

## Project Information

**Project Name**  
873325 Waddesdon

**Project Number**

**Project Date**  
02/02/2024

### Client

**Company:** Waddesdon Church of England School

### Site

**Company:** School Lane

**Description:** Waddesdon

**Contact:** Aylesbury

**Department:** HP18 0LQ

### Contractor

**Company:** Metro Rod

**Street:** Bicester Road

**Town or City:** Marsh Gibbon

**County:** Oxon

**Post Code:** OX27 0GB

**Phone:** 01869 277702

**Email:** oxford@metrorod.co.uk

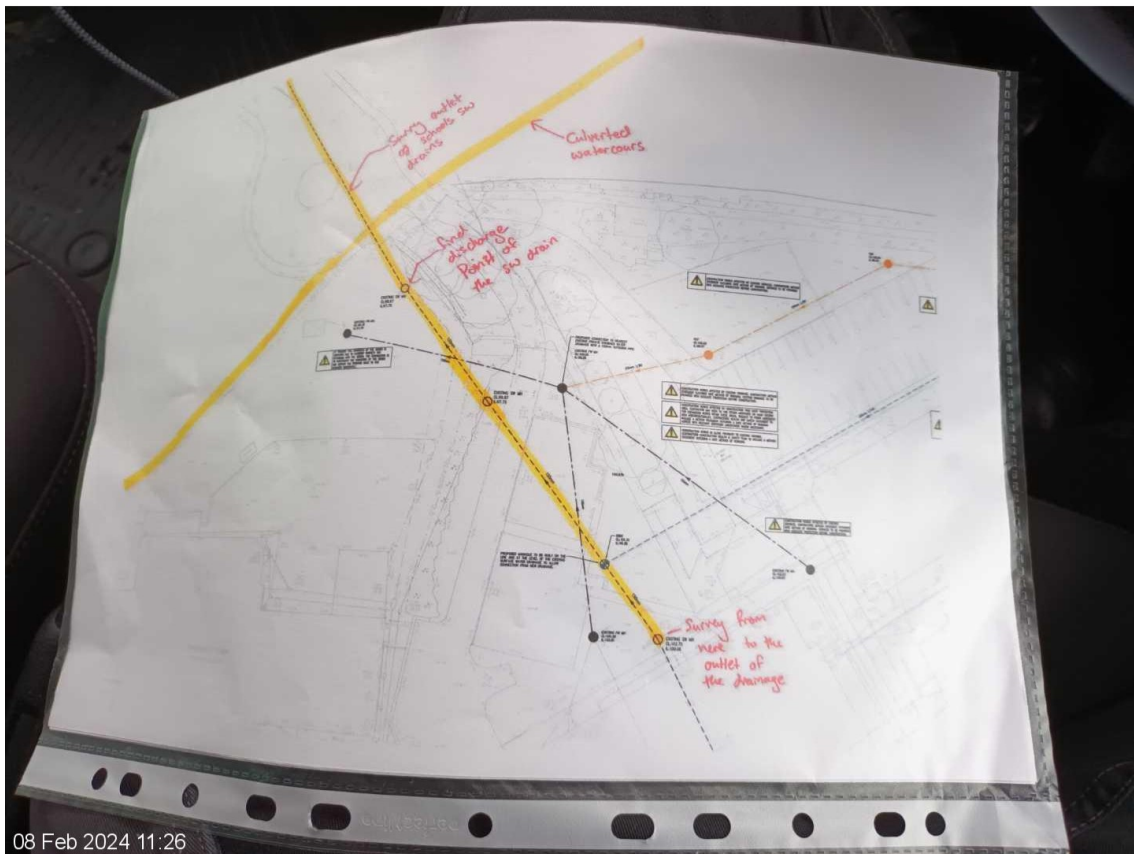
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873325 Waddesdon

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02/02/2024

### Project Drawing, Page '873325 Waddesdon'



08 Feb 2024 11:26

## Scoring Summary

**Project Name**  
873325 Waddesdon

**Project Number**

**Project Date**  
02/02/2024

### 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
2	SWMH3X	5	Other obstacles from 4 o'clock to 9 o'clock, 55% cross-sectional area loss

### Abandoned Surveys

Section	PLR	Description
1	TankX	Survey abandoned
2	SWMH3X	Survey abandoned
4	SWMH1X	Survey abandoned

### Information

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

## Section Summary

<b>Project Name</b> 873325 Waddesdon	<b>Project Number</b>	<b>Project Date</b> 02/02/2024
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Number of sections	4
Total length of sections	54.21 m
Total length of inspected sections	54.21 m
Total length of not inspected sections	0.00 m
Number of abandoned inspections	3
Number of section inspection photos	2
Number of section inspection videos	4
Number of section inspection scans	0
Number of section inclination measurements	0

<b>PLR:</b> TankX	<b>Upstream Node:</b> Tank
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> Outfall
<b>Inspected Length:</b> 2.31 m	<b>Dia/Height:</b> 100 mm
<b>Total Length:</b> 2.31 m	<b>Pipe Material:</b> Vitrified clay

No.	m+	Code	Observation
1	0.01	MH	Start node, manhole, reference: Tank
2	0.01	WL	Water level, 0% of the vertical dimension
3	0.82	REM	General remark
4	1.26	WL	Water level, 100% of the vertical dimension
5	2.31	SA	Survey abandoned

<b>PLR:</b> SWMH3X	<b>Upstream Node:</b> SWMH3
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> SWMH4
<b>Inspected Length:</b> 6.84 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 6.84 m	<b>Pipe Material:</b> Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SWMH3
2	0.00	WL	Water level, 0% of the vertical dimension
3	6.68	OBZ	Other obstacles from 4 o'clock to 9 o'clock, 55% cross-sectional area loss
4	6.84	SA	Survey abandoned

<b>PLR:</b> SWMH2X	<b>Upstream Node:</b> SWMH2
<b>Inspection Direction:</b> Downstream	<b>Downstream Node:</b> SWMH3
<b>Inspected Length:</b> 23.21 m	<b>Dia/Height:</b> 150 mm
<b>Total Length:</b> 23.21 m	<b>Pipe Material:</b> Vitrified clay

No.	m+	Code	Observation
1	0.01	MH	Start node, manhole, reference: SWMH2
2	0.01	WL	Water level, 0% of the vertical dimension

## Section Summary

<b>Project Name</b> 873325 Waddesdon	<b>Project Number</b>	<b>Project Date</b> 02/02/2024
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No.	m+	Code	Observation
3	23.21	MHF	Finish node, manhole, reference: SWMH3

<b>PLR:</b>	SWMH1X	<b>Upstream Node:</b>	SWMH1
<b>Inspection Direction:</b>	Downstream	<b>Downstream Node:</b>	SWMH2
<b>Inspected Length:</b>	21.85 m	<b>Dia/Height:</b>	150 mm
<b>Total Length:</b>	21.85 m	<b>Pipe Material:</b>	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SWMH1
2	0.00	WL	Water level, 0% of the vertical dimension
3	21.85	SA	Survey abandoned

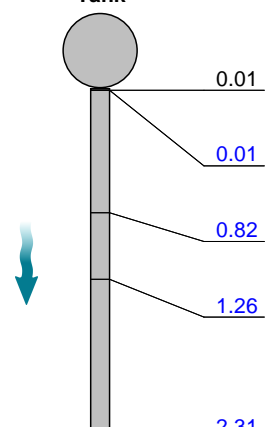
## Section Inspection - 29/01/2024 - TankX

Item No. 1	Insp. No. 1	Date 29/01/24	Time 14:54	Client's Job Ref 873325	Weather Not Specified	Pre Cleaned No	PLR TANKX
Operator Tony		Vehicle Not Specified		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Waddesdon	Inspection Direction:	Downstream	Upstream Node:	TANK
Road:	Stud Farm	Inspected Length:	2.31 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	2.31 m	Downstream Node:	OUTFALL
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:		Pipe 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 style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: 0.00 m Tank</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.01</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node, manhole, reference: Tank</td> <td style="width: 10%;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.01</td> <td></td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:05</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.82</td> <td></td> <td>REM</td> <td>General remark: PERFORATED PIPE</td> <td>00:00:20</td> <td rowspan="2" style="vertical-align: middle;">1_0-82m_150539.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">1.26</td> <td></td> <td>WL</td> <td>Water level, 100% of the vertical dimension</td> <td>00:00:34</td> <td></td> </tr> <tr> <td style="text-align: right;">2.31</td> <td></td> <td>SA</td> <td>Survey abandoned: UNABLE TO PUSH</td> <td>00:00:56</td> <td></td> <td></td> </tr> </table> </div>								0.01		MH	Start node, manhole, reference: Tank	00:00:03			0.01		WL	Water level, 0% of the vertical dimension	00:00:05			0.82		REM	General remark: PERFORATED PIPE	00:00:20	1_0-82m_150539.jpg		1.26		WL	Water level, 100% of the vertical dimension	00:00:34		2.31		SA	Survey abandoned: UNABLE TO PUSH	00:00:56		
0.01		MH	Start node, manhole, reference: Tank	00:00:03																																					
0.01		WL	Water level, 0% of the vertical dimension	00:00:05																																					
0.82		REM	General remark: PERFORATED PIPE	00:00:20	1_0-82m_150539.jpg																																				
1.26		WL	Water level, 100% of the vertical dimension	00:00:34																																					
2.31		SA	Survey abandoned: UNABLE TO PUSH	00:00:56																																					

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	0	0.0	0.0	0.0	1.0

### Section Pictures - 29/01/2024 - TankX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	TANKX	873325	



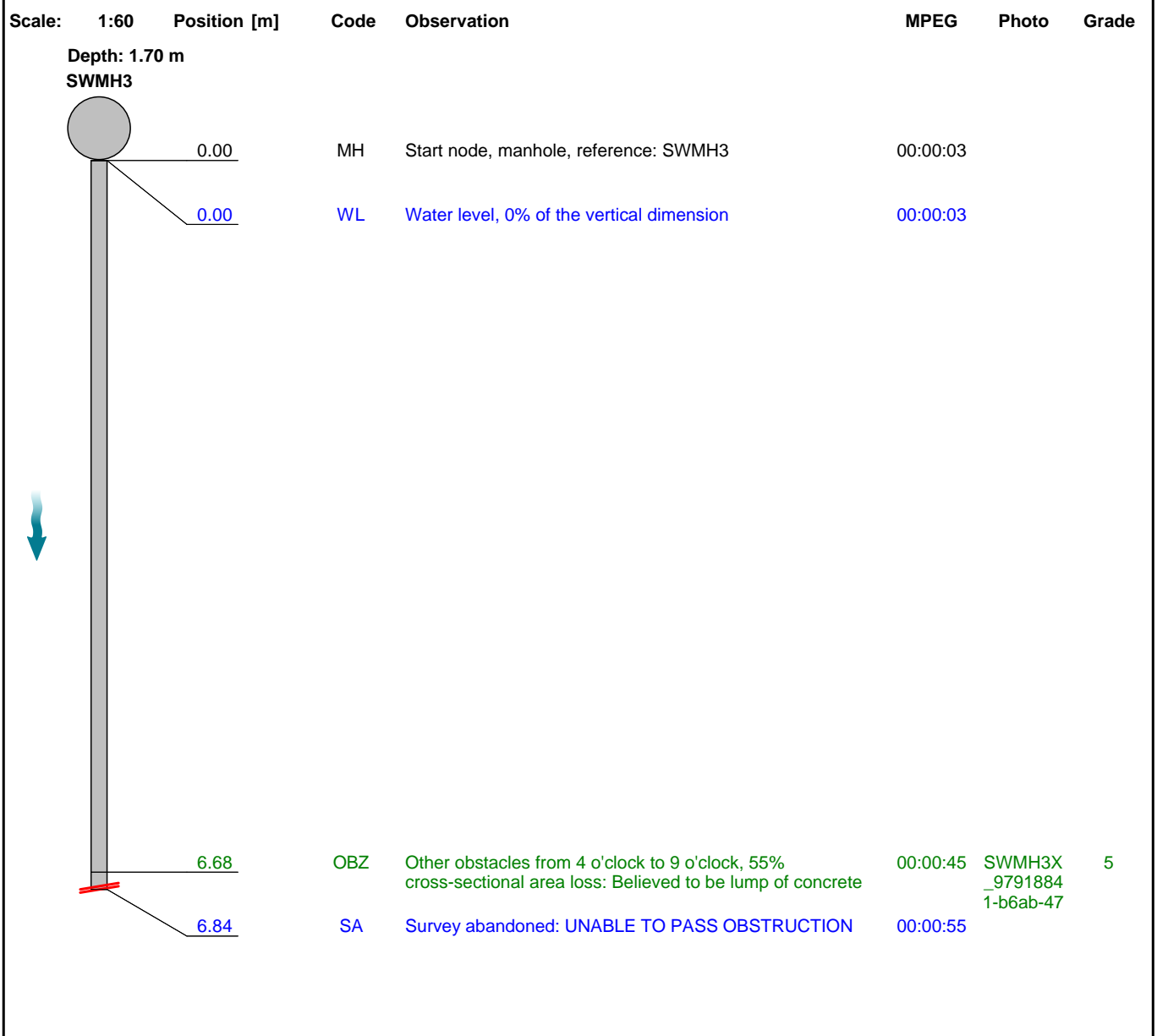
1\_0-82m\_150539.jpg, 00:00:20, 0.82 m  
General remark, PERFORATED PIPE

## Section Inspection - 14/02/2024 - SWMH3X

Item No. 2	Insp. No. 3	Date 14/02/24	Time 14:49	Client's Job Ref 882949	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH3X
Operator Tony		Vehicle Not Specified		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Waddesdon	Inspection Direction:	Downstream	Upstream Node:	SWMH3
Road:	School Lane	Inspected Length:	6.84 m	Upstream Pipe Depth:	1.700 m
Location:	Property or buildings	Total Length:	6.84 m	Downstream Node:	SWMH4
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	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	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	10.0	1.5	10.0	5.0



**Section Pictures - 14/02/2024 - SWMH3X**

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	SWMH3X	882949	



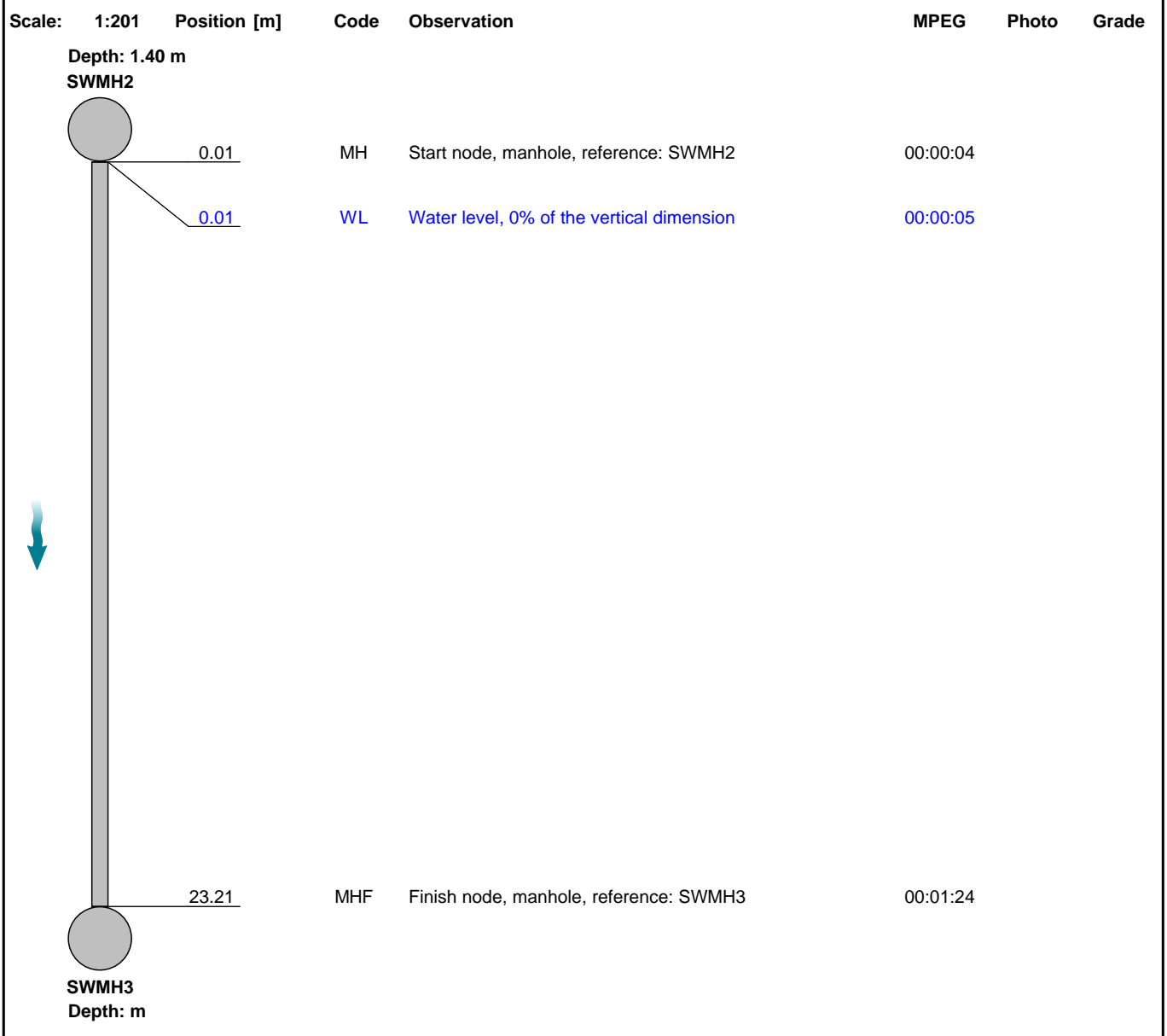
B:\Surface Water\133mm  
14:51:15 14-FEB-2024 6.68m  
SWMH3X\_97918841-b6ab-4752-98de-a92e181b85d6\_20240  
220\_135933\_332.jpg, 00:00:45, 6.68 m  
Other obstacles from 4 o'clock to 9 o'clock, 55%  
cross-sectional area loss, Believed to be lump of concrete

## Section Inspection - 14/02/2024 - SWMH2X

Item No. 3	Insp. No. 2	Date 14/02/24	Time 14:18	Client's Job Ref 882949	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH2X
Operator Tony		Vehicle Not Specified		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Waddesdon	Inspection Direction:	Downstream	Upstream Node:	SWMH2
Road:	School Lane	Inspected Length:	23.21 m	Upstream Pipe Depth:	1.400 m
Location:	Property or buildings	Total Length:	23.21 m	Downstream Node:	SWMH3
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	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

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



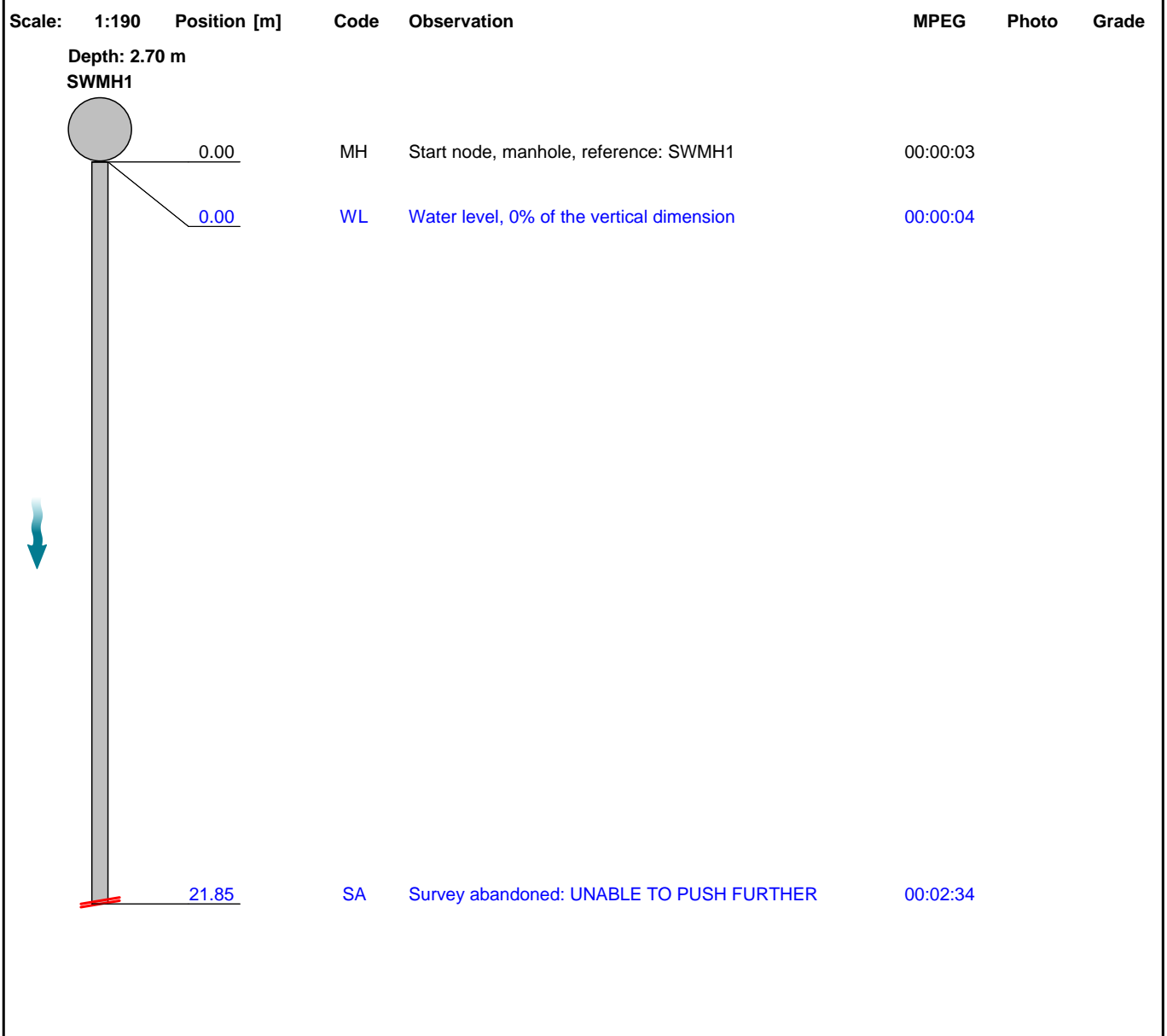
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

## Section Inspection - 14/02/2024 - SWMH1X

Item No. 4	Insp. No. 1	Date 14/02/24	Time 13:44	Client's Job Ref 882949	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SWMH1X
Operator Tony		Vehicle Not Specified		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Waddesdon	Inspection Direction:	Downstream	Upstream Node:	SWMH1
Road:	School Lane	Inspected Length:	21.85 m	Upstream Pipe Depth:	2.700 m
Location:	Property or buildings	Total Length:	21.85 m	Downstream Node:	SWMH2
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	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	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