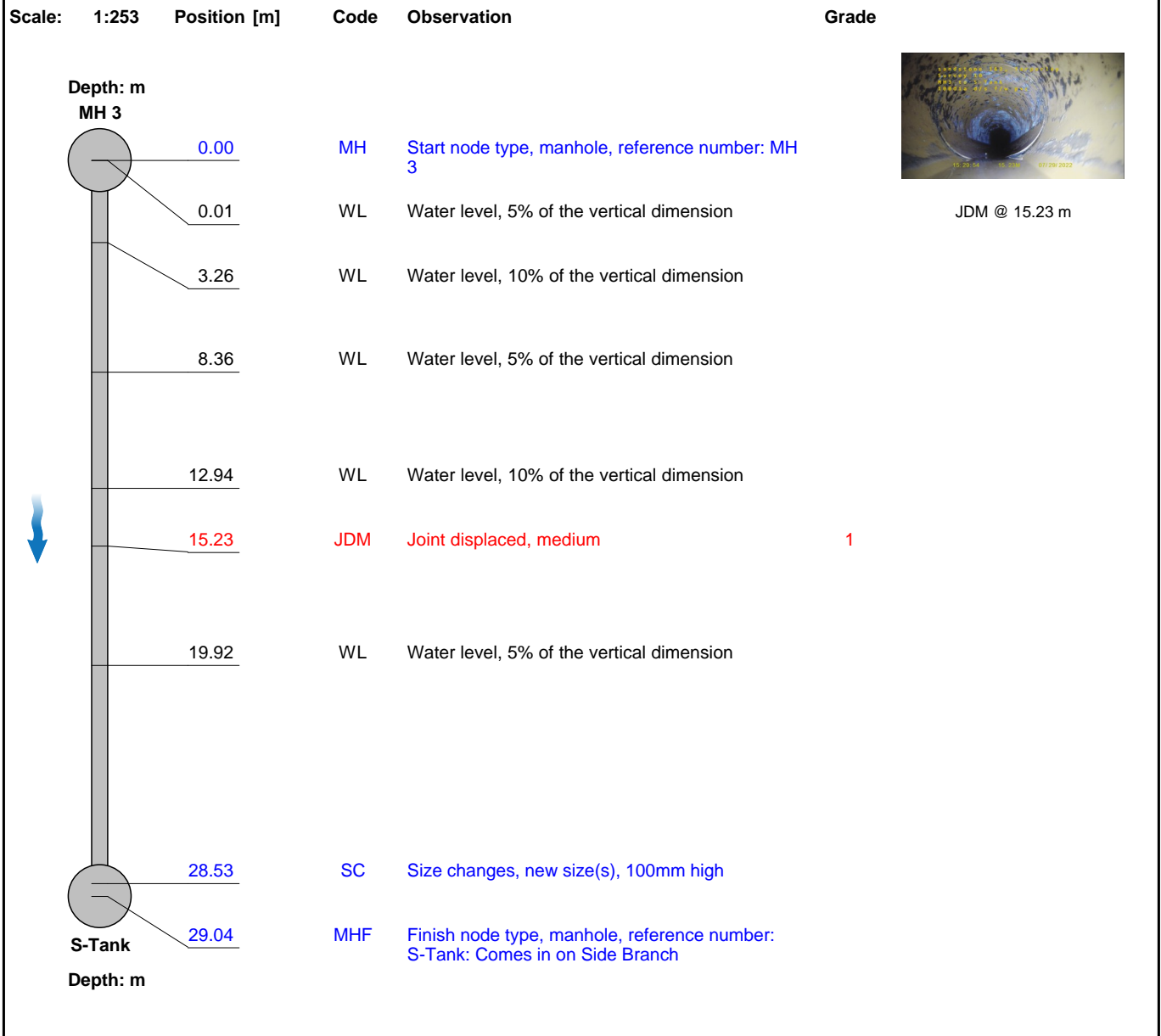
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m  
Joint displaced, medium

## Section Inspection - 7/29/2022 - MH 3X

Section 10	Inspection 10	Date 29/07/22	Time 16:53	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR MH 3X
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: MH 3
Road:	Inspected Length: 29.04 m	Upstream Pipe Depth:
Location:	Total Length: 29.04 m	Downstream Node: S-TANK
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 150 mm	
Year Constructed:	Pipe Material: Polyvinyl chloride	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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	0	0.0	0.0	0.0	1.0

## Section Pictures - 7/29/2022 - MH 3X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Downstream	MH 3X		



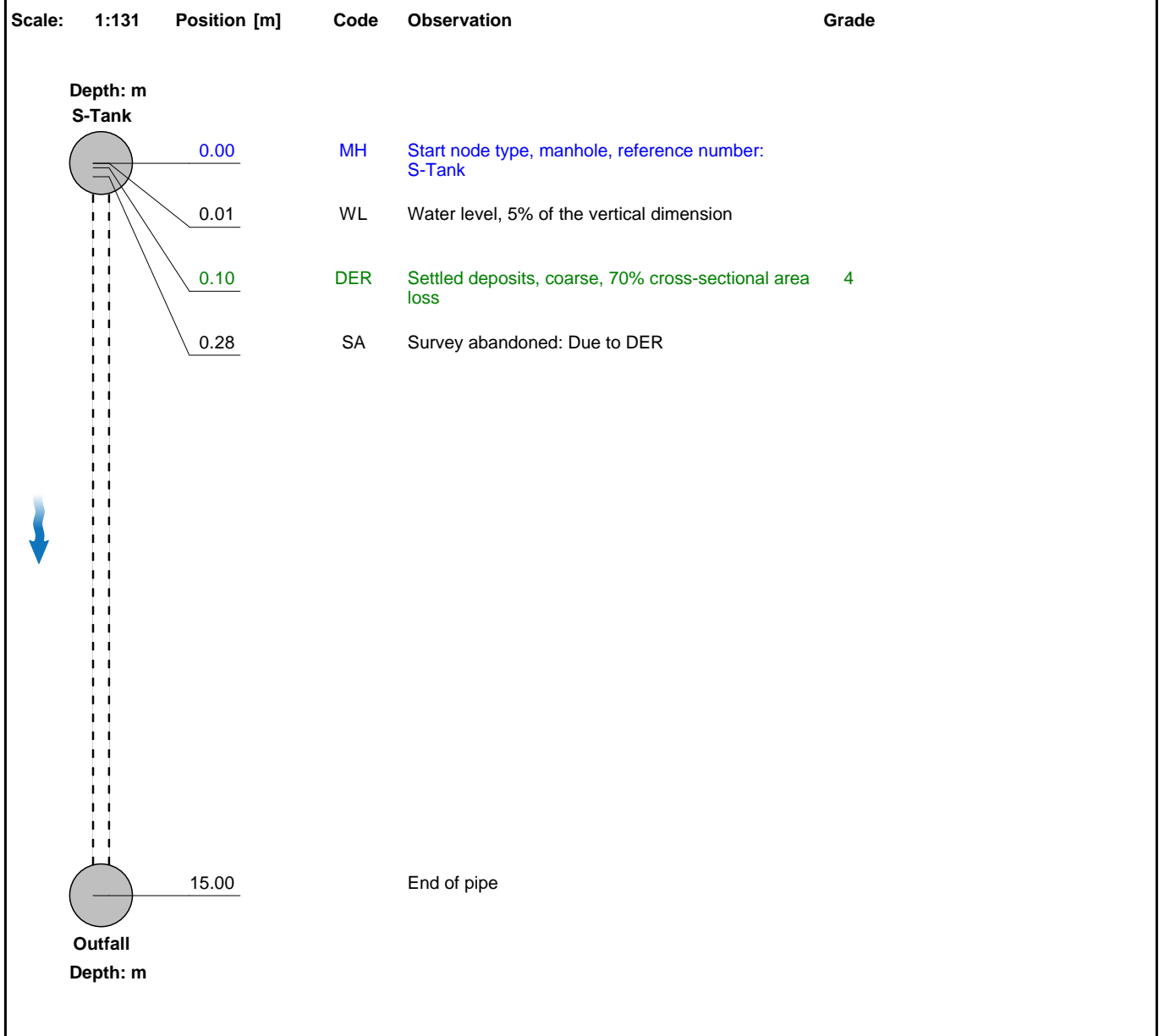
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15.23 m  
Joint displaced, medium

## Section Inspection - 7/29/2022 - S-TankX

Section 11	Inspection 11	Date 29/07/22	Time 17:24	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR S-TANKX
Operator Dylan		Vehicle VEHICLE 1		Camera Camera 1	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: S-TANK
Road:	Inspected Length: 0.28 m	Upstream Pipe Depth:
Location:	Total Length: 15.00 m	Downstream Node: OUTFALL
Surface Type:	Joint Length: 0.00 m	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 100 mm	
Year Constructed:	Pipe Material: Polyvinyl chloride	
Flow Control: No flow control	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

**Comments:**  
**Recommendations:**



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	8.0	80.0	8.0	5.0