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**Hinckley Day Case,
Mount Road,
Hinckley,
Leicestershire,
LE10 1AG**

12/02/2025

Job Number: UM24-2974-DAR Hinckley Day Case

Utility Mapping Group Ltd

Studio 3, The Locks, Rugby, Warwickshire, CV21 4PP
Tel: 0800 024 8627

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025

Client Details:

Darwin Group LTD

Site Details:

Hinckley Day Case,
Mount Road,
Hinckley,
Leicestershire,
LE10 1AG

Contractor Details:

Utility Mapping Group UK Ltd
Studio 3, The Locks
Hillmorton, Rugby
Warwickshire
CV21 4PP

Office Contact Number: 0800 024 8627

Purpose of Survey:

Drainage Mapping and CCTV Reporting

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Job Information

Total Distance Surveyed: **294.99 meters**
Engineer: **Liam Radburn**
Number of Surveys: **52**
Number of Surveys grade 4 or above: **3**

Section 1 Overview (03/02/2025)

Manholes: **GY18x to MH12**
Pipe Length: **6.53 metres**
Structural Grade: **4**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Surface water**

Section 2 Overview (30/01/2025)

Manholes: **MH01a to UTR**
Pipe Length: **metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 3 Overview (30/01/2025)

Manholes: **MH01b to EOT**
Pipe Length: **3.64 metres**
Structural Grade: **3**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 4 Overview (30/01/2025)

Manholes: **MH01c to EOT**
Pipe Length: **2.01 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Foul**

Section 5 Overview (30/01/2025)

Manholes: **MH01d to EOT**
Pipe Length: **1.05 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Foul**

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
Section 6 Overview (30/01/2025) Manholes: MH02a to GY01 Pipe Length: 6.62 metres Structural Grade: 0 Service Grade: 2 Material: Vitrified clay Pipe Size: 150mm Use: Surface water			
Section 7 Overview (30/01/2025) Manholes: MH02b to MH01 Pipe Length: 5.56 metres Structural Grade: 0 Service Grade: 3 Material: Vitrified clay Pipe Size: 150mm Use: Foul			
Section 8 Overview (30/01/2025) Manholes: MH02c to UTR Pipe Length: metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			
Section 9 Overview (30/01/2025) Manholes: MH02x to MH03 Pipe Length: 16.61 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 150mm Use: Combined			
Section 10 Overview (30/01/2025) Manholes: MH03x to MH04 Pipe Length: 13.30 metres Structural Grade: 0 Service Grade: 3 Material: Vitrified clay Pipe Size: 150mm Use: Combined			
Section 11 Overview (30/01/2025) Manholes: MH04a to MH OSA Pipe Length: 11.51 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 100mm Use: Foul			

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Section 12 Overview (30/01/2025)

Manholes: **MH04c to DP**
Pipe Length: **8.75 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 13 Overview (30/01/2025)

Manholes: **MH04d to MH05**
Pipe Length: **8.75 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

Section 14 Overview (30/01/2025)

Manholes: **MH04x to MH06**
Pipe Length: **12.47 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Combined**

Section 15 Overview (30/01/2025)

Manholes: **MH05a to RWP**
Pipe Length: **0.76 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Surface water**

Section 16 Overview (03/02/2025)

Manholes: **MH05b to BLDG**
Pipe Length: **2.68 metres**
Structural Grade: **0**
Service Grade: **2**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 17 Overview (03/02/2025)

Manholes: **MH05c to BLDG**
Pipe Length: **2.3 metres**
Structural Grade: **0**
Service Grade: **4**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

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Section 18 Overview (03/02/2025)

Manholes: **MH05d to BLDG**
Pipe Length: **4.99 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 19 Overview (03/02/2025)

Manholes: **MH05e to EOT**
Pipe Length: **1.44 metres**
Structural Grade: **0**
Service Grade: **4**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 20 Overview (03/02/2025)

Manholes: **MH05f to UTR**
Pipe Length: **metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Section 21 Overview (03/02/2025)

Manholes: **MH05x to MH04**
Pipe Length: **8.45 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

Section 22 Overview (03/02/2025)

Manholes: **MH06a to GY11**
Pipe Length: **1.53 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Surface water**

Section 23 Overview (03/02/2025)

Manholes: **MH06b to UTR**
Pipe Length: **0.09 metres**
Structural Grade: **0**
Service Grade: **4**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
Section 24 Overview (03/02/2025) Manholes: MH06c to MH07 Pipe Length: 19.51 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 25 Overview (03/02/2025) Manholes: MH06e to RWP Pipe Length: 2.4 metres Structural Grade: 2 Service Grade: 2 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			
Section 26 Overview (03/02/2025) Manholes: MH06x to BLDG MH Pipe Length: 26.78 metres Structural Grade: 2 Service Grade: 2 Material: Vitrified clay Pipe Size: 150mm Use: Combined			
Section 27 Overview (03/02/2025) Manholes: MH08a to VP Pipe Length: 1.63 metres Structural Grade: 0 Service Grade: 2 Material: Polyvinyl chloride Pipe Size: 100mm Use: Foul			
Section 28 Overview (03/02/2025) Manholes: MH08b to GY15 Pipe Length: 2.11 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 29 Overview (03/02/2025) Manholes: MH08c to EOT Pipe Length: 12.93 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Foul			

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
Section 30 Overview (03/02/2025) Manholes: MH08x to MH07 Pipe Length: 1.82 metres Structural Grade: 0 Service Grade: 0 Material: Polyvinyl chloride Pipe Size: 100mm Use: Foul			
Section 31 Overview (03/02/2025) Manholes: MH09a to EOT OSA Pipe Length: 0.48 metres Structural Grade: 0 Service Grade: 4 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			
Section 32 Overview (03/02/2025) Manholes: MH09b to UTR Pipe Length: metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			
Section 33 Overview (03/02/2025) Manholes: MH09x to MH19 Pipe Length: 0.09 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			
Section 34 Overview (03/02/2025) Manholes: MH10a to MH19 Pipe Length: 10.47 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 150mm Use: Surface water			
Section 35 Overview (03/02/2025) Manholes: MH12a to EOT Pipe Length: 0.28 metres Structural Grade: 0 Service Grade: 5 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			

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Section 36 Overview (03/02/2025)

Manholes: **MH12b to UTR**
Pipe Length: **metres**
Structural Grade: **4**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Surface water**

Section 37 Overview (03/02/2025)

Manholes: **MH12x to MH13**
Pipe Length: **2.2 metres**
Structural Grade: **0**
Service Grade: **2**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

Section 38 Overview (03/02/2025)

Manholes: **MH13a to MH11**
Pipe Length: **2.11 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

Section 39 Overview (03/02/2025)

Manholes: **MH13x to MH OSA**
Pipe Length: **5.85 metres**
Structural Grade: **1**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

Section 40 Overview (03/02/2025)

Manholes: **MH14a to GY19**
Pipe Length: **0.09 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Surface water**

Section 41 Overview (03/02/2025)

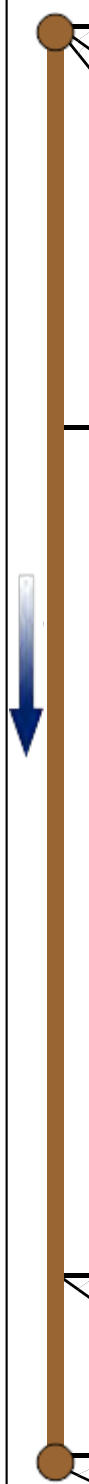
Manholes: **MH14x to MH15**
Pipe Length: **4.99 metres**
Structural Grade: **2**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
Section 42 Overview (03/02/2025) Manholes: MH15b to GY20 Pipe Length: 1.44 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 43 Overview (03/02/2025) Manholes: MH15x to MH17 Pipe Length: 11.27 metres Structural Grade: 0 Service Grade: 3 Material: Vitrified clay Pipe Size: 150mm Use: Combined			
Section 44 Overview (03/02/2025) Manholes: MH16a to DP Pipe Length: 2.01 metres Structural Grade: 0 Service Grade: 3 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 45 Overview (03/02/2025) Manholes: MH16x to Main Run Pipe Length: 4.12 metres Structural Grade: 3 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 46 Overview (03/02/2025) Manholes: MH17b to BLDG MH Pipe Length: 9.11 metres Structural Grade: 0 Service Grade: 4 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 47 Overview (03/02/2025) Manholes: MH17x to MH18 Pipe Length: 3.26 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 150mm Use: Combined			

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
Section 48 Overview (03/02/2025) Manholes: MH18b to BLDG Pipe Length: 11.25 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Foul			
Section 49 Overview (03/02/2025) Manholes: MH18c to UTR Pipe Length: 0.09 metres Structural Grade: 5 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Surface water			
Section 50 Overview (03/02/2025) Manholes: MH18x to MH20 Pipe Length: 8.26 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 150mm Use: Combined			
Section 51 Overview (03/02/2025) Manholes: MH19b to OSA Pipe Length: 10.52 metres Structural Grade: 0 Service Grade: 3 Material: Polyvinyl chloride Pipe Size: 150mm Use: Surface water			
Section 52 Overview (03/02/2025) Manholes: MH20x to OSA Main Run Pipe Length: 20.88 metres Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 150mm Use: Combined			

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) GY18x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/4	Base Unit 5R2J4WFIOA	Section Number 1
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node GY18x End Node MH12 Total length 6.53 metres	
Scale 1:0.34 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:GY18x | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00	GY		Start node type, Gully, reference GY18x
	0.00	WL		Water level 0% height/diameter
	0.00	JD		Joint displaced 20mm
	1.82	LU		Line of drain/sewer deviates up
	5.66	DEC		Settled deposits hard or compacted 10% cross-sectional area loss
	5.66	LL		Line of drain/sewer deviates left
	6.53	CUD		Loss of vision, silt
	6.53	MHF		Finish node type, manhole, reference MH12

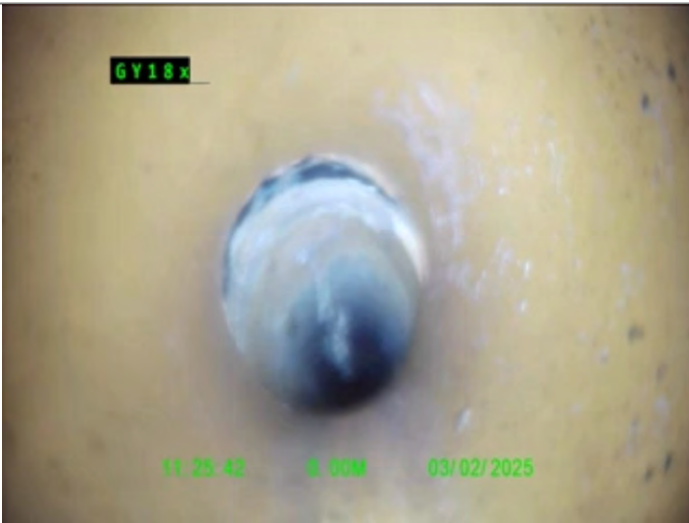
End Node Ref:MH12 | I/L : metres

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Liam Radburn

Base Unit
5R2J4WFIOA

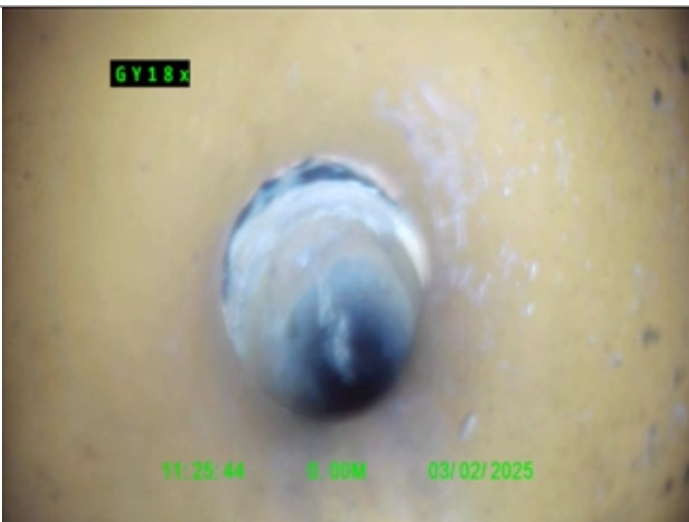
Date
12/02/2025



Start node type, Gully, reference GY18x



Water level 0% height/diameter



Joint displaced 20mm



Line of drain/sewer deviates up



Settled deposits hard or compacted 10% cross-sectional area loss



Line of drain/sewer deviates left

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UM24-2974-DAR Hinckley Day Case

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Date
12/02/2025



Loss of vision, silt



Finish node type, manhole, reference MH12

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) UTR	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 2
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH01a End Node UTR Total length metres	
Scale 1:0.00 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH01a | I/L : metres

	Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH01a	11579357	Null / 0
	0.00	WL	Water level 0% height/diameter	11579358	Null / 0
	0.00	SA	Survey abandoned - Remark: UTR	11579364	Comment / 0

End Node Ref:UTR | I/L : metres

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12/02/2025



Start node type, Manhole, reference MH01a



Water level 0% height/diameter



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/3	Base Unit 5R2J4WFIOA	Section Number 3
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,			Division District Location Details	
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH01b End Node EOT Total length 3.64 metres	
Scale 1:0.19 Direction Upstream			View via iTouch Live  Download 	

Start Node Ref:MH01b | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00 MH	Start node type, Manhole, reference MH01b	11579370	Null / 0
	0.00 WL	Water level 5% height/diameter	11579371	Null / 0
				
1.24	CN	Connection other than junction at 9 o'clock, diameter 100mm	11579376	Comment / 0
3.07	JD	Joint displaced 10mm	11579381	Structural / 3
3.28	LR	Line of drain/sewer deviates right	11579384	Comment / 0
3.64	SA	Survey abandoned - Remark: EOT	11579386	Comment / 0

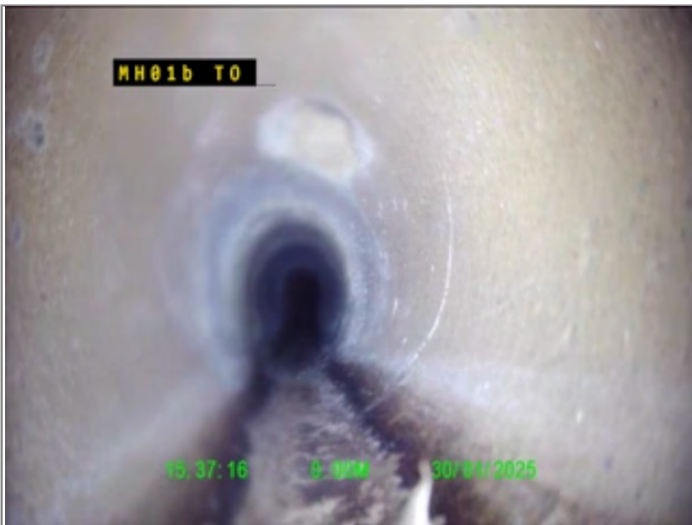
End Node Ref:EOT | I/L : metres

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Liam Radburn

Base Unit
5R2J4WFIOA

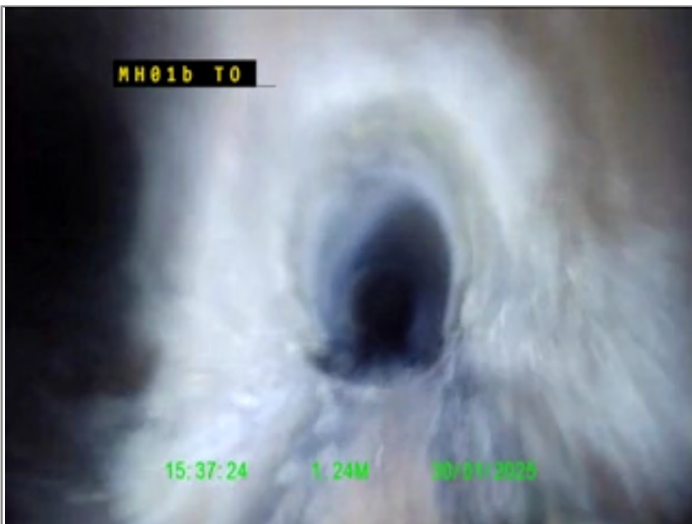
Date
12/02/2025



Start node type, Manhole, reference MH01b



Water level 5% height/diameter



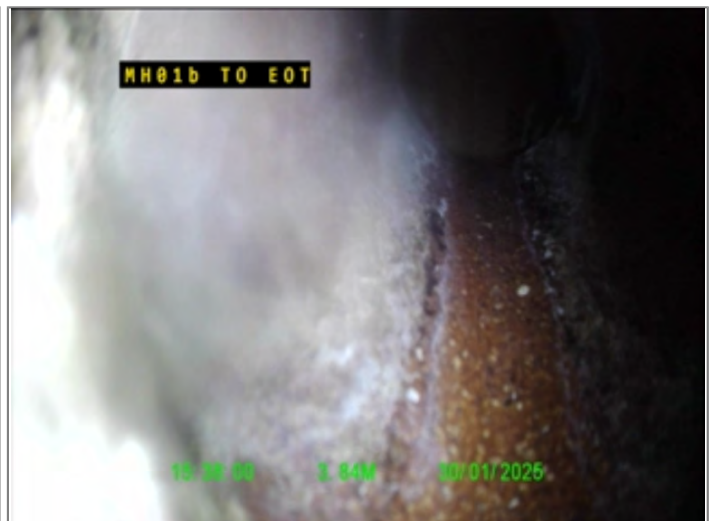
Connection other than junction at 9 o'clock, diameter 100mm



Joint displaced 10mm



Line of drain/sewer deviates right



Survey abandoned - Remark: EOT

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 4
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH01c End Node EOT Total length 2.01 metres	
Scale 1:0.11 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH01c | I/L : metres

Position	Code	Description	Photo	Type/Grade
 0.00	MH	Start node type, Manhole, reference MH01c	11580485	Null / 0
0.00	WL	Water level 0% height/diameter	11580486	Null / 0
0.19	LL	Line of drain/sewer deviates left	11580489	Comment / 0
1.82	DES	Settled deposits fine 20% cross-sectional area loss	11580492	Service / 3
2.01	SA	Survey abandoned - Remark: EOT	11580493	Comment / 0

End Node Ref:EOT | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH01c



Water level 0% height/diameter



Line of drain/sewer deviates left



Settled deposits fine 20% cross-sectional area loss



Survey abandoned - Remark: EOT

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 5
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH01d End Node EOT Total length 1.05 metres	
Scale 1:0.06 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH01d | I/L : metres

Position	Code	Description	Photo	Type/Grade	
	0.00	MH		Start node type, Manhole, reference MH01d	11580504 Null / 0
	0.00	WL		Water level 0% height/diameter	11580505 Null / 0
					
0.38	DEC	Settled deposits hard or compacted 20% cross-sectional area loss			11580506 Service / 3
1.05	SA	Survey abandoned - Remark: EOT			11580507 Comment / 0

End Node Ref:EOT | I/L : metres

End Node Ref:EOT | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH01d



Water level 0% height/diameter



Settled deposits hard or compacted 20% cross-sectional area loss



Survey abandoned - Remark: EOT

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) GY01 X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 2/0	Base Unit 5R2J4WFIOA	Section Number 6
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH02a End Node GY01 Total length 6.62 metres	
Scale 1:0.35 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH02a | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	WL	Water level 5% height/diameter	11579180	Null / 0
0.00	MH	Start node type, Manhole, reference MH02a	11579181	Null / 0
0.00	DES	Settled deposits fine 5% cross-sectional area loss	11579190	Service / 2
4.03	CN	Connection other than junction at 3 o'clock, diameter 150mm	11579202	Comment / 0
6.24	DES	Settled deposits fine 5% cross-sectional area loss	11579218	Service / 2
6.62	LD	Line of drain/sewer deviates down	11579225	Comment / 0
6.62	GYF	Finish node type, gully, reference GY01	11579226	Comment / 0

End Node Ref:GY01 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Water level 5% height/diameter



Start node type, Manhole, reference MH02a



Settled deposits fine 5% cross-sectional area loss



Connection other than junction at 3 o'clock, diameter 150mm



Settled deposits fine 5% cross-sectional area loss



Line of drain/sewer deviates down

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Finish node type, gully, reference GY01

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH01	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 7
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH02b End Node MH01 Total length 5.56 metres	
Scale 1:0.29 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH02b | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH02b	11579231	Null / 0
0.00	WL	Water level 0% height/diameter	11579232	Null / 0
1.05	CN	Connection other than junction at 10 o'clock, diameter 100mm	11579237	Comment / 0
1.53	CN	Connection other than junction at 10 o'clock, diameter 100mm	11579239	Comment / 0
3.14	CN	Connection other than junction at 11 o'clock, diameter 100mm	11579246	Comment / 0
3.74	DEC	Settled deposits hard or compacted 10% cross-sectional area loss	11579249	Service / 3
4.89	CN	Connection other than junction at 2 o'clock, diameter 100mm	11579255	Comment / 0
5.56	MHF	Finish node type, manhole, reference MH01	11579260	Comment / 0

End Node Ref:MH01 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH02b



Water level 0% height/diameter



Connection other than junction at 10 o'clock, diameter 100mm



Connection other than junction at 10 o'clock, diameter 100mm



Connection other than junction at 11 o'clock, diameter 100mm



Settled deposits hard or compacted 10% cross-sectional area loss

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Connection other than junction at 2 o'clock, diameter 100mm



Finish node type, manhole, reference MH01

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) UTR X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 8
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,			Division District Location Details	
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH02c End Node UTR Total length metres	
Scale 1:0.00 Direction Upstream			View via iTouch Live  Download 	

Start Node Ref:MH02c | I/L : metres

	Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH02c	11580496	Null / 0
	0.00	WL	Water level 0% height/diameter	11580497	Null / 0
	0.00	SA	Survey abandoned - Remark: UTR	11580498	Comment / 0

End Node Ref:UTR | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

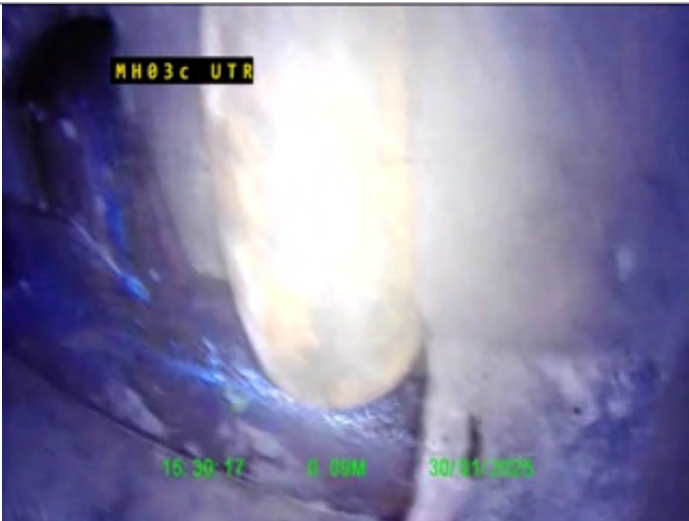
Date
12/02/2025



Start node type, Manhole, reference MH02c



Water level 0% height/diameter



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH02x X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 9
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH02x End Node MH03 Total length 16.61 metres	
Scale 1:0.87 Direction Downstream		View via iTouch Live  Download 		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH02x



Water level 5% height/diameter



Finish node type, manhole, reference MH03

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH03x X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 10
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH03x End Node MH04 Total length 13.30 metres	
Scale 1:0.70 Direction Downstream		View via iTouch Live  Download 		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH03x



Water level 5% height/diameter



Settled deposits fine 10% cross-sectional area loss



Finish node type, manhole, reference MH04

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH OSA X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 11
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyvinyl chloride Category		Start Node MH04a End Node MH OSA Total length 11.51 metres	
Scale 1:0.60 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH04a | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00	MH		Start node type, Manhole, reference MH04a
	0.00	WL		Water level 10% height/diameter
				
7.20	WL	Water level 0% height/diameter		11580732 Comment / 0
9.53	LR	Line of drain/sewer deviates right		11580737 Comment / 0
11.51	MHF	Finish node type, manhole, reference MH OSA		11580739 Comment / 0

End Node Ref:MH OSA | I/L : metres

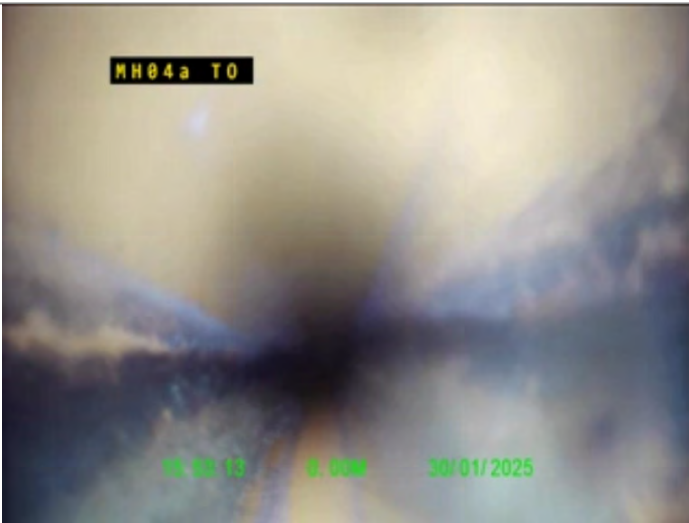
End Node Ref:MH OSA | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

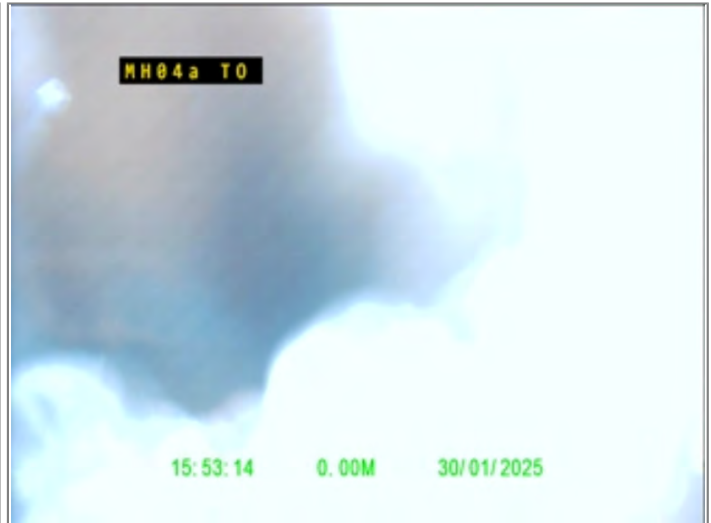
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



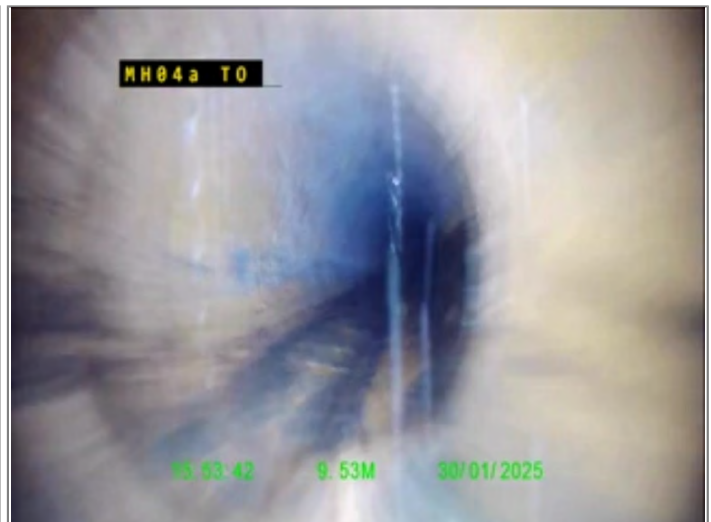
Start node type, Manhole, reference MH04a



Water level 10% height/diameter



Water level 0% height/diameter



Line of drain/sewer deviates right



Finish node type, manhole, reference MH OSA

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) DP X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 12
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH04c End Node DP Total length 8.75 metres	
Scale 1:0.46 Direction Upstream		View via iTouch Live Download		

Start Node Ref:MH04c | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH04c	11580741	Null / 0
0.00	WL	Water level 0% height/diameter	11580742	Null / 0
1.63	CN	Connection other than junction at 2 o'clock, diameter 100mm	11580743	Comment / 0
4.80	CN	Connection other than junction at 3 o'clock, diameter 100mm	11580745	Comment / 0
6.24	CN	Connection other than junction at 9 o'clock, diameter 100mm	11580747	Comment / 0
6.62	CN	Connection other than junction at 12 o'clock, diameter 100mm	11580749	Comment / 0
7.29	LU	Line of drain/sewer deviates up	11580750	Comment / 0
8.16	LU	Line of drain/sewer deviates up	11580751	Comment / 0
8.75	SA	Survey abandoned - Remark: DP	11580753	Comment / 0

End Node Ref:DP | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH04c



Water level 0% height/diameter



Connection other than junction at 2 o'clock, diameter 100mm



Connection other than junction at 3 o'clock, diameter 100mm



Connection other than junction at 9 o'clock, diameter 100mm



Connection other than junction at 12 o'clock, diameter 100mm

Job Number
UM24-2974-DAR Hinckley Day Case

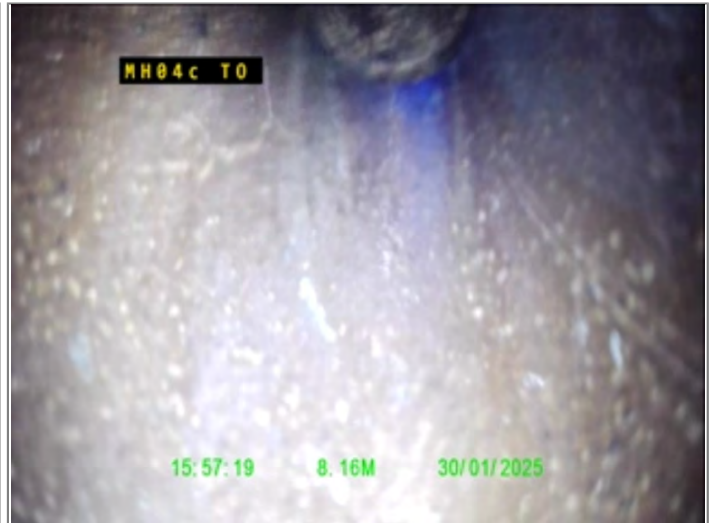
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Line of drain/sewer deviates up

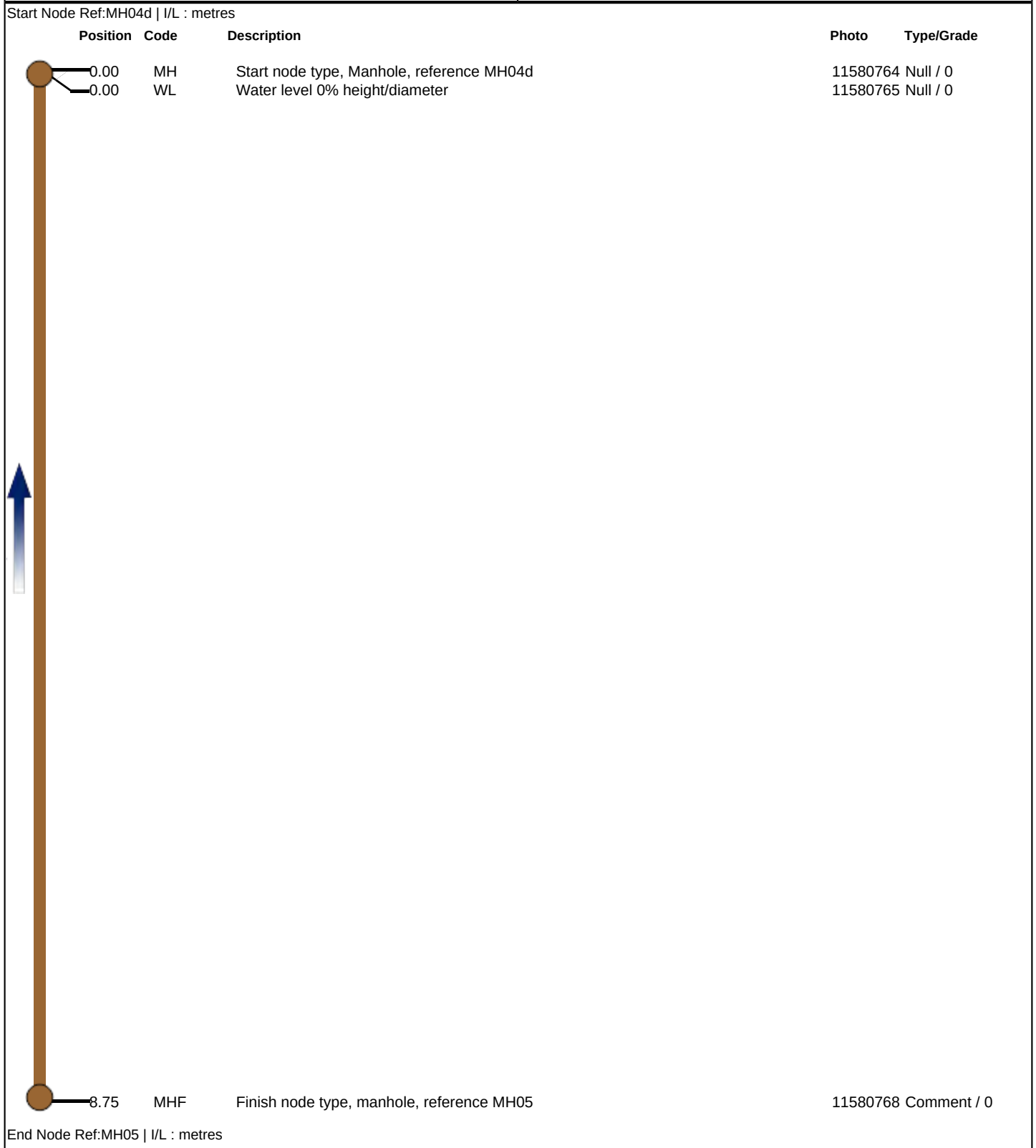


Line of drain/sewer deviates up



Survey abandoned - Remark: DP

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH05 X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 13
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,			Division District Location Details	
Purpose Duty Combined Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH04d End Node MH05 Total length 8.75 metres	
Scale 1:0.46 Direction Upstream			View via iTouch Live  Download 	



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH04d



Water level 0% height/diameter



Finish node type, manhole, reference MH05

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH04x X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 14
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH04x End Node MH06 Total length 12.47 metres	
Scale 1:0.65 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:MH04x | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00 MH	Start node type, Manhole, reference MH04x	11581718	Null / 0
	0.00 WL	Water level 5% height/diameter	11581719	Null / 0
				
	5.66 CN	Connection other than junction at 9 o'clock, diameter 100mm	11581746	Comment / 0
	5.66 DEC	Settled deposits hard or compacted 10% cross-sectional area loss	11581749	Service / 3
				
	10.38 LL	Line of drain/sewer deviates left	11581755	Comment / 0
				
	12.47 MHF	Finish node type, manhole, reference MH06	11581756	Comment / 0

End Node Ref:MH06 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH04x



Water level 5% height/diameter



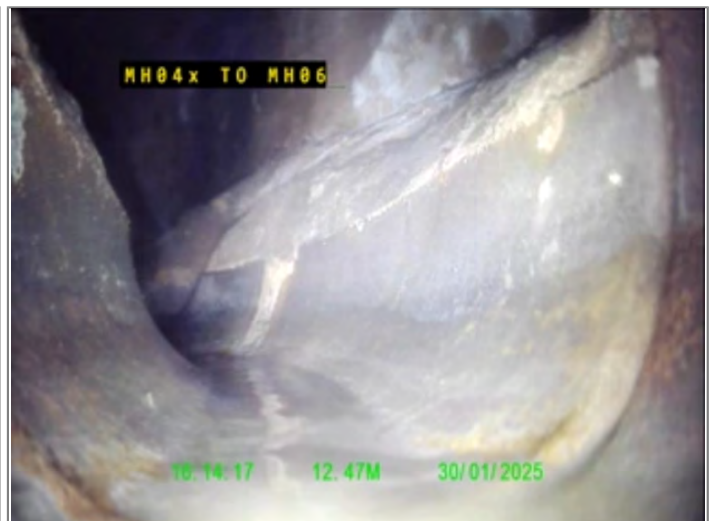
Connection other than junction at 9 o'clock, diameter 100mm



Settled deposits hard or compacted 10% cross-sectional area loss



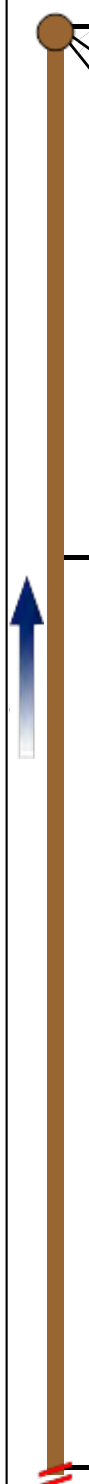
Line of drain/sewer deviates left



Finish node type, manhole, reference MH06

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) RWP X	Date 30/01/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 15
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05a End Node RWP Total length 0.76 metres	
Scale 1:0.04 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH05a | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH05a	11581833 Null / 0
	0.00	WL	Water level 5% height/diameter	11581834 Null / 0
	0.00	LL	Line of drain/sewer deviates left	11581836 Comment / 0
0.28	LD	Line of drain/sewer deviates down	11581839	Comment / 0
0.76	SA	Survey abandoned - Remark: RWP	11581842	Comment / 0

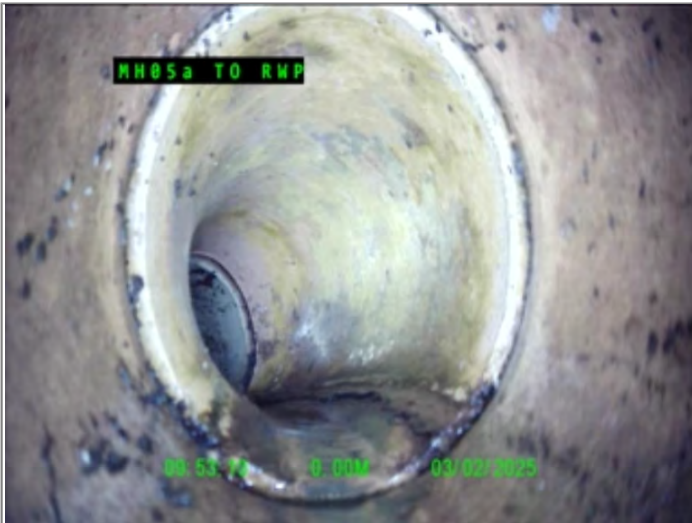
End Node Ref:RWP | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

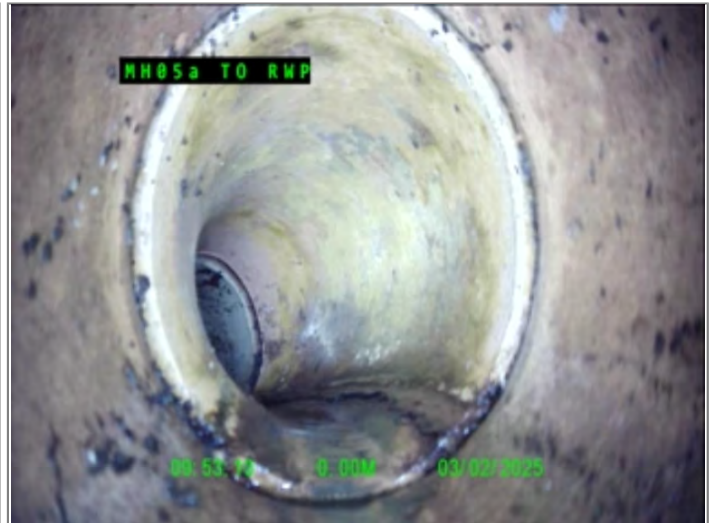
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05a



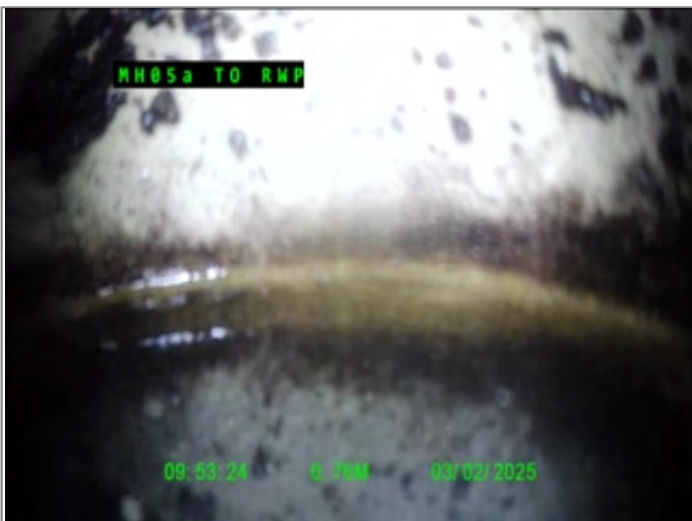
Water level 5% height/diameter



Line of drain/sewer deviates left



Line of drain/sewer deviates down



Survey abandoned - Remark: RWP

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) BLDG X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 2/0	Base Unit 5R2J4WFIOA	Section Number 16
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05b End Node BLDG Total length 2.68 metres	
Scale 1:0.14 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH05b | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH05b	11581845 Null / 0
	0.00	WL	Water level 0% height/diameter	11581846 Null / 0
	0.00	DES (S1)	Settled deposits fine 5% cross-sectional area loss, Start	11581848 Service / 2
0.38	CUD (S2)	Loss of vision, silt, Start	11581850	Comment / 0
2.30	CUD (F2)	Loss of vision, silt, Finished	11581860	Comment / 0
2.30	LL	Line of drain/sewer deviates left	11581862	Comment / 0
2.68	DES (F1)	Settled deposits fine 5% cross-sectional area loss, Finished	11581863	Service / 2
2.68	SA	Survey abandoned - Remark: BLDG	11581864	Comment / 0

End Node Ref:BLDG | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05b



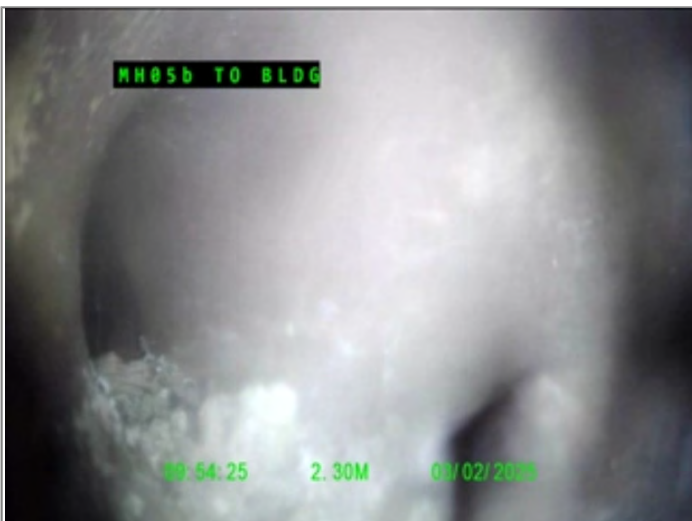
Water level 0% height/diameter



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



Loss of vision, silt, Start



Loss of vision, silt, Finished



Line of drain/sewer deviates left

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



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



Survey abandoned - Remark: BLDG

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) BLDG X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 5R2J4WFIOA	Section Number 17
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05c End Node BLDG Total length 2.3 metres	
Scale 1:0.12 Direction Upstream		View via iTouch Live Download		

Start Node Ref:MH05c | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH05c	11581871	Null / 0
0.00	WL	Water level 0% height/diameter	11581872	Null / 0
0.00	DER (S1)	Settled deposits coarse 5% cross-sectional area loss, Start	11581873	Service / 2
0.38	CUD (S2)	Loss of vision, silt, Start	11581874	Comment / 0
2.30	CUD (F2)	Loss of vision, silt, Finished	11581880	Comment / 0
2.30	DER (F1)	Settled deposits coarse 5% cross-sectional area loss, Finished	11581888	Service / 2
2.30	LL	Line of drain/sewer deviates left	11581876	Comment / 0
2.30	DEC	Settled deposits hard or compacted 50% cross-sectional area loss	11581881	Service / 4
2.30	SA	Survey abandoned - Remark: BLDG	11581889	Comment / 0

End Node Ref:BLDG | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05c



Water level 0% height/diameter



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



Loss of vision, silt, Start



Loss of vision, silt, Finished



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

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Line of drain/sewer deviates left



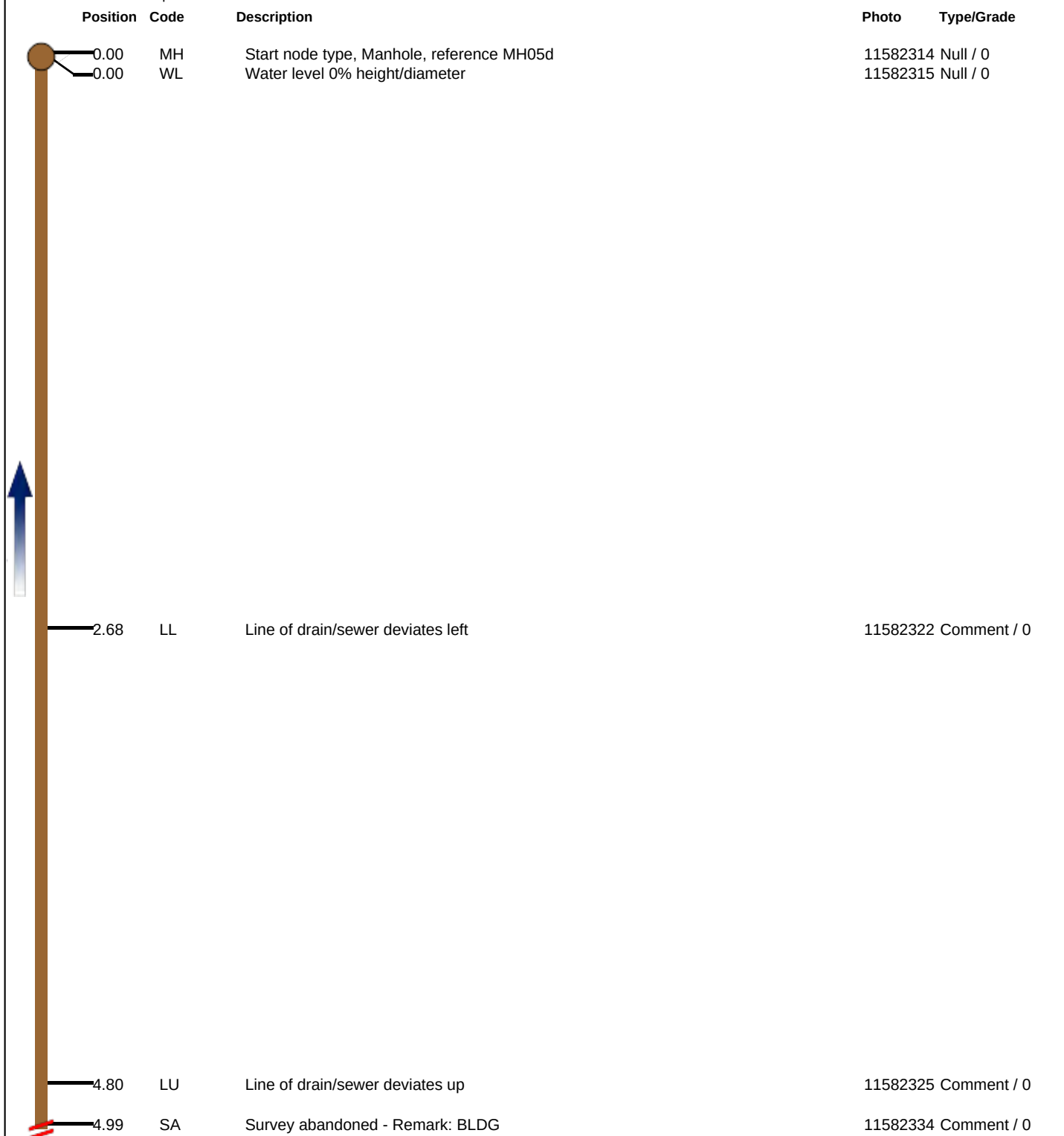
Settled deposits hard or compacted 50% cross-sectional area loss



Survey abandoned - Remark: BLDG

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) BLDG X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 18
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05d End Node BLDG Total length 4.99 metres	
Scale 1:0.26 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH05d | I/L : metres



End Node Ref:BLDG | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05d



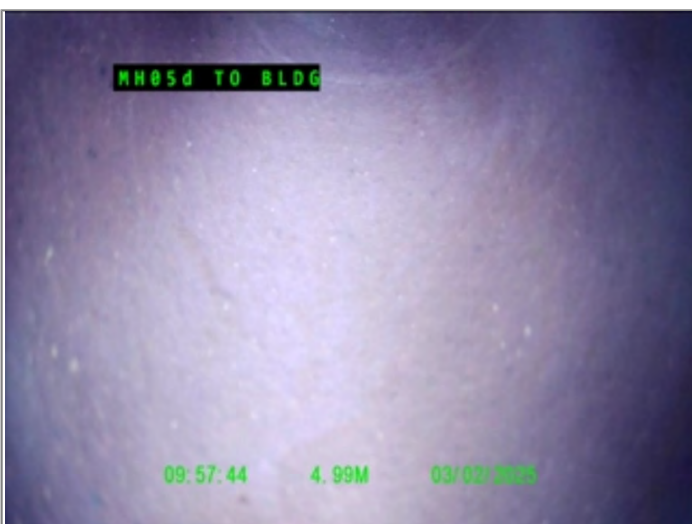
Water level 0% height/diameter



Line of drain/sewer deviates left



Line of drain/sewer deviates up



Survey abandoned - Remark: BLDG

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 5R2J4WFIOA	Section Number 19
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05e End Node EOT Total length 1.44 metres	
Scale 1:0.08 Direction Upstream		View via iTouch Live Download		

Start Node Ref:MH05e | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH05e	11582347	Null / 0
0.00	WL	Water level 0% height/diameter	11582348	Null / 0
0.00	DEC (S1)	Settled deposits hard or compacted 40% cross-sectional area loss, Start	11582353	Service / 4
0.28	CUD (S2)	Loss of vision, silt, Start	11582357	Comment / 0
1.44	CUD (F2)	Loss of vision, silt, Finished	11582361	Comment / 0
1.44	DEC (F1)	Settled deposits hard or compacted 40% cross-sectional area loss, Finished	11582365	Service / 4
1.44	SA	Survey abandoned - Remark: EOT	11582370	Comment / 0

End Node Ref:EOT | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05e



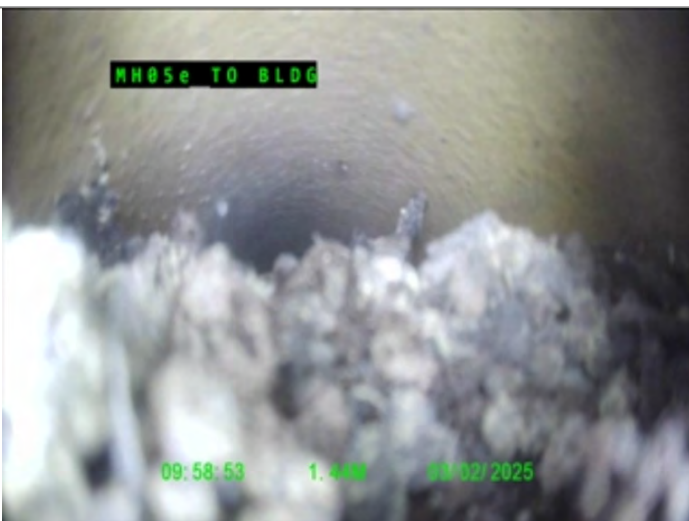
Water level 0% height/diameter



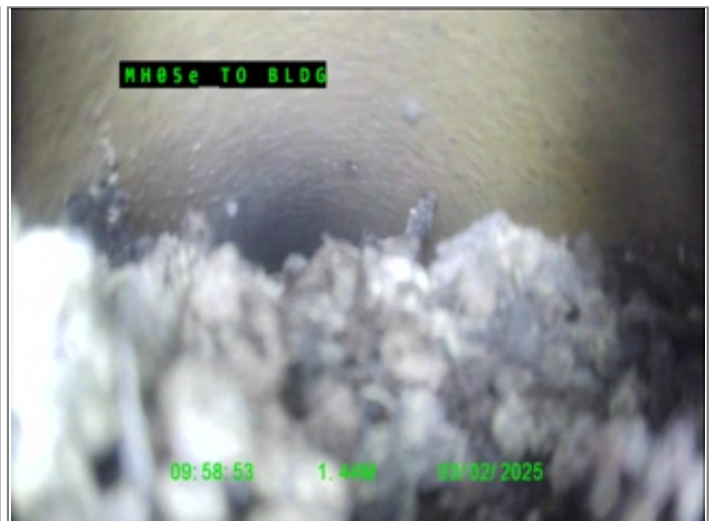
Settled deposits hard or compacted 40% cross-sectional area loss, Start



Loss of vision, silt, Start



Loss of vision, silt, Finished



Settled deposits hard or compacted 40% cross-sectional area loss, Finished

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Survey abandoned - Remark: EOT

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) UTR X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 20
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05f End Node UTR Total length metres	
Scale 1:0.00 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH05f | I/L : metres

	Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH05f	11582419	Null / 0
	0.00	WL	Water level 0% height/diameter	11582420	Null / 0
	0.00	DEC	Settled deposits hard or compacted 20% cross-sectional area loss	11582432	Service / 3
	0.00	SA	Survey abandoned - Remark: UTR	11582444	Comment / 0

End Node Ref:UTR | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05f



Water level 0% height/diameter

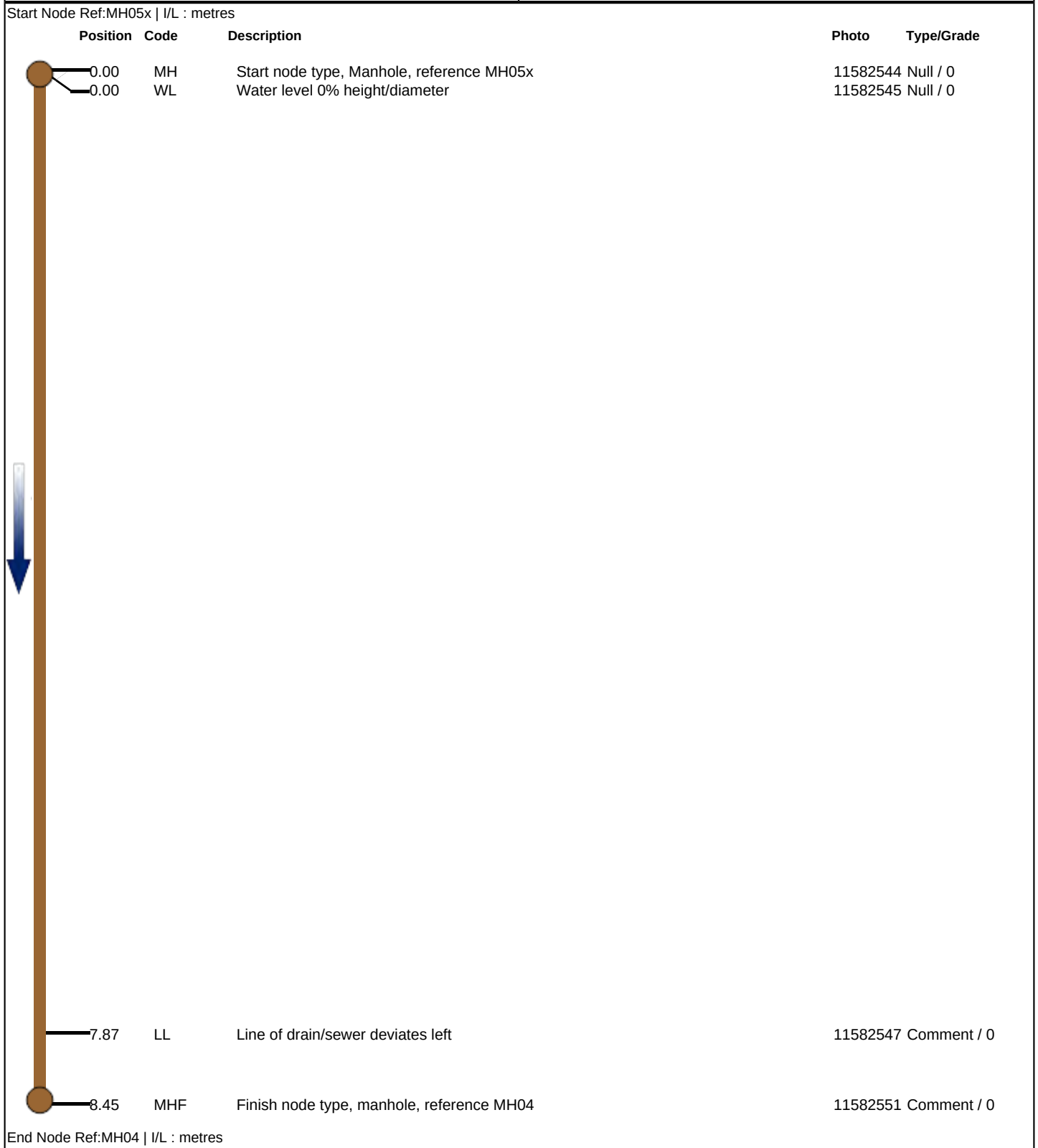


Settled deposits hard or compacted 20% cross-sectional area loss



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH05x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 21
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,			Division District Location Details	
Purpose Duty Combined Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH05x End Node MH04 Total length 8.45 metres	
Scale 1:0.44 Direction Downstream			View via iTouch Live  Download 	



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH05x



Water level 0% height/diameter

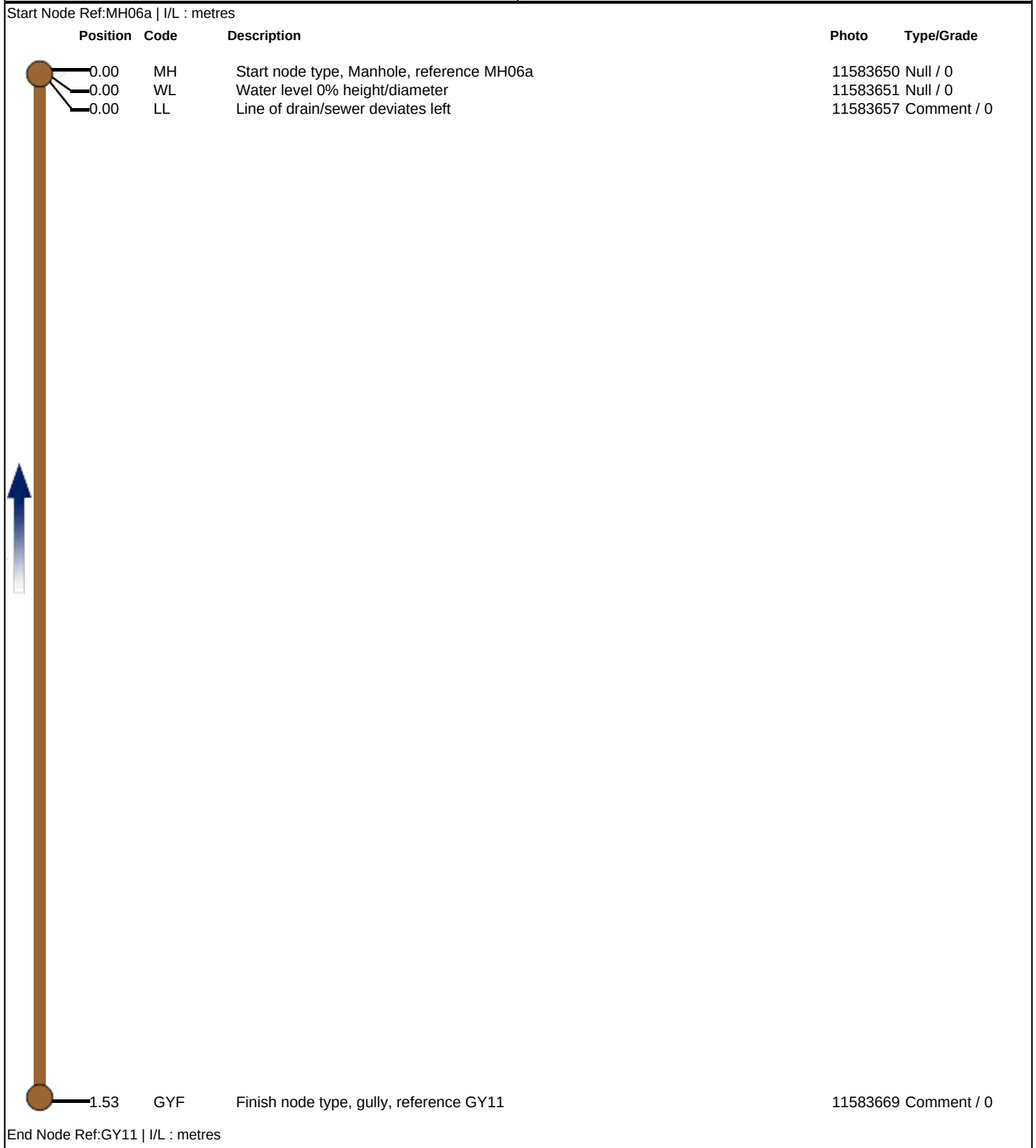


Line of drain/sewer deviates left



Finish node type, manhole, reference MH04

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) GY11 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 22
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Polyvinyl chloride Category		Start Node MH06a End Node GY11 Total length 1.53 metres	
Scale 1:0.08 Direction Upstream		View via iTouch Live  Download 		

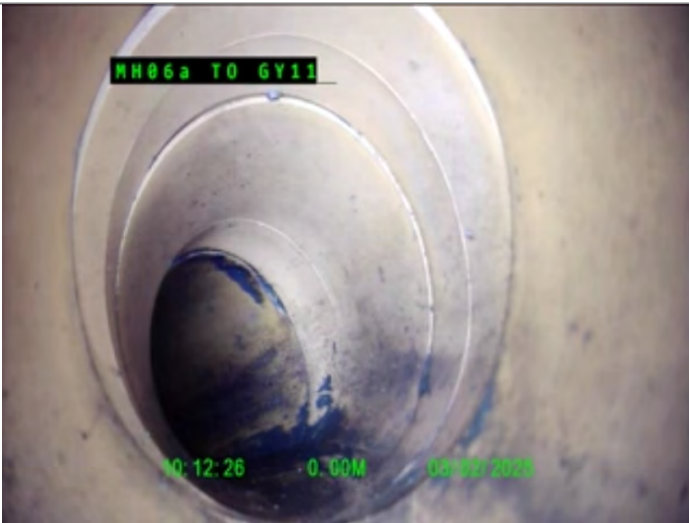


Job Number
UM24-2974-DAR Hinckley Day Case

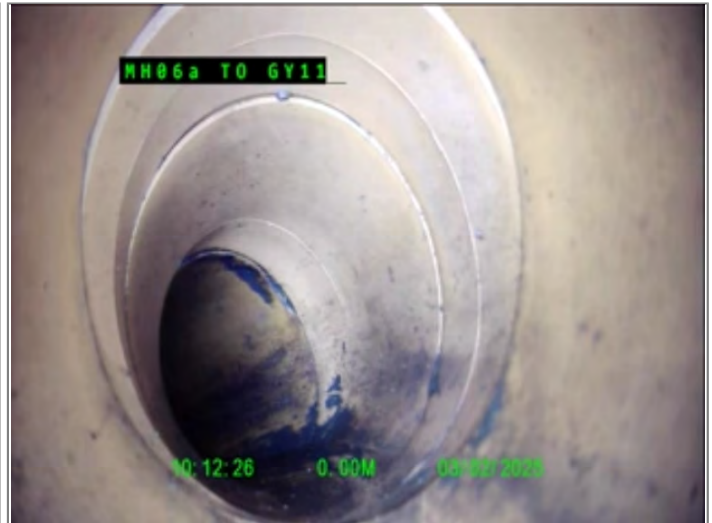
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

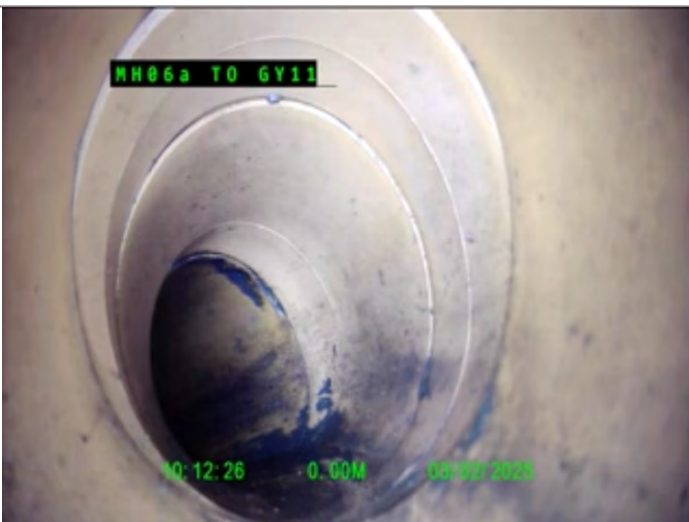
Date
12/02/2025



Start node type, Manhole, reference MH06a



Water level 0% height/diameter



Line of drain/sewer deviates left



Finish node type, gully, reference GY11

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) UTR X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 5R2J4WFIOA	Section Number 23
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH06b End Node UTR Total length 0.09 metres	
Scale 1:0.00 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH06b | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	WL	Water level 0% height/diameter	11583698	Null / 0
0.00	MH	Start node type, Manhole, reference MH06b	11583699	Null / 0
0.00	DEC	Settled deposits hard or compacted 30% cross-sectional area loss	11583712	Service / 4
0.09	SA	Survey abandoned - Remark: UTR	11583726	Comment / 0

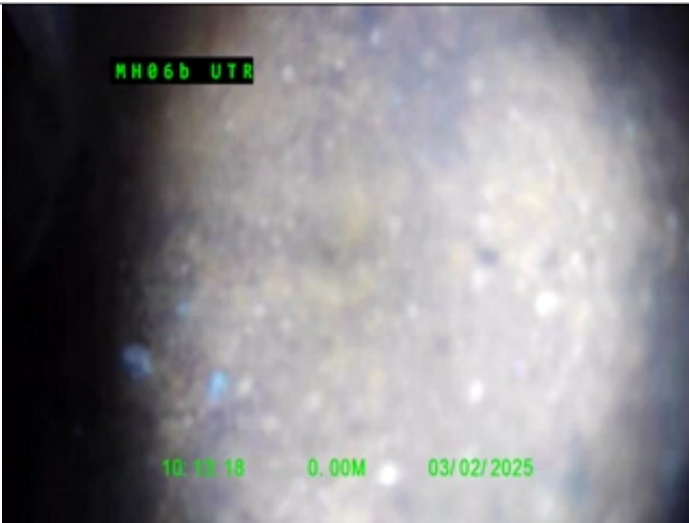
End Node Ref:UTR | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

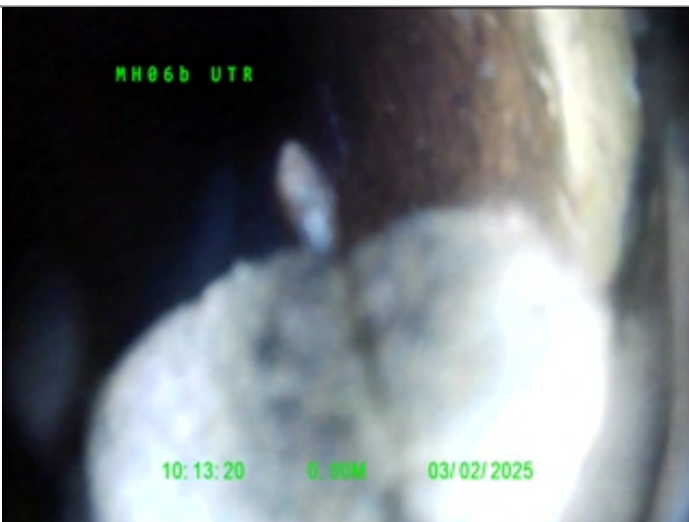
Date
12/02/2025



Water level 0% height/diameter



Start node type, Manhole, reference MH06b



Settled deposits hard or compacted 30% cross-sectional area loss



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH07 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 24
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH06c End Node MH07 Total length 19.51 metres	
Scale 1:1.02 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH06c | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH06c	11584403	Null / 0
0.00	WL	Water level 5% height/diameter	11584404	Null / 0
				
9.87	CN	Connection other than junction at 9 o'clock, diameter 100mm	11584418	Comment / 0
19.51	MHF	Finish node type, manhole, reference MH07	11584449	Comment / 0

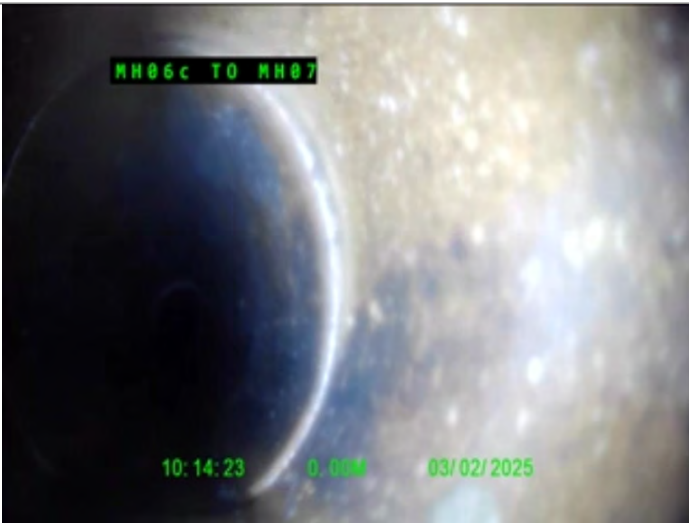
End Node Ref:MH07 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

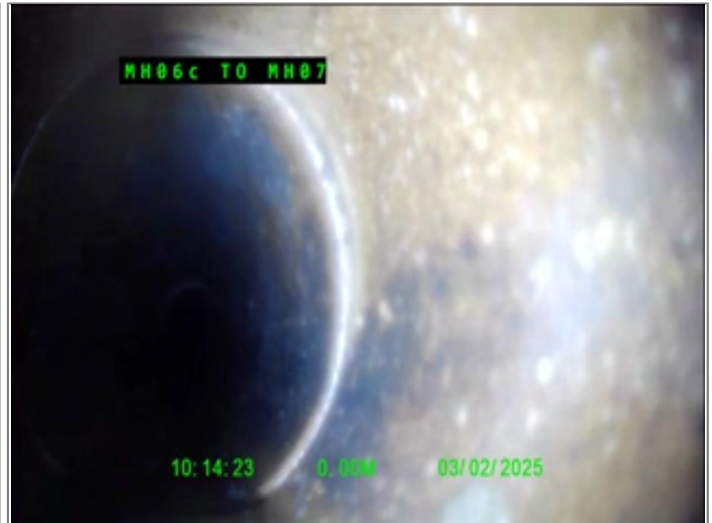
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

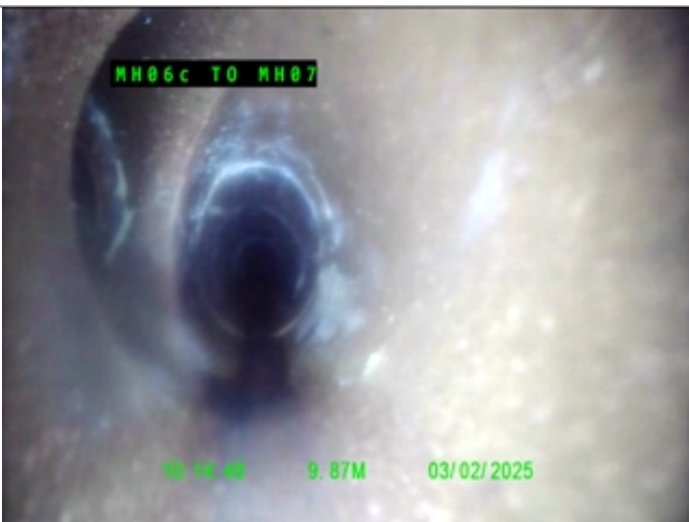
Date
12/02/2025



Start node type, Manhole, reference MH06c



Water level 5% height/diameter



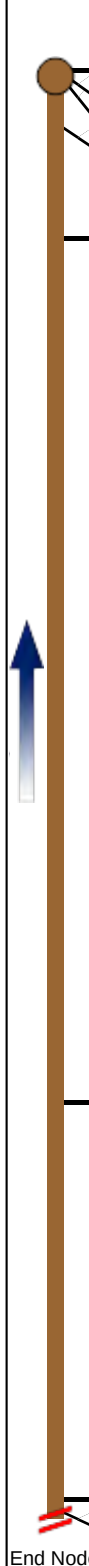
Connection other than junction at 9 o'clock, diameter 100mm



Finish node type, manhole, reference MH07

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) RWP X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 2/2	Base Unit 5R2J4WFIOA	Section Number 25
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH06e End Node RWP Total length 2.4 metres	
Scale 1:0.13 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH06e | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH06e	11585237 Null / 0
	0.00	WL	Water level 5% height/diameter	11585238 Null / 0
	0.00	DES (S1)	Settled deposits fine 5% cross-sectional area loss, Start	11585240 Service / 2
	0.09	CC	Crack circumferential from 1 to 5 o'clock	11585244 Structural / 2
	0.28	LR	Line of drain/sewer deviates right	11585246 Comment / 0
	1.72	LR	Line of drain/sewer deviates right	11585247 Comment / 0
	2.40	DES (F1)	Settled deposits fine 5% cross-sectional area loss, Finished	11585250 Service / 2
	2.40	SA	Survey abandoned - Remark: RWP	11585252 Comment / 0

End Node Ref:RWP | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH06e



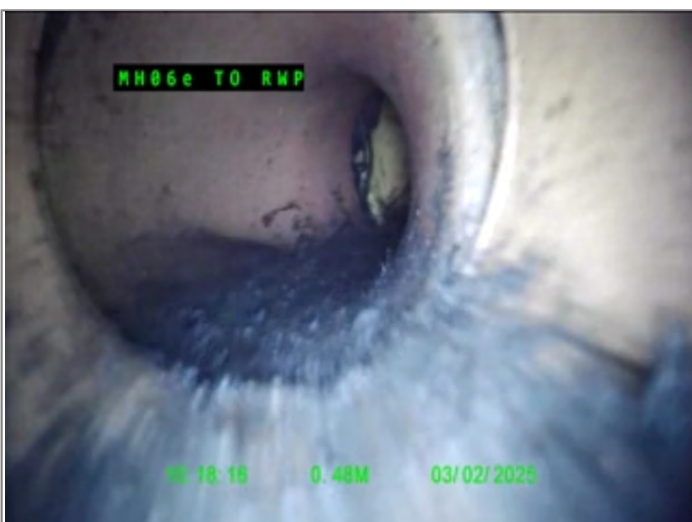
Water level 5% height/diameter



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



Crack circumferential from 1 to 5 o'clock



Line of drain/sewer deviates right



Line of drain/sewer deviates right

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



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



Survey abandoned - Remark: RWP

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH06x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 2/2	Base Unit 5R2J4WFIOA	Section Number 26
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH06x End Node BLDG MH Total length 26.78 metres	
Scale 1:1.41 Direction Downstream		View via iTouch Live Download		

Start Node Ref:MH06x | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH06x	11582624	Null / 0
0.00	WL	Water level 0% height/diameter	11582625	Null / 0
0.00	CCJ	Crack circumferential from 3 to 10 o'clock at joint	11582635	Structural / 2
3.45	CCJ	Crack circumferential from 4 to 11 o'clock at joint	11582654	Structural / 2
6.72	CN	Connection other than junction at 1 o'clock, diameter 100mm	11582671	Comment / 0
9.25	CLJ	Crack longitudinal at 3 o'clock at joint	11582681	Structural / 2
18.17	CN	Connection other than junction at 9 o'clock, diameter 100mm	11582927	Comment / 0
20.83	CN	Connection other than junction at 3 o'clock, diameter 150mm	11582943	Comment / 0
25.52	DEE	Attached deposits, encrustation at 4 o'clock 5% cross-sectional area loss	11582972	Service / 2
26.78	MHF	Finish node type, manhole, reference BLDG MH	11582978	Comment / 0

End Node Ref:BLDG MH | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH06x



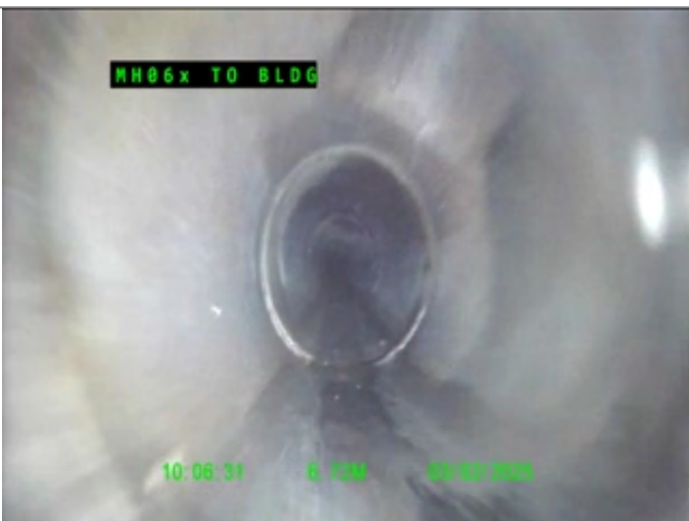
Water level 0% height/diameter



Crack circumferential from 3 to 10 o'clock at joint



Crack circumferential from 4 to 11 o'clock at joint



Connection other than junction at 1 o'clock, diameter 100mm



Crack longitudinal at 3 o'clock at joint

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Connection other than junction at 9 o'clock, diameter 100mm



Connection other than junction at 3 o'clock, diameter 150mm

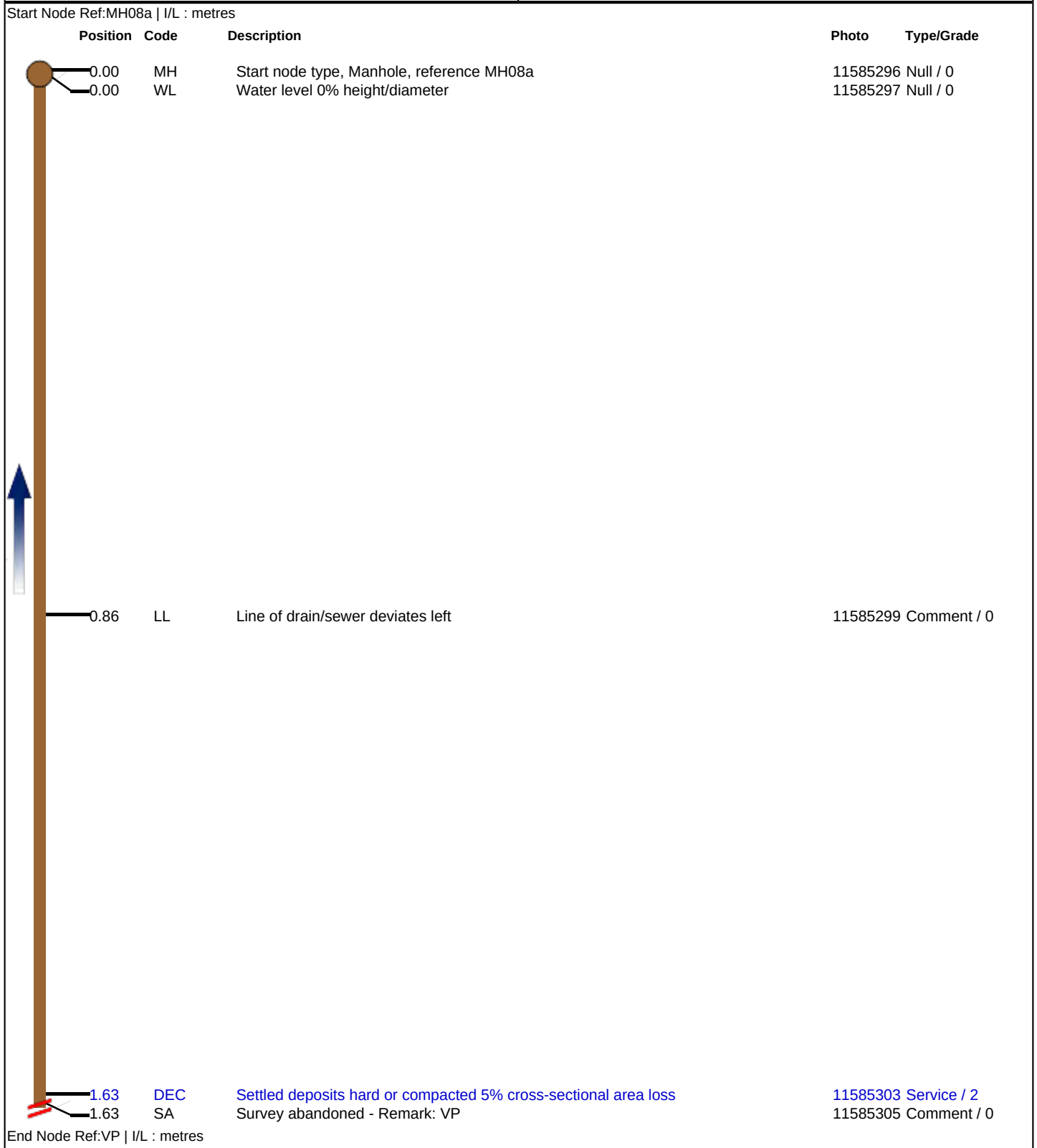


Attached deposits, encrustation at 4 o'clock 5% cross-sectional area loss



Finish node type, manhole, reference BLDG MH

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) VP X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 2/0	Base Unit 5R2J4WFIOA	Section Number 27
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyvinyl chloride Category		Start Node MH08a End Node VP Total length 1.63 metres	
Scale 1:0.09 Direction Upstream		View via iTouch Live Download		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



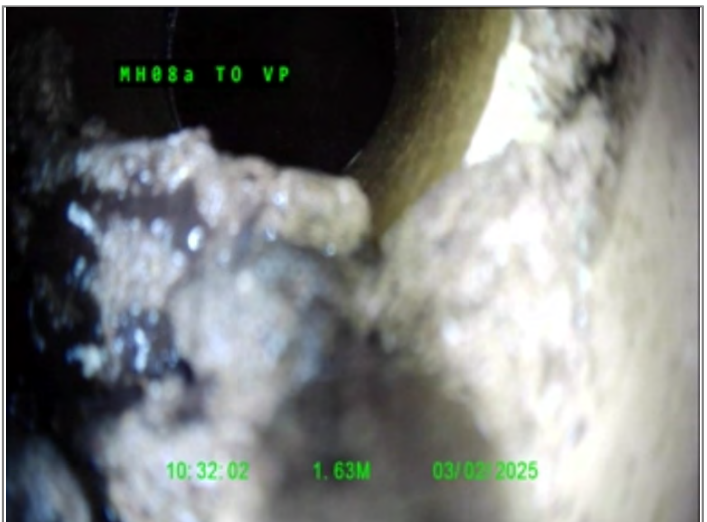
Start node type, Manhole, reference MH08a



Water level 0% height/diameter



Line of drain/sewer deviates left



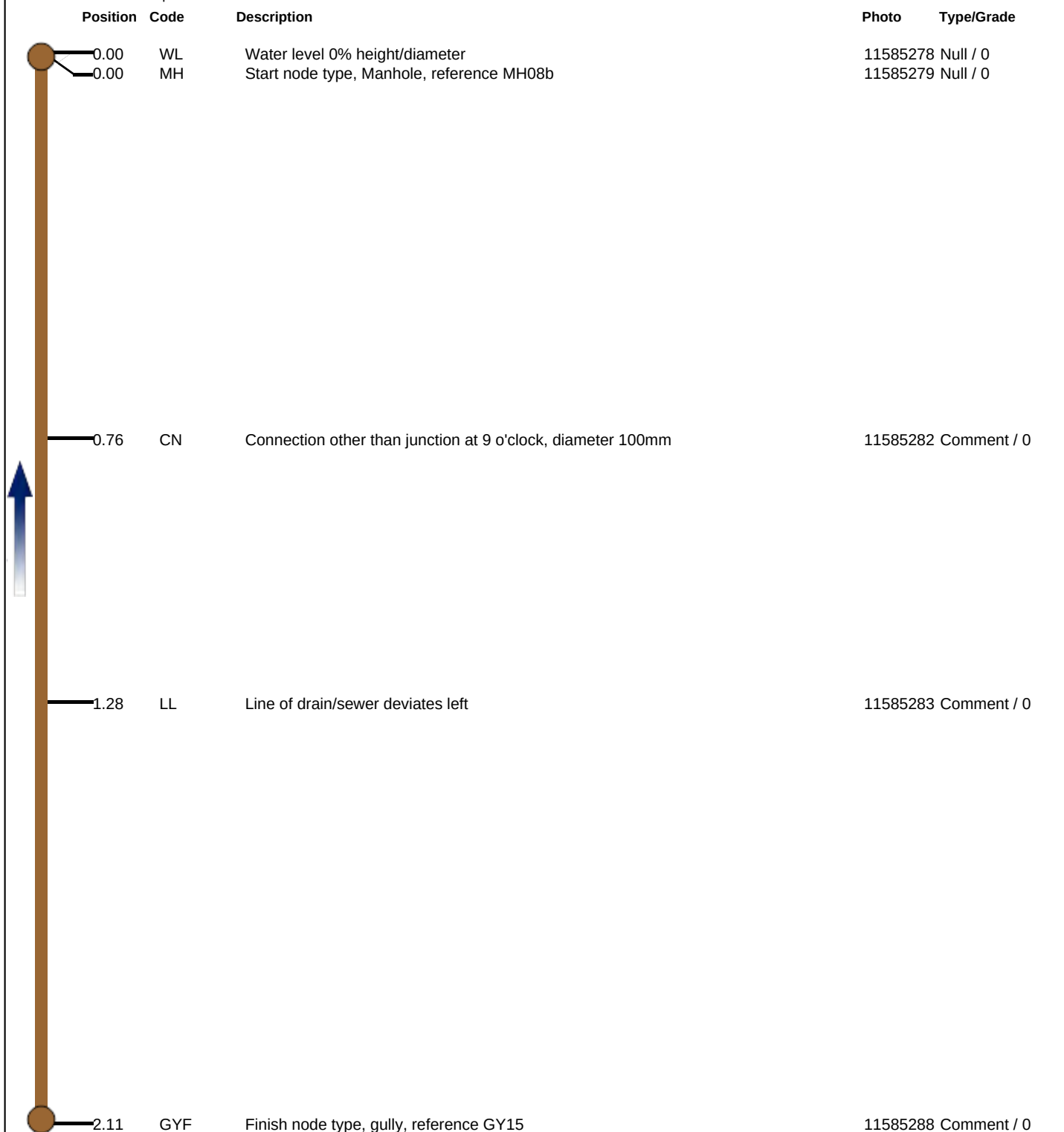
Settled deposits hard or compacted 5% cross-sectional area loss



Survey abandoned - Remark: VP

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) GY15 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 28
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH08b End Node GY15 Total length 2.11 metres	
Scale 1:0.11 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH08b | I/L : metres



End Node Ref:GY15 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

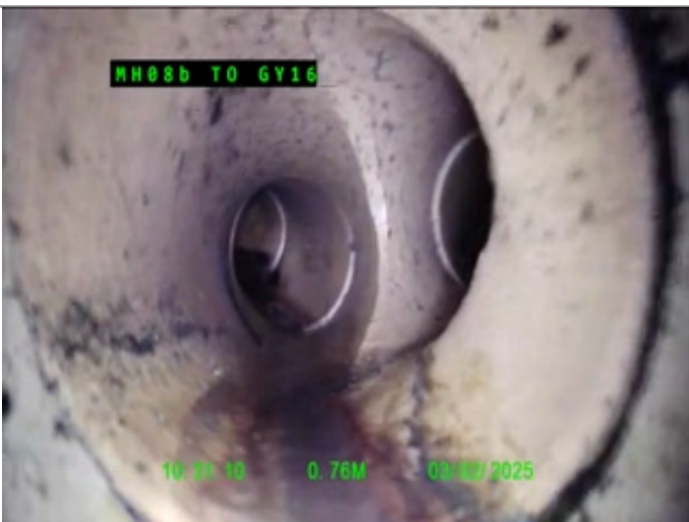
Date
12/02/2025



Water level 0% height/diameter



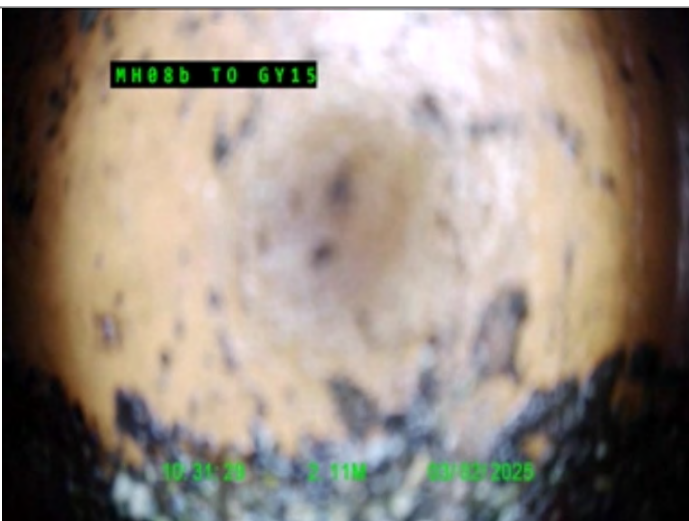
Start node type, Manhole, reference MH08b



Connection other than junction at 9 o'clock, diameter 100mm



Line of drain/sewer deviates left



Finish node type, gully, reference GY15

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 29
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH08c End Node EOT Total length 12.93 metres	
Scale 1:0.68 Direction Upstream		View via iTouch Live Download		

Start Node Ref:MH08c | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00 MH	Start node type, Manhole, reference MH08c	11585310	Null / 0
	0.00 WL	Water level 0% height/diameter	11585311	Null / 0
				
	12.34 CN	Connection other than junction at 12 o'clock, diameter 100mm	11585321	Comment / 0
	12.93 LD	Line of drain/sewer deviates down	11585328	Comment / 0
	12.93 SA	Survey abandoned - Remark: EOT	11585330	Comment / 0

End Node Ref:EOT | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH08c



Water level 0% height/diameter



Connection other than junction at 12 o'clock, diameter 100mm

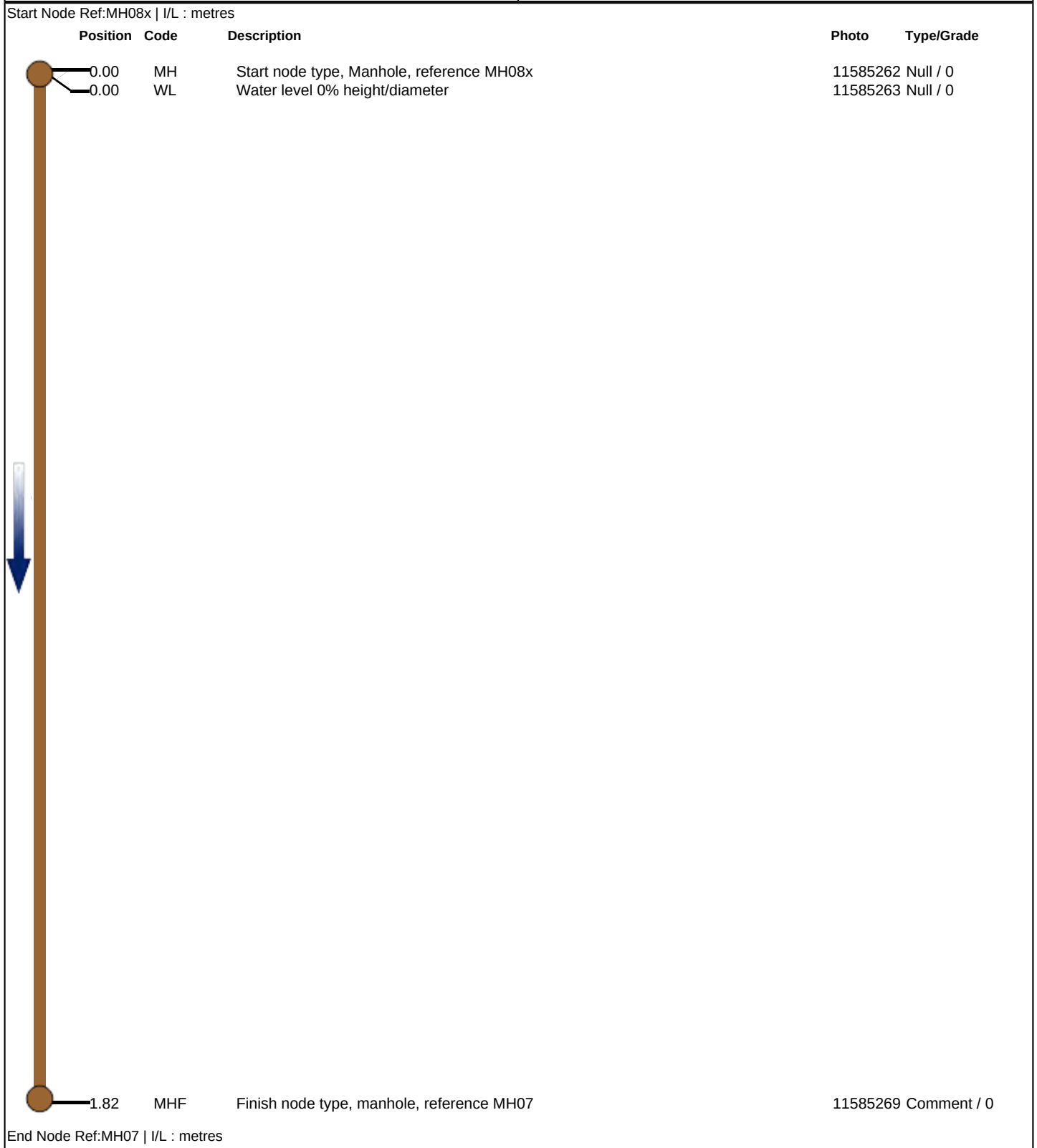


Line of drain/sewer deviates down



Survey abandoned - Remark: EOT

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH08x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 30
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyvinyl chloride Category		Start Node MH08x End Node MH07 Total length 1.82 metres	
Scale 1:0.10 Direction Downstream		View via iTouch Live  Download 		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH08x

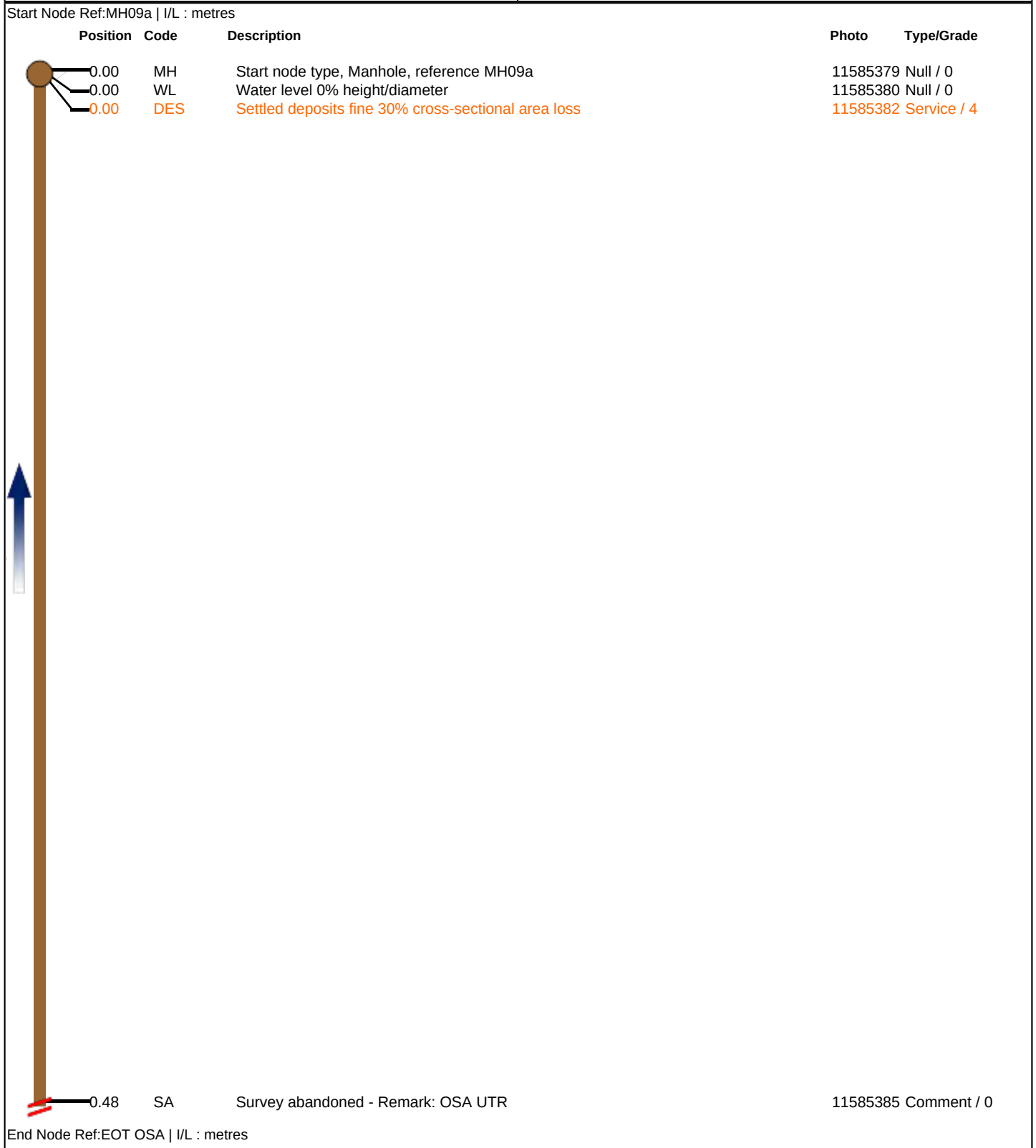


Water level 0% height/diameter



Finish node type, manhole, reference MH07

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT OSA X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 5R2J4WFIOA	Section Number 31
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH09a End Node EOT OSA Total length 0.48 metres	
Scale 1:0.03 Direction Upstream		View via iTouch Live  Download 		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH09a



Water level 0% height/diameter



Settled deposits fine 30% cross-sectional area loss



Survey abandoned - Remark: OSA UTR

[illegible]

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH09b



Water level 30% height/diameter



Loss of vision, camera under water



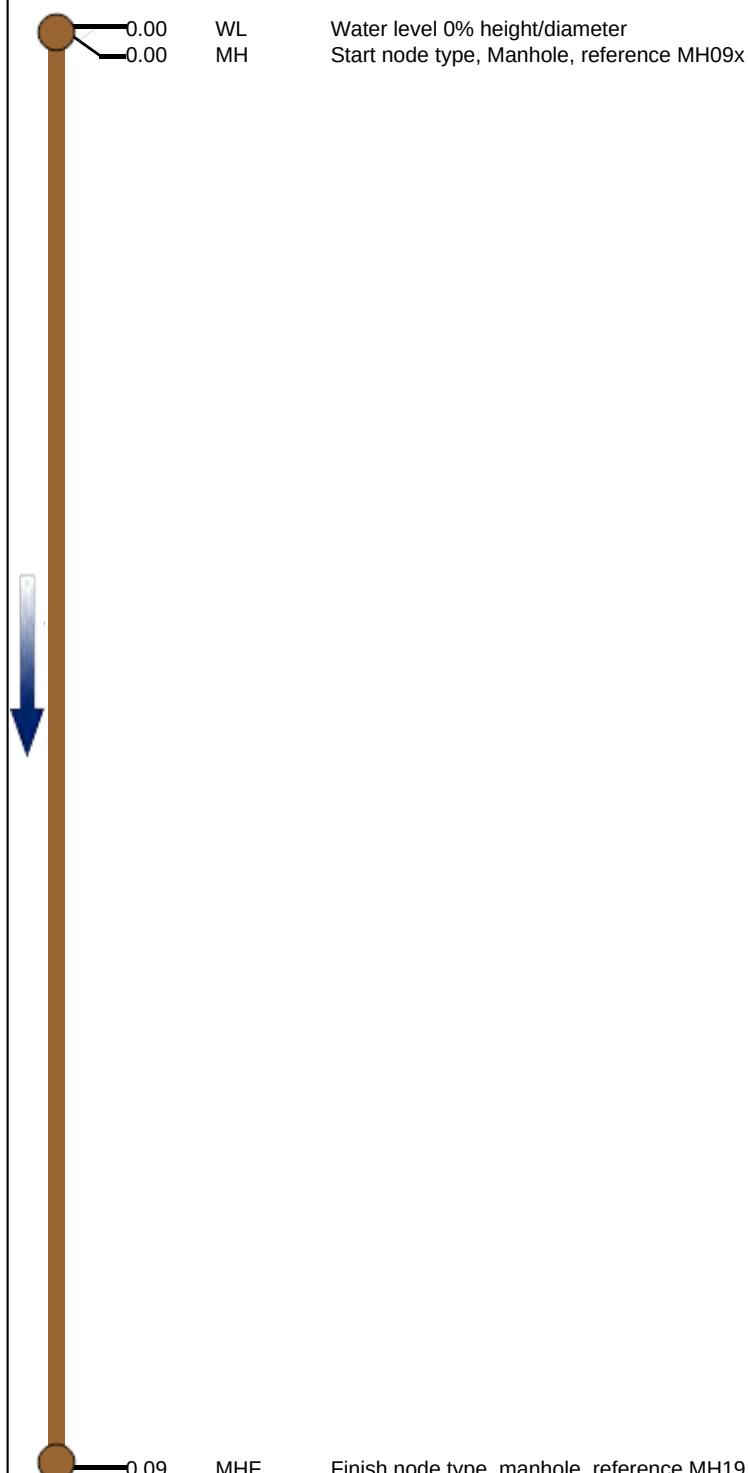
Line of drain/sewer deviates up



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH09x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 33
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH09x End Node MH19 Total length 0.09 metres	
Scale 1:0.00 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:MH09x | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	WL	Water level 0% height/diameter	11585435	Null / 0
0.00	MH	Start node type, Manhole, reference MH09x	11585436	Null / 0
				
0.09	MHF	Finish node type, manhole, reference MH19	11585446	Comment / 0

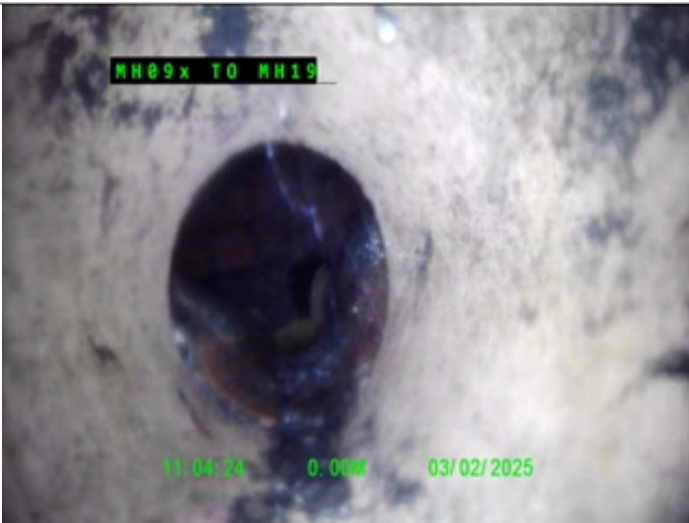
End Node Ref:MH19 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

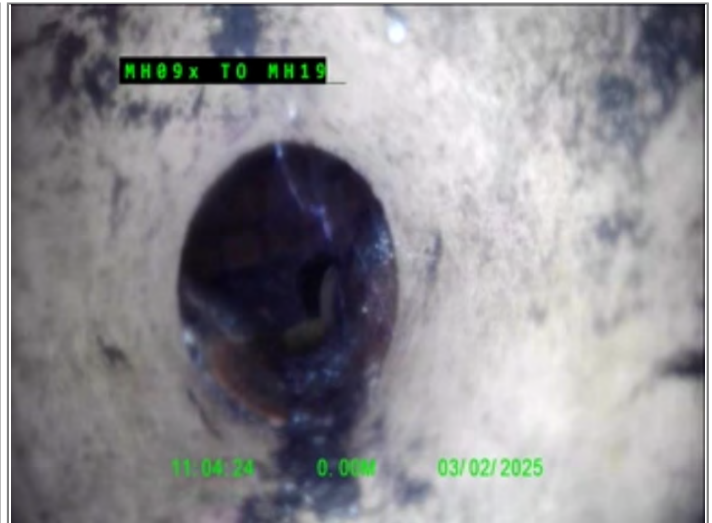
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Water level 0% height/diameter

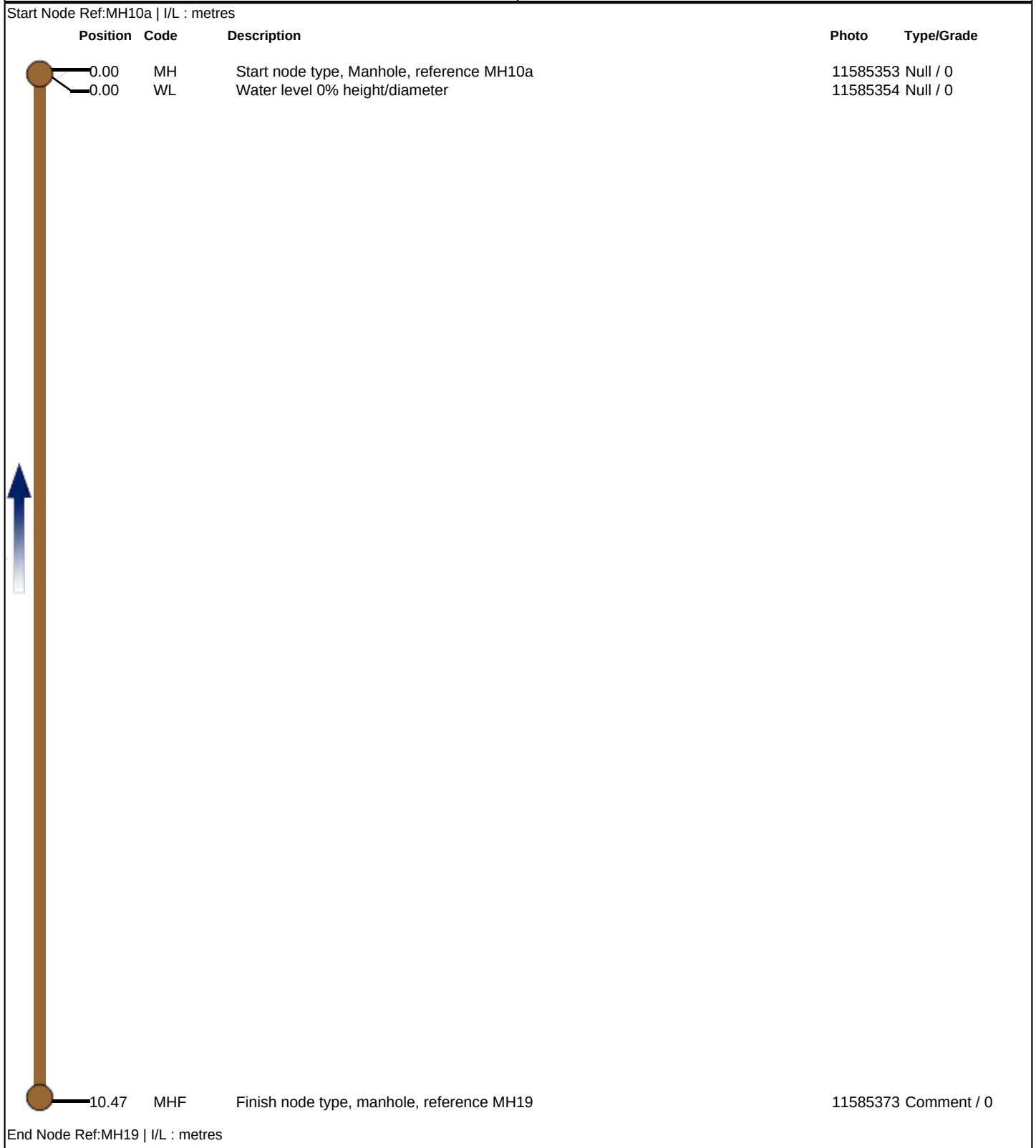


Start node type, Manhole, reference MH09x



Finish node type, manhole, reference MH19

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH19 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 34
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,			Division District Location Details	
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH10a End Node MH19 Total length 10.47 metres	
Scale 1:0.55 Direction Upstream			View via iTouch Live  Download 	



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH10a

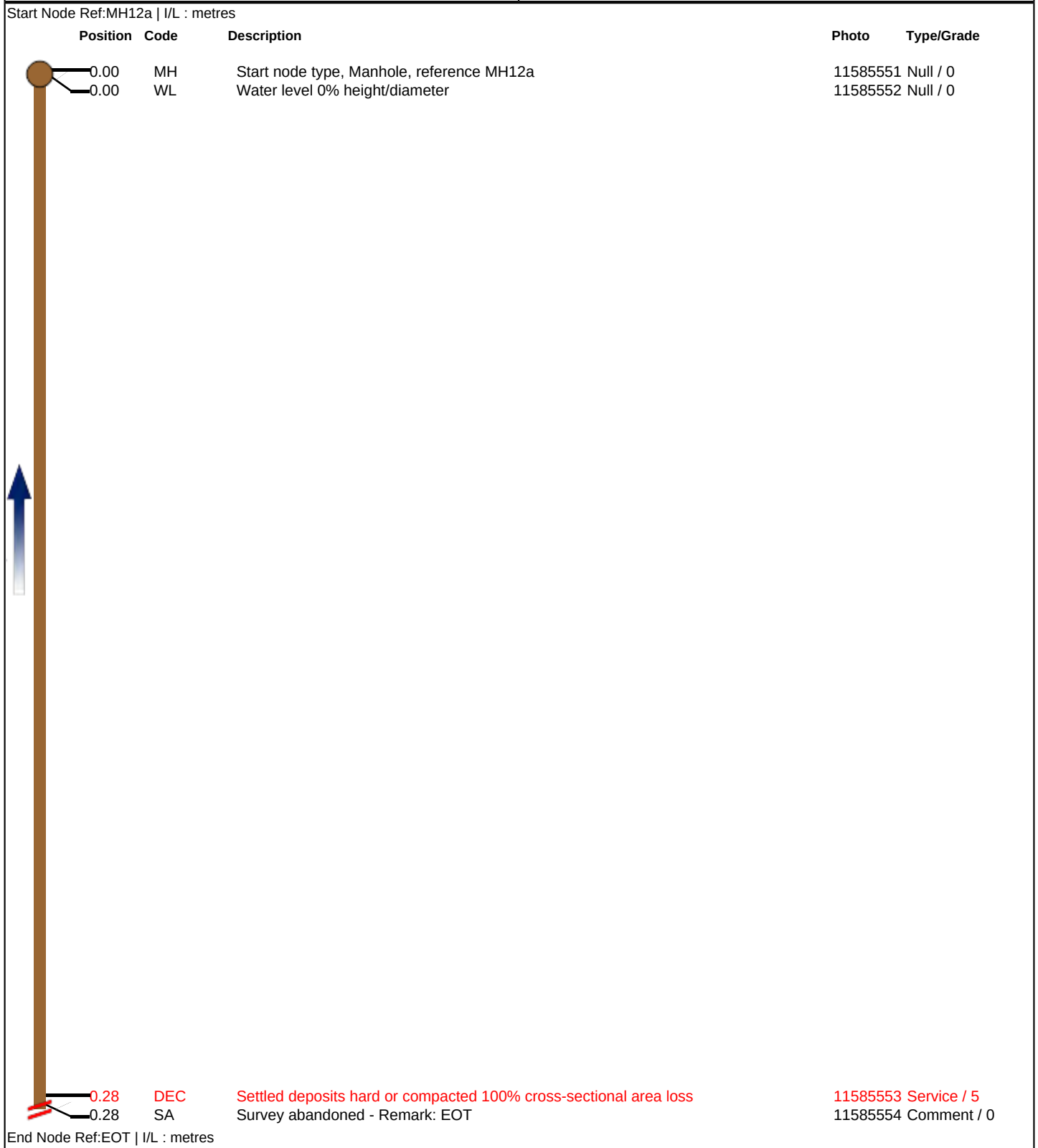


Water level 0% height/diameter



Finish node type, manhole, reference MH19

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) EOT X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 5/0	Base Unit 5R2J4WFIOA	Section Number 35
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH12a End Node EOT Total length 0.28 metres	
Scale 1:0.01 Direction Upstream		View via iTouch Live  Download 		

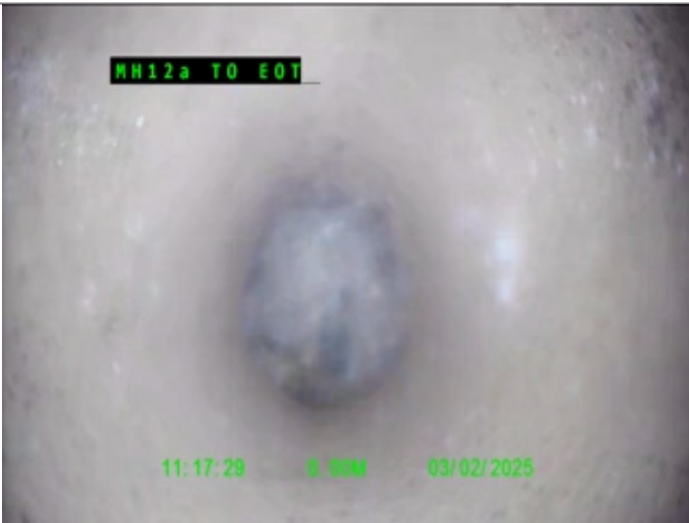


Job Number
UM24-2974-DAR Hinckley Day Case

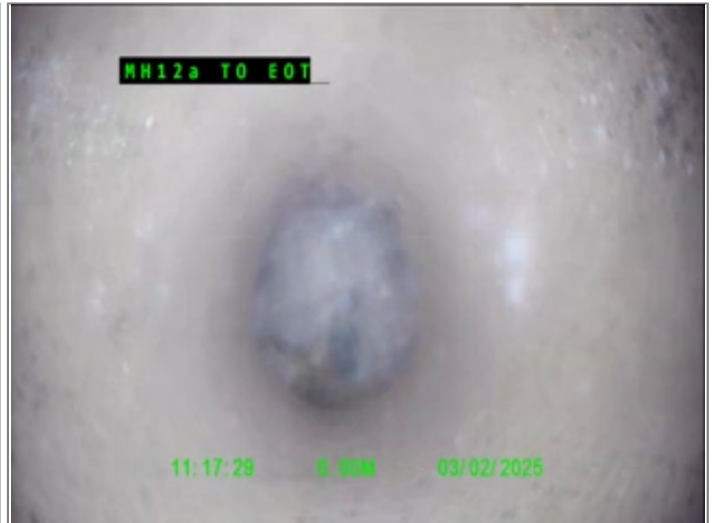
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

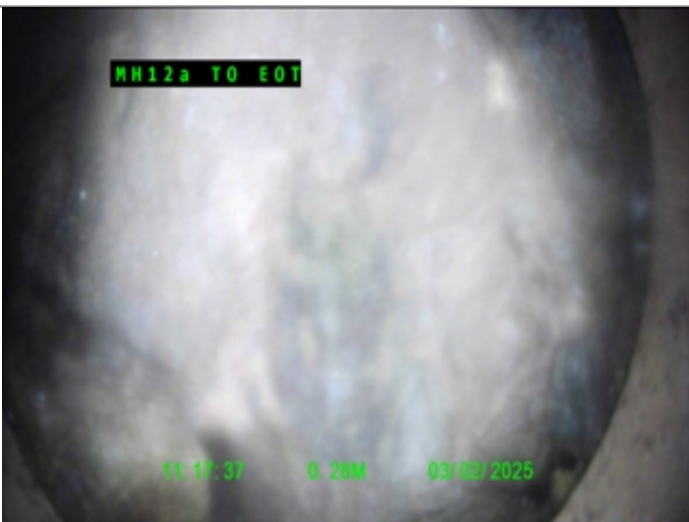
Date
12/02/2025



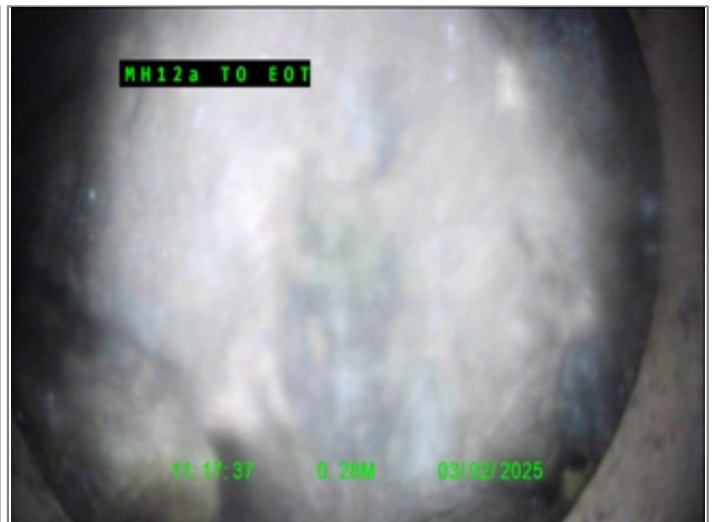
Start node type, Manhole, reference MH12a



Water level 0% height/diameter



Settled deposits hard or compacted 100% cross-sectional area loss



Survey abandoned - Remark: EOT

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) UTR X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/4	Base Unit 5R2J4WFIOA	Section Number 36
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH12b End Node UTR Total length metres	
Scale 1:0.00 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH12b | I/L : metres

	Position	Code	Description	Photo	Type/Grade
	0.00	MH	Start node type, Manhole, reference MH12b	11585656	Null / 0
	0.00	WL	Water level 0% height/diameter	11585657	Null / 0
	0.00	DER	Settled deposits coarse 10% cross-sectional area loss	11585659	Service / 3
	0.00	JD	Joint displaced 20mm	11585661	Structural / 4
	0.00	SA	Survey abandoned - Remark: UTR	11585664	Comment / 0

End Node Ref:UTR | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

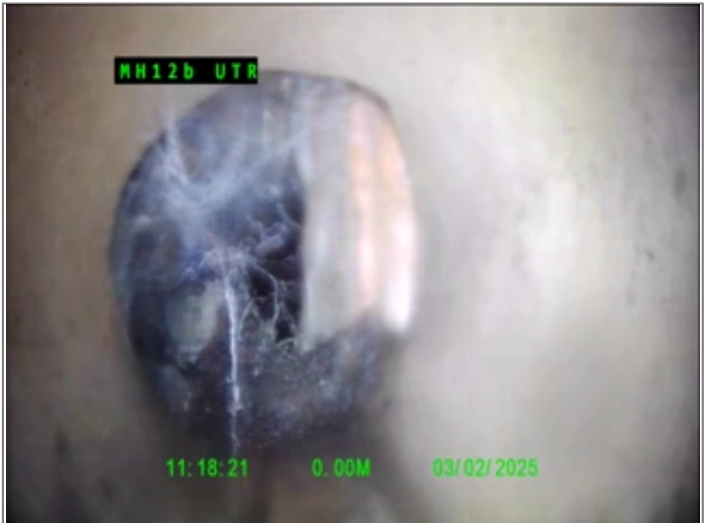
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



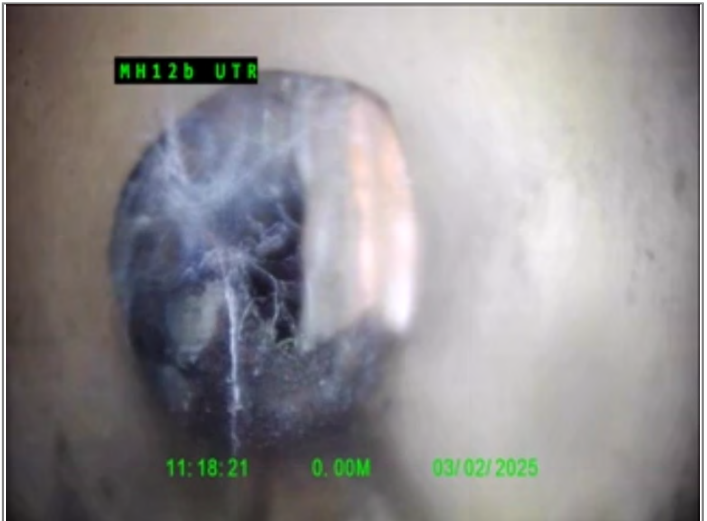
Start node type, Manhole, reference MH12b



Water level 0% height/diameter



Settled deposits coarse 10% cross-sectional area loss

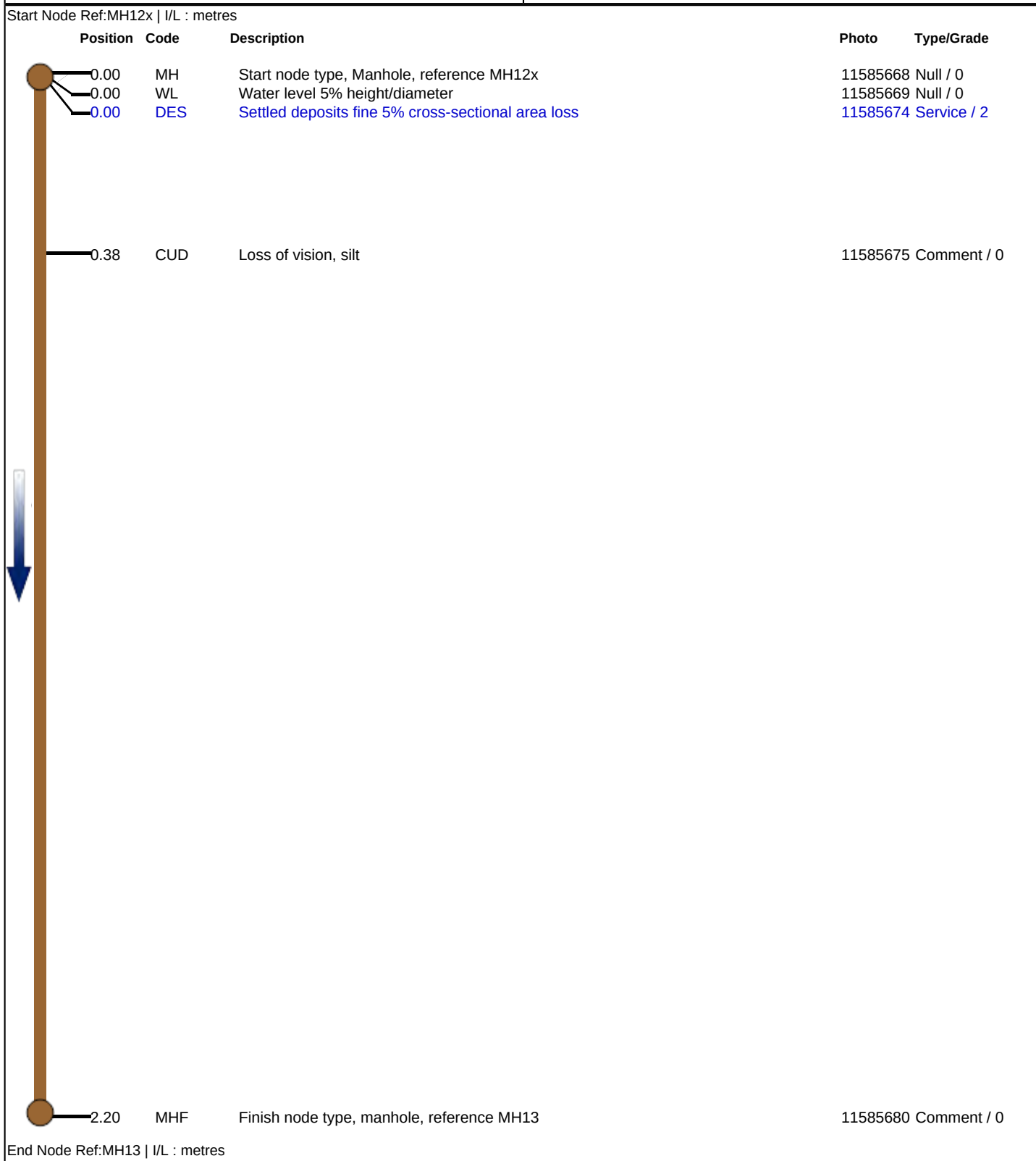


Joint displaced 20mm



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH12x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 2/0	Base Unit 5R2J4WFIOA	Section Number 37
Road Hinckley Day Case, Place Mount Road, Location Hinckley,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH12x End Node MH13 Total length 2.2 metres	
Scale 1:0.12 Direction Downstream		View via iTouch Live  Download 		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH12x



Water level 5% height/diameter



Settled deposits fine 5% cross-sectional area loss

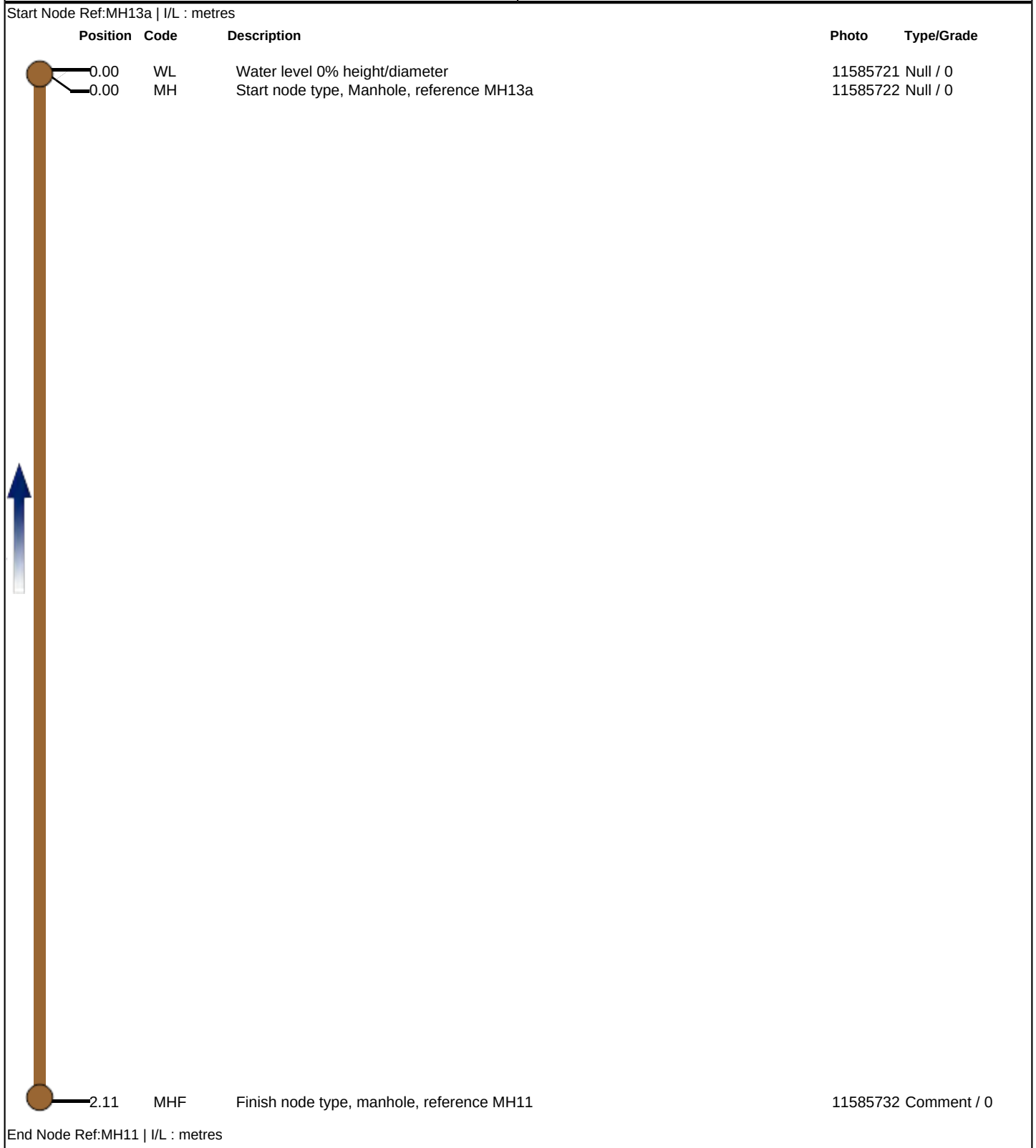


Loss of vision, silt



Finish node type, manhole, reference MH13

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH11 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 38
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,			Division District Location Details	
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH13a End Node MH11 Total length 2.11 metres	
Scale 1:0.11 Direction Upstream			View via iTouch Live  Download 	



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Water level 0% height/diameter



Start node type, Manhole, reference MH13a



Finish node type, manhole, reference MH11

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH13x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/1	Base Unit 5R2J4WFIOA	Section Number 39
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH13x End Node MH OSA Total length 5.85 metres	
Scale 1:0.31 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:MH13x | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00	WL		11585709 Comment / 0
	0.00	MH		11585710 Null / 0
				
1.24	JD	Joint displaced 5mm		11585713 Structural / 1
5.85	MHF	Finish node type, manhole, reference MH OSA		11585719 Comment / 0

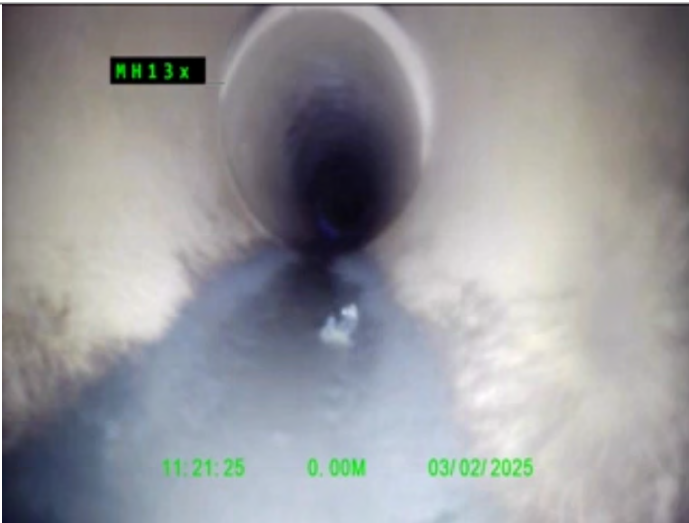
End Node Ref:MH OSA | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

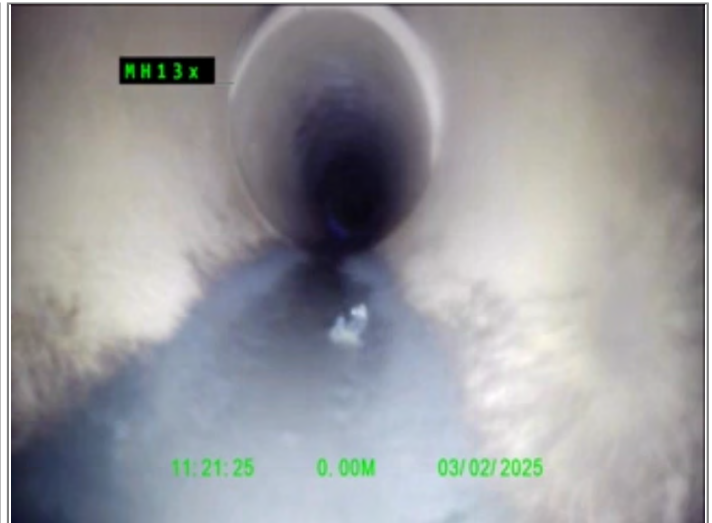
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Water level 0% height/diameter



Start node type, Manhole, reference MH13x



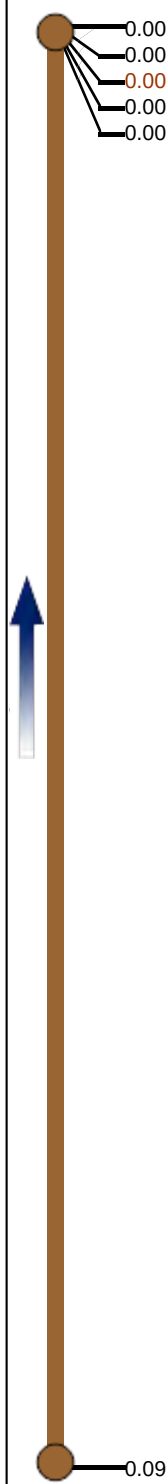
Joint displaced 5mm



Finish node type, manhole, reference MH OSA

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) GY19 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 40
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH14a End Node GY19 Total length 0.09 metres	
Scale 1:0.00 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH14a | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH14a	11585785	Null / 0
0.00	WL	Water level 0% height/diameter	11585786	Null / 0
0.00	DER	Settled deposits coarse 20% cross-sectional area loss	11585787	Service / 3
0.00	LD	Line of drain/sewer deviates down	11585790	Comment / 0
0.00	CUD	Loss of vision, silt	11585795	Comment / 0
				
0.09	MHF	Finish node type, manhole, reference GY19	11585801	Comment / 0

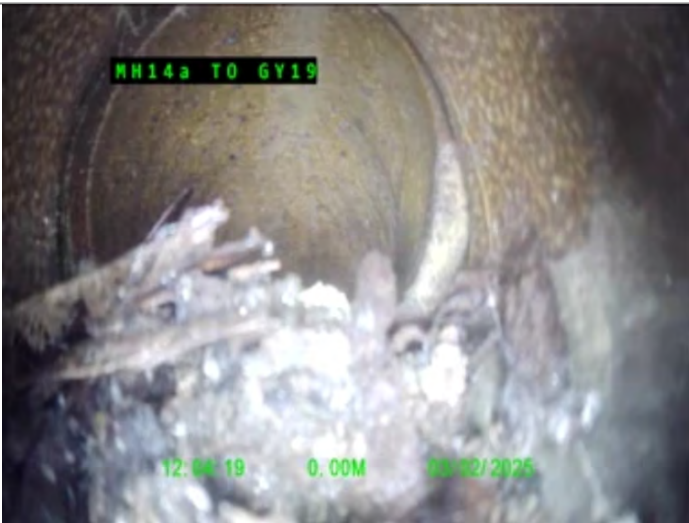
End Node Ref:GY19 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH14a



Water level 0% height/diameter



Settled deposits coarse 20% cross-sectional area loss



Line of drain/sewer deviates down

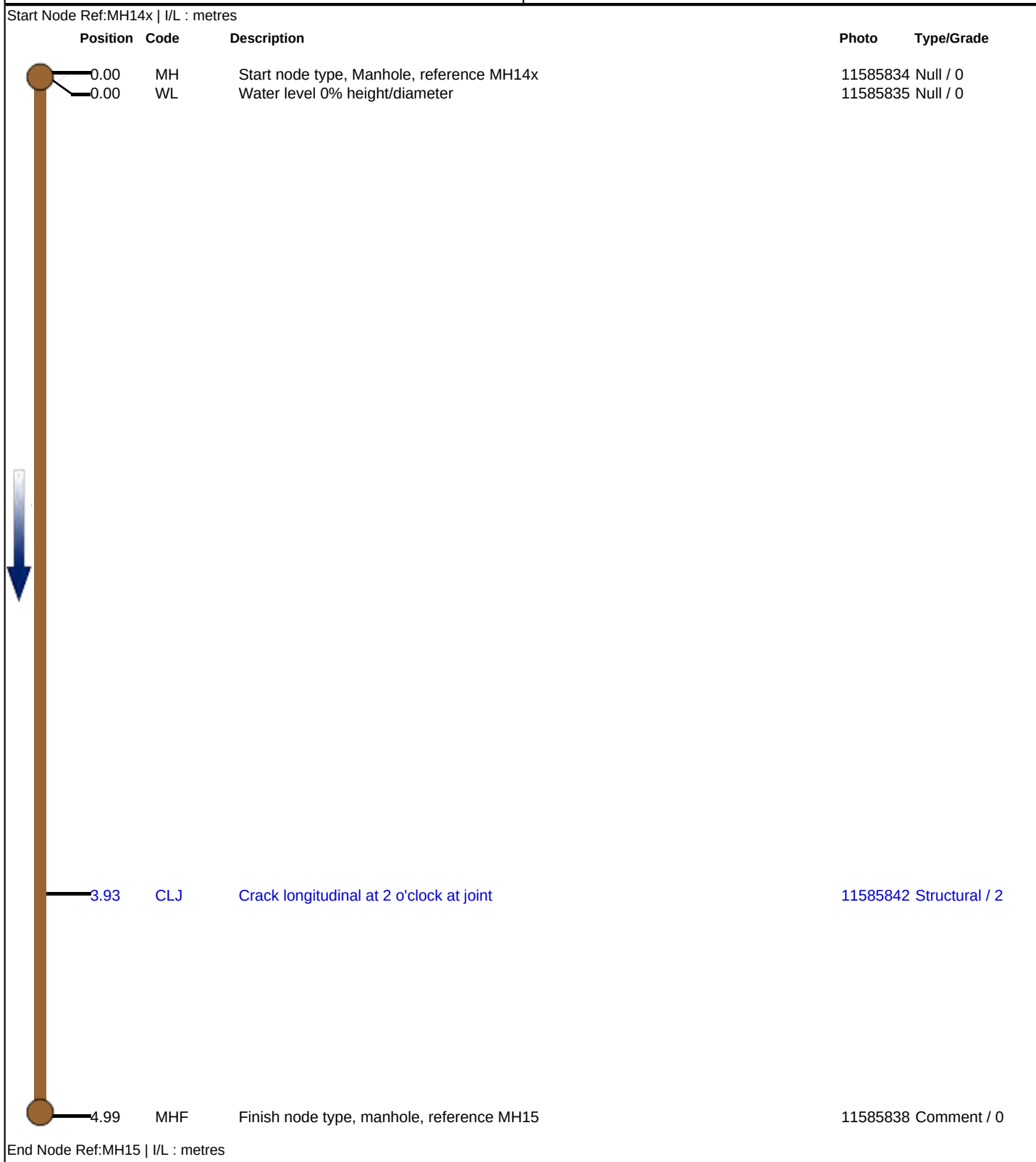


Loss of vision, silt



Finish node type, manhole, reference GY19

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH14x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/2	Base Unit 5R2J4WFIOA	Section Number 41
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH14x End Node MH15 Total length 4.99 metres	
Scale 1:0.26 Direction Downstream		View via iTouch Live Download		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH14x



Water level 0% height/diameter



Crack longitudinal at 2 o'clock at joint



Finish node type, manhole, reference MH15

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) GY20 X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 42
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH15b End Node GY20 Total length 1.44 metres	
Scale 1:0.08 Direction Upstream		View via iTouch Live Download		

Start Node Ref:MH15b | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00 MH	Start node type, Manhole, reference MH15b	11585887	Null / 0
	0.00 WL	Water level 0% height/diameter	11585888	Null / 0
				
	0.76 LU	Line of drain/sewer deviates up	11585892	Comment / 0
				
	1.44 GYF	Finish node type, gully, reference GY20	11585895	Comment / 0

End Node Ref:GY20 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH15b



Water level 0% height/diameter



Line of drain/sewer deviates up



Finish node type, gully, reference GY20

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH15x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 43
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH15x End Node MH17 Total length 11.27 metres	
Scale 1:0.59 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:MH15x | I/L : metres

Position	Code	Description	Photo	Type/Grade
 0.00	WL	Water level 0% height/diameter	11585845	Null / 0
 0.00	MH	Start node type, Manhole, reference MH15x	11585846	Null / 0
 0.19	DES	Settled deposits fine 10% cross-sectional area loss	11585856	Service / 3
				
10.41	CN	Connection other than junction at 11 o'clock, diameter 100mm	11585868	Comment / 0
11.27	MHF	Finish node type, manhole, reference MH17	11585874	Comment / 0

End Node Ref:MH17 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Water level 0% height/diameter



Start node type, Manhole, reference MH15x



Settled deposits fine 10% cross-sectional area loss



Connection other than junction at 11 o'clock, diameter 100mm



Finish node type, manhole, reference MH17

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) DP X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 44
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH16a End Node DP Total length 2.01 metres	
Scale 1:0.11 Direction Upstream		View via iTouch Live  Download 		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
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Date
12/02/2025



Start node type, Manhole, reference MH16a



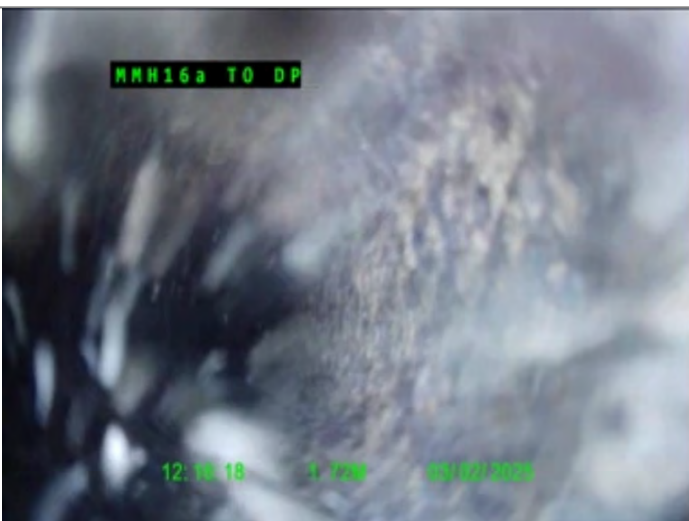
Water level 0% height/diameter



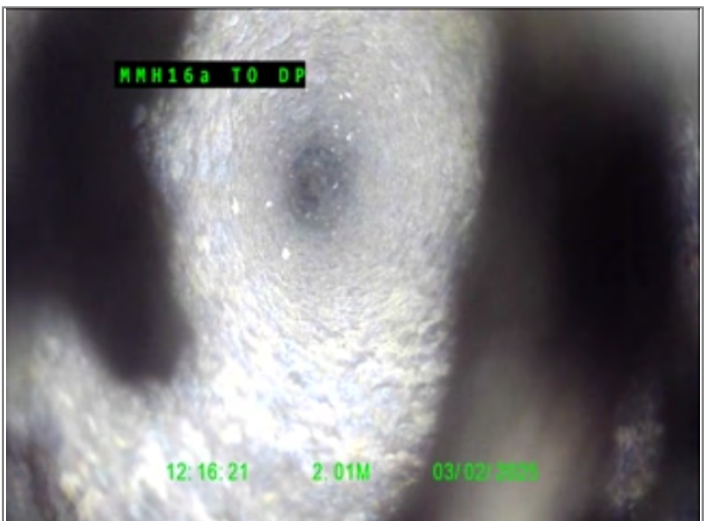
Line of drain/sewer deviates right



Settled deposits coarse 10% cross-sectional area loss



Line of drain/sewer deviates up



Survey abandoned - Remark: DP

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH16x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/3	Base Unit 5R2J4WFIOA	Section Number 45
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH16x End Node Main Run Total length 4.12 metres	
Scale 1:0.22 Direction Downstream		View via iTouch Live Download		

Start Node Ref:MH16x | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH16x	11586139	Null / 0
0.00	WL	Water level 0% height/diameter	11586140	Null / 0
0.57	CN	Connection other than junction at 9 o'clock, diameter 100mm	11586145	Comment / 0
1.24	JD	Joint displaced 10mm	11586146	Structural / 3
1.53	LD	Line of drain/sewer deviates down	11586151	Comment / 0
2.88	JD	Joint displaced 10mm	11586154	Structural / 3
4.12	BRF	Finish node type, major connection without manhole, reference Main Run	11586159	Comment / 0

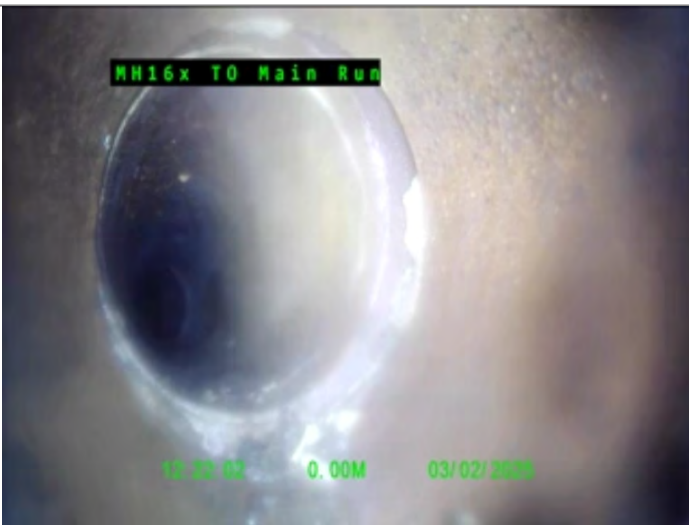
End Node Ref:Main Run | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

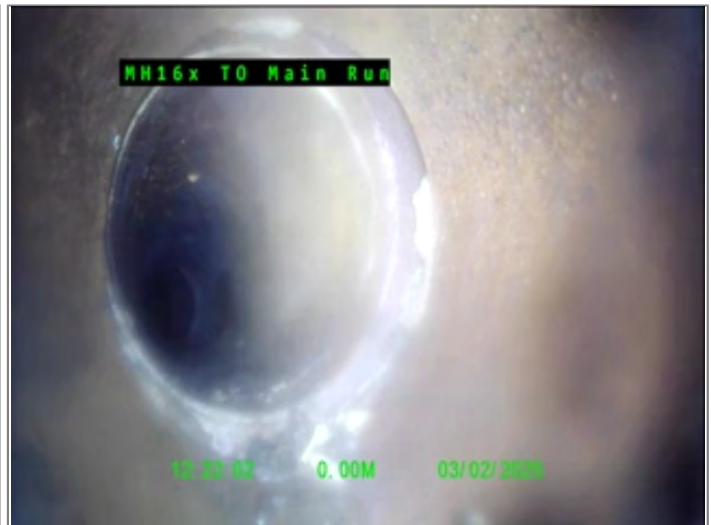
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH16x



Water level 0% height/diameter



Connection other than junction at 9 o'clock, diameter 100mm



Joint displaced 10mm



Line of drain/sewer deviates down



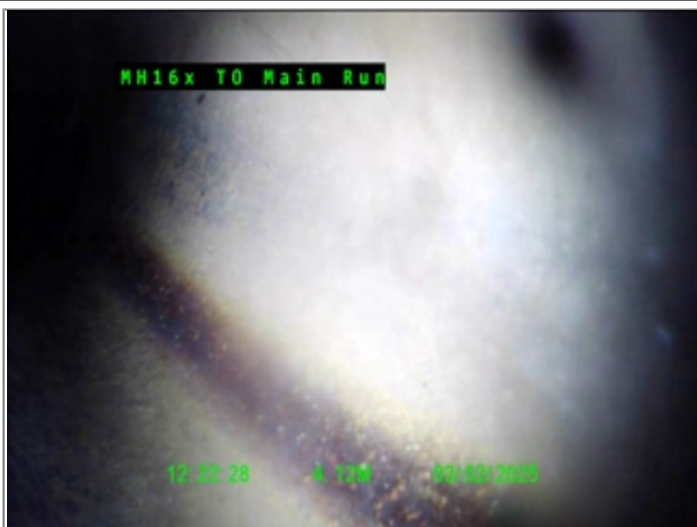
Joint displaced 10mm

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Finish node type, major connection without manhole, reference Main Run

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) BLDG MH	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 5R2J4WFIOA	Section Number 46
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH17b End Node BLDG MH Total length 9.11 metres	
Scale 1:0.48 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH17b | I/L : metres

Position	Code	Description	Photo	Type/Grade
	0.00 WL	Water level 0% height/diameter	11587203	Null / 0
	0.00 MH	Start node type, Manhole, reference MH17b	11587204	Null / 0
	0.00 LR	Line of drain/sewer deviates right	11587206	Comment / 0
				
	9.01 DES	Settled deposits fine 30% cross-sectional area loss	11587209	Service / 4
	9.11 MHF	Finish node type, manhole, reference BLDG MH	11587213	Comment / 0

End Node Ref:BLDG MH | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Water level 0% height/diameter



Start node type, Manhole, reference MH17b



Line of drain/sewer deviates right



Settled deposits fine 30% cross-sectional area loss



Finish node type, manhole, reference BLDG MH

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH17x	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 47
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH17x End Node MH18 Total length 3.26 metres	
Scale 1:0.17 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:MH17x | I/L : metres

Position	Code	Description	Photo	Type/Grade
 0.00	MH	Start node type, Manhole, reference MH17x	11587226	Null / 0
0.00	WL	Water level 0% height/diameter	11587227	Null / 0
				
1.02	CN	Connection other than junction at 10 o'clock, diameter 100mm	11587233	Comment / 0
				
2.68	LL	Line of drain/sewer deviates left	11587236	Comment / 0
				
3.26	MHF	Finish node type, manhole, reference MH18	11587241	Comment / 0

End Node Ref:MH18 | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

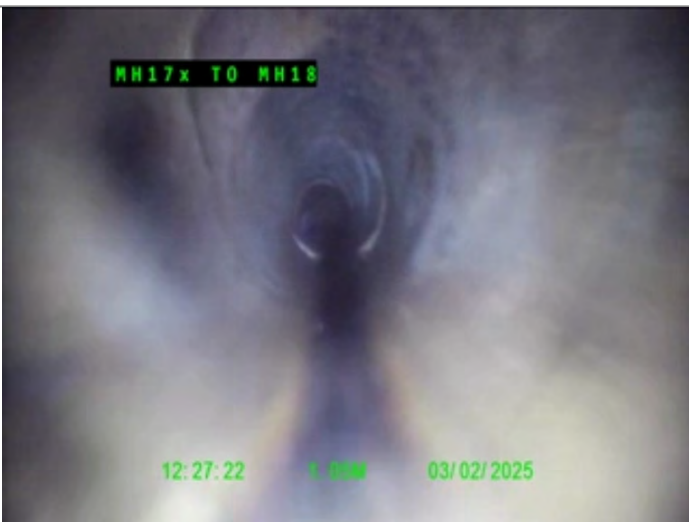
Date
12/02/2025



Start node type, Manhole, reference MH17x



Water level 0% height/diameter



Connection other than junction at 10 o'clock, diameter 100mm



Line of drain/sewer deviates left



Finish node type, manhole, reference MH18

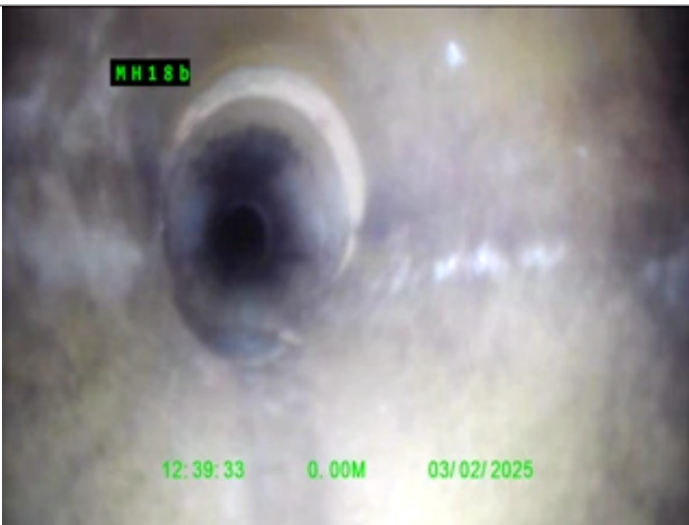
Position	Code	Description	Photo	Type/Grade
0.00	WL	Water level 0% height/diameter	11587329	Null / 0
0.00	MH	Start node type, Manhole, reference MH18b	11587330	Null / 0
3.07	LR	Line of drain/sewer deviates right	11587340	Comment / 0
7.87	CNC	Connection other than junction, closed, at 9 o'clock, diameter 100mm	11587349	Comment / 0
8.27	CN	Connection other than junction at 9 o'clock, diameter 100mm	11587355	Comment / 0
8.37	LR	Line of drain/sewer deviates right	11587361	Comment / 0
11.25	LU	Line of drain/sewer deviates up	11587369	Comment / 0
11.25	SA	Survey abandoned - Remark: BLDG	11587371	Comment / 0

Job Number
UM24-2974-DAR Hinckley Day Case

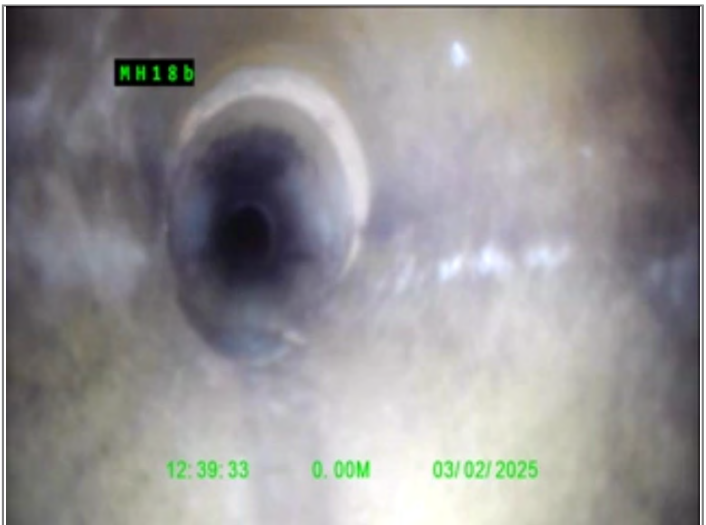
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

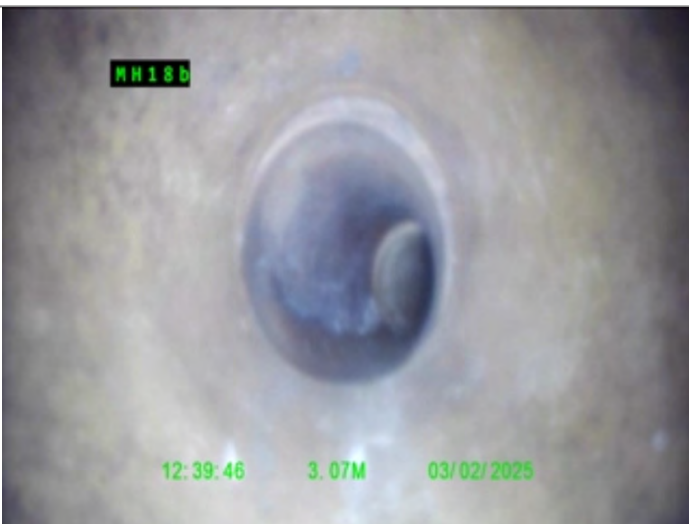
Date
12/02/2025



Water level 0% height/diameter



Start node type, Manhole, reference MH18b



Line of drain/sewer deviates right



Connection other than junction, closed, at 9 o'clock, diameter 100mm



Connection other than junction at 9 o'clock, diameter 100mm



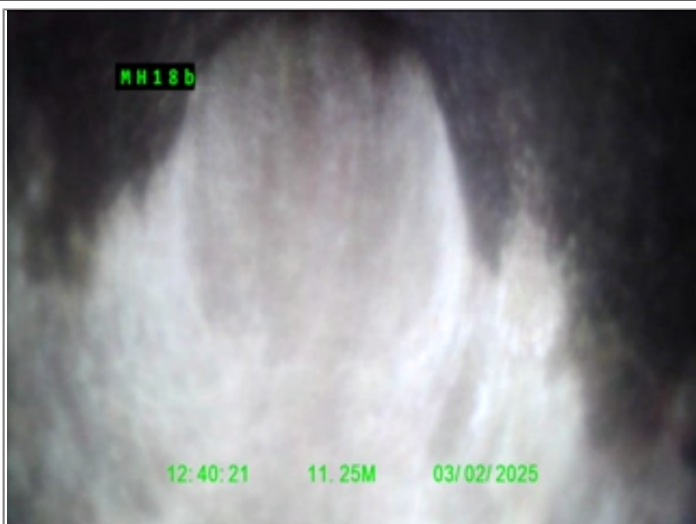
Line of drain/sewer deviates right

Job Number
UM24-2974-DAR Hinckley Day Case

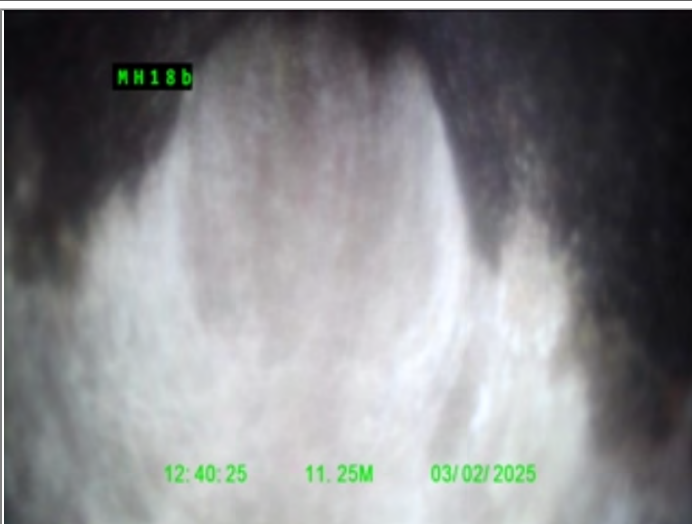
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025

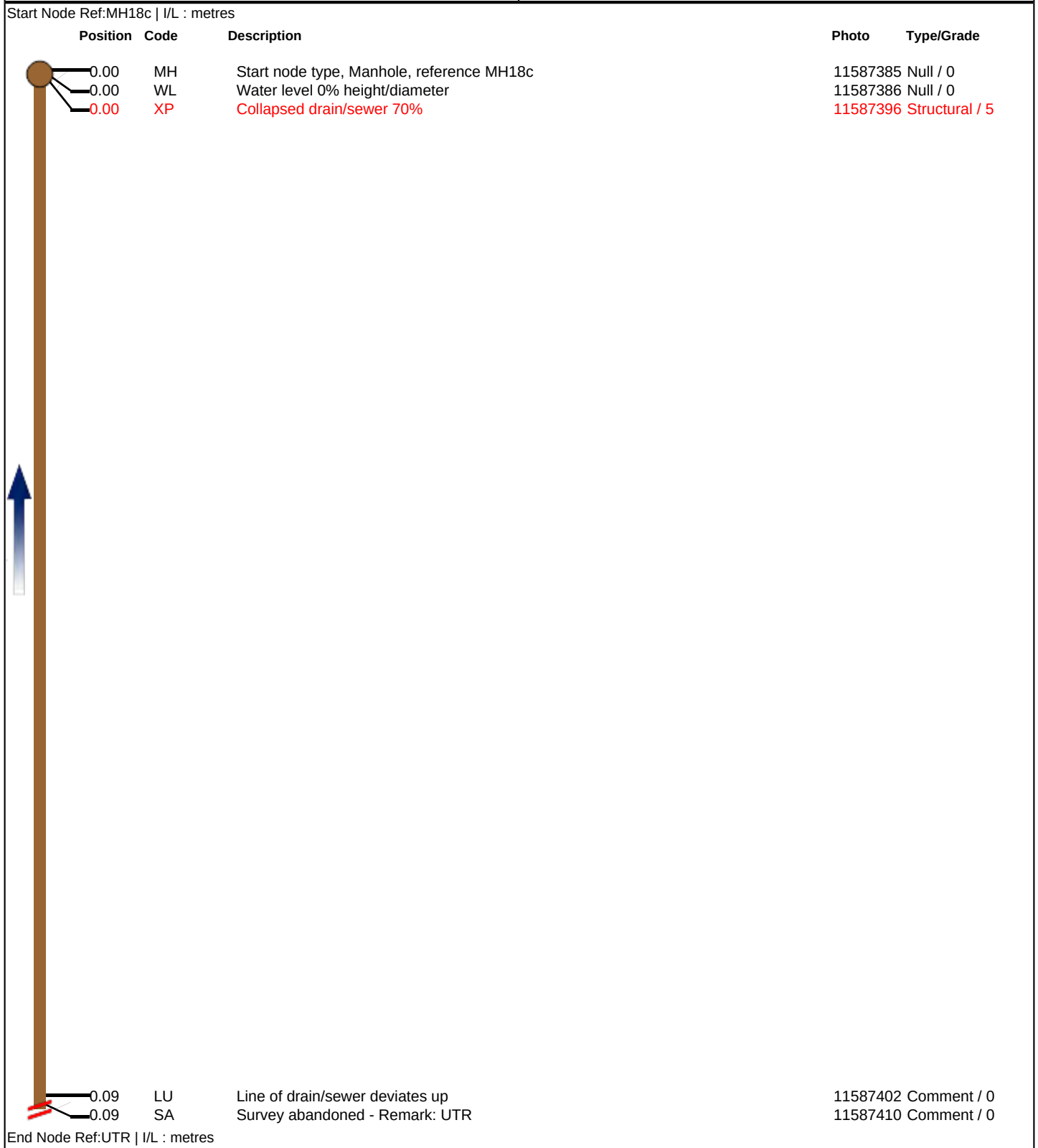


Line of drain/sewer deviates up



Survey abandoned - Remark: BLDG

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) UTR X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/5	Base Unit 5R2J4WFIOA	Section Number 49
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node MH18c End Node UTR Total length 0.09 metres	
Scale 1:0.00 Direction Upstream		View via iTouch Live Download		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



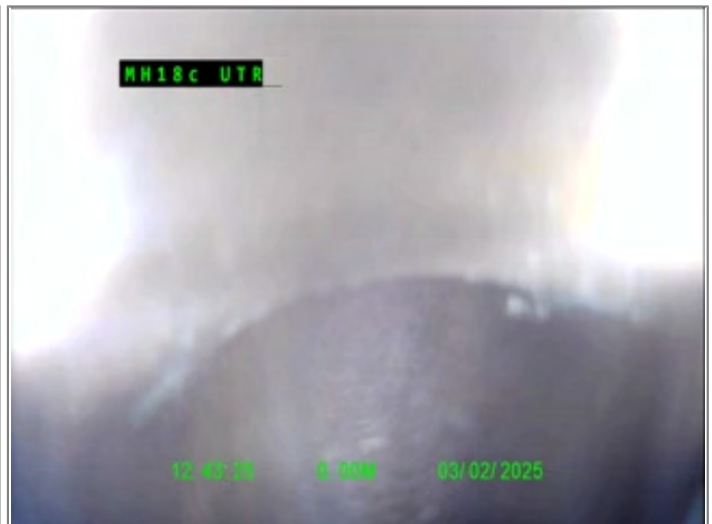
Start node type, Manhole, reference MH18c



Water level 0% height/diameter



Collapsed drain/sewer 70%

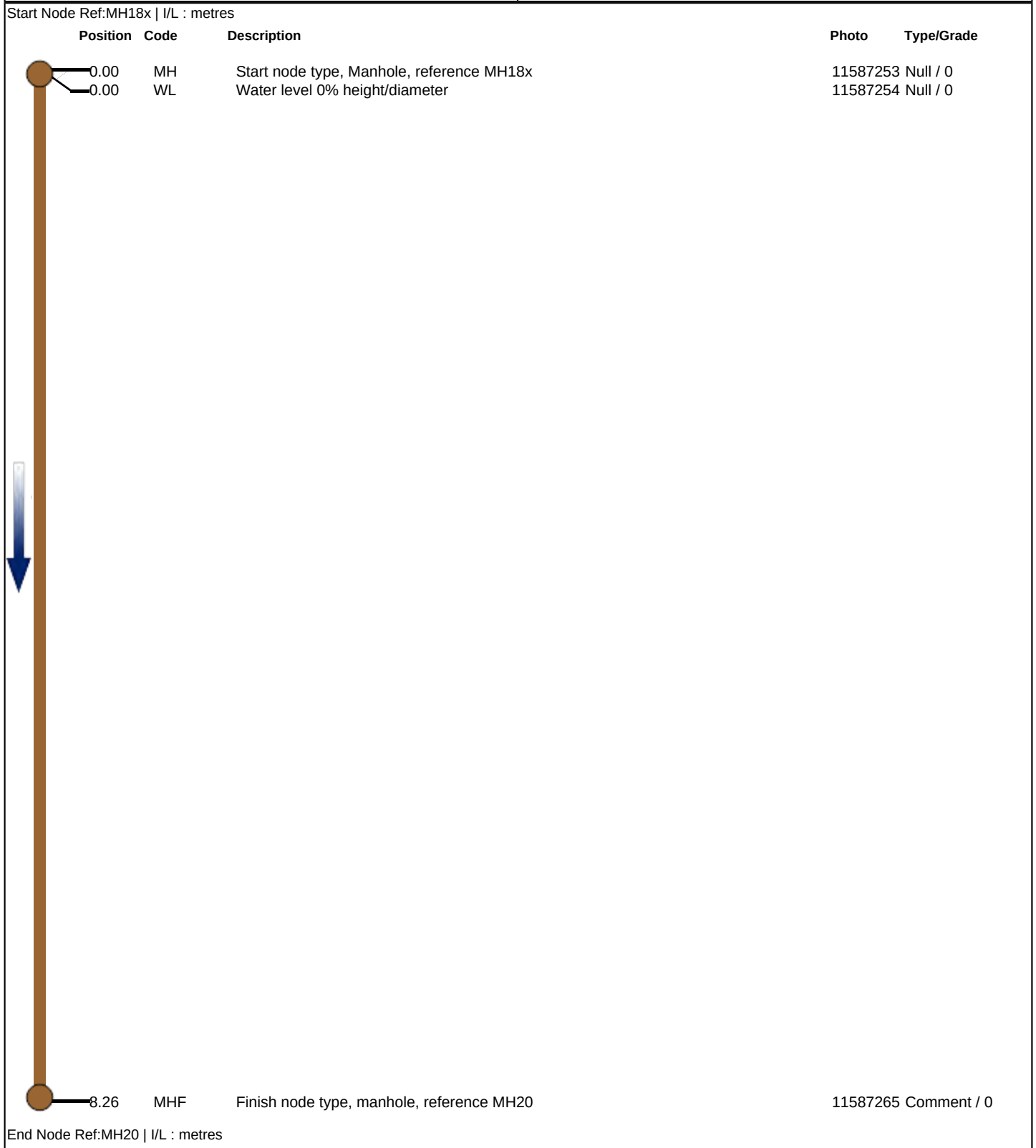


Line of drain/sewer deviates up



Survey abandoned - Remark: UTR

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH18x X	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 50
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH18x End Node MH20 Total length 8.26 metres	
Scale 1:0.43 Direction Downstream		View via iTouch Live Download		



Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH18x



Water level 0% height/diameter



Finish node type, manhole, reference MH20

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) OSA	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 5R2J4WFIOA	Section Number 51
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Polyvinyl chloride Category		Start Node MH19b End Node OSA Total length 10.52 metres	
Scale 1:0.55 Direction Upstream		View via iTouch Live Download		

Start Node Ref:MH19b | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH19b	11585465	Null / 0
0.00	WL	Water level 0% height/diameter	11585466	Null / 0
1.24	CN	Connection other than junction at 2 o'clock, diameter 100mm	11585468	Comment / 0
7.84	CN	Connection other than junction at 2 o'clock, diameter 100mm	11585474	Comment / 0
10.42	SA	Survey abandoned - Remark: EOT OSA	11585547	Comment / 0
10.52	DEC	Settled deposits hard or compacted 20% cross-sectional area loss	11585542	Service / 3

End Node Ref:OSA | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH19b



Water level 0% height/diameter



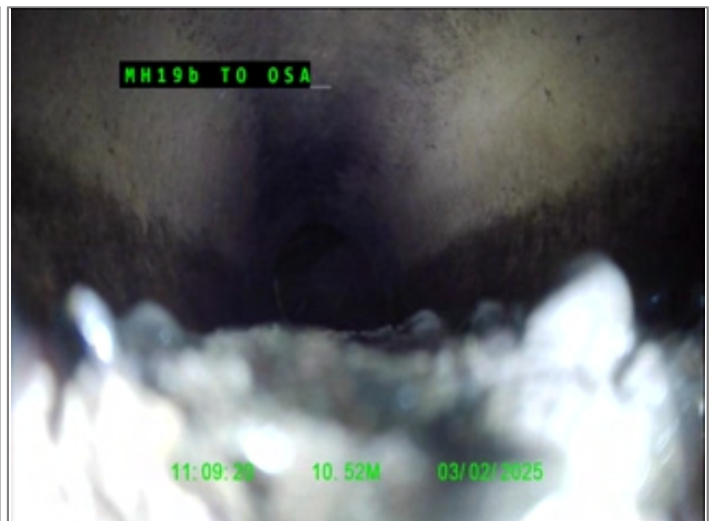
Connection other than junction at 2 o'clock, diameter 100mm



Connection other than junction at 2 o'clock, diameter 100mm



Survey abandoned - Remark: EOT OSA



Settled deposits hard or compacted 20% cross-sectional area loss

Surveyed by (Operator) Liam Radburn	Job Number UM24-2974-DAR Hinckley Day Case	Pipe Length Reference(PLR) MH20x	Date 03/02/2025	Pre Cleaned Not Cleaned
Weather	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 5R2J4WFIOA	Section Number 52
Road Hinckley Day Case , Place Mount Road , Location Hinckley ,		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 150mm Material Vitrified clay Category		Start Node MH20x End Node OSA Main Run Total length 20.88 metres	
Scale 1:1.10 Direction Downstream		View via iTouch Live  Download 		

Start Node Ref:MH20x | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH20x	11587273	Null / 0
0.00	WL	Water level 5% height/diameter	11587274	Null / 0
3.48	CN	Connection other than junction at 10 o'clock, diameter 100mm	11587285	Comment / 0
20.88	BRF	Finish node type, major connection without manhole, reference OSA Main Run	11587315	Comment / 0

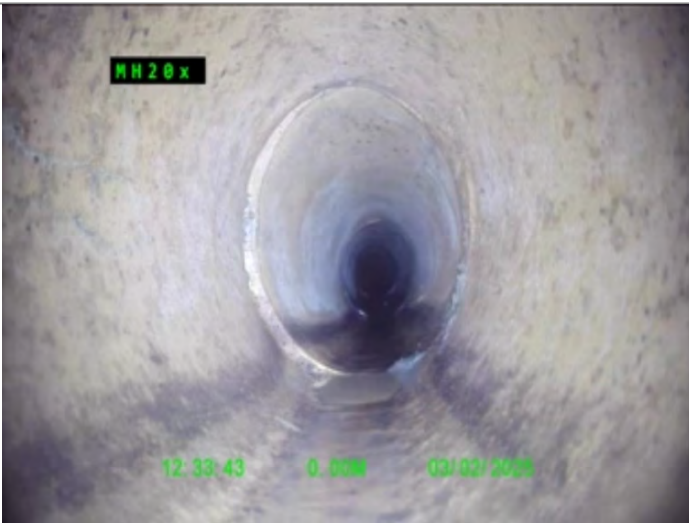
End Node Ref:OSA Main Run | I/L : metres

Job Number
UM24-2974-DAR Hinckley Day Case

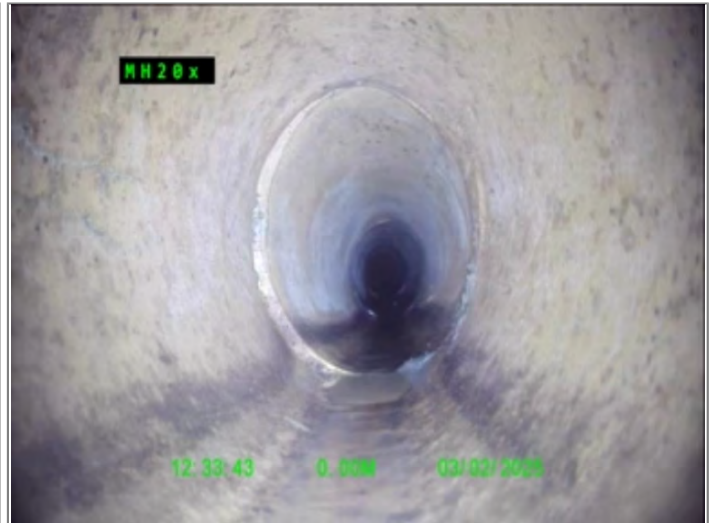
Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025



Start node type, Manhole, reference MH20x



Water level 5% height/diameter



Connection other than junction at 10 o'clock, diameter 100mm



Finish node type, major connection without manhole, reference OSA Main Run

Structural Defects (SRM 4)

Job Number UM24-2974-DAR Hinckley Day Case				Surveyed by (Operator) Liam Radburn			Base Unit 5R2J4WFIOA			Date 12/02/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	GY18x X	D	S	Circular/100	03/02/2025	Vitrified clay	6.53 metres	6.53		80	4	12.25	80
2	UTR	U	F	Circular/100	30/01/2025	Vitrified clay	metres	0		0	1	0	0
3	EOT X	U	F	Circular/100	30/01/2025	Vitrified clay	3.64 metres	3.64		40	3	10.99	40
4	EOT	U	F	Circular/150	30/01/2025	Vitrified clay	2.01 metres	2.01		0	1	0	0
5	EOT	U	F	Circular/150	30/01/2025	Vitrified clay	1.05 metres	1.05		0	1	0	0
6	GY01 X	U	S	Circular/150	30/01/2025	Vitrified clay	6.62 metres	6.62		0	1	0	0
7	MH01	U	F	Circular/150	30/01/2025	Vitrified clay	5.56 metres	5.56		0	1	0	0
8	UTR X	U	S	Circular/100	30/01/2025	Vitrified clay	metres	0		0	1	0	0
9	MH02x X	D	C	Circular/150	30/01/2025	Vitrified clay	16.61 metres	16.61		0	1	0	0
10	MH03x X	D	C	Circular/150	30/01/2025	Vitrified clay	13.30 metres	13.3		0	1	0	0
11	MH OSA X	U	F	Circular/100	30/01/2025	Polyvinyl chloride	11.51 metres	11.51		0	1	0	0
12	DP X	U	F	Circular/100	30/01/2025	Vitrified clay	8.75 metres	8.75		0	1	0	0
13	MH05 X	U	C	Circular/100	30/01/2025	Vitrified clay	8.75 metres	8.75		0	1	0	0
14	MH04x X	D	C	Circular/150	30/01/2025	Vitrified clay	12.47 metres	12.47		0	1	0	0
15	RWP X	U	S	Circular/100	30/01/2025	Vitrified clay	0.76 metres	0.76		0	1	0	0
16	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	2.68 metres	2.68		0	1	0	0
17	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	2.3 metres	2.3		0	1	0	0
18	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	4.99 metres	4.99		0	1	0	0
19	EOT X	U	F	Circular/100	03/02/2025	Vitrified clay	1.44 metres	1.44		0	1	0	0
20	UTR X	U	F	Circular/100	03/02/2025	Vitrified clay	metres	0		0	1	0	0
21	MH05x X	D	C	Circular/100	03/02/2025	Vitrified clay	8.45 metres	8.45		0	1	0	0
22	GY11 X	U	S	Circular/100	03/02/2025	Polyvinyl chloride	1.53 metres	1.53		0	1	0	0
23	UTR X	U	F	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		0	1	0	0
24	MH07 X	U	F	Circular/100	03/02/2025	Vitrified clay	19.51 metres	19.51		0	1	0	0
25	RWP X	U	S	Circular/100	03/02/2025	Vitrified clay	2.4 metres	2.4		10	2	4.17	10
26	MH06x X	D	C	Circular/150	03/02/2025	Vitrified clay	26.78 metres	26.78		10	2	1.12	30
27	VP X	U	F	Circular/100	03/02/2025	Polyvinyl chloride	1.63 metres	1.63		0	1	0	0
28	GY15 X	U	F	Circular/100	03/02/2025	Vitrified clay	2.11 metres	2.11		0	1	0	0
29	EOT X	U	F	Circular/100	03/02/2025	Vitrified clay	12.93 metres	12.93		0	1	0	0

Structural Defects (SRM 4)

Job Number UM24-2974-DAR Hinckley Day Case				Surveyed by (Operator) Liam Radburn			Base Unit 5R2J4WFIOA			Date 12/02/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
30	MH08x X	D	F	Circular/100	03/02/2025	Polyvinyl chloride	1.82 metres	1.82		0	1	0	0
31	EOT OSA X	U	S	Circular/100	03/02/2025	Vitrified clay	0.48 metres	0.48		0	1	0	0
32	UTR	U	S	Circular/100	03/02/2025	Vitrified clay	metres	0		0	1	0	0
33	MH09x X	D	S	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		0	1	0	0
34	MH19 X	U	S	Circular/150	03/02/2025	Vitrified clay	10.47 metres	10.47		0	1	0	0
35	EOT X	U	S	Circular/100	03/02/2025	Vitrified clay	0.28 metres	0.28		0	1	0	0
36	UTR X	U	S	Circular/100	03/02/2025	Vitrified clay	metres	0		80	4	80.00	80
37	MH12x X	D	S	Circular/150	03/02/2025	Vitrified clay	2.2 metres	2.2		0	1	0	0
38	MH11 X	U	S	Circular/150	03/02/2025	Vitrified clay	2.11 metres	2.11		0	1	0	0
39	MH13x X	D	S	Circular/150	03/02/2025	Vitrified clay	5.85 metres	5.85		2	1	0.34	2
40	GY19 X	U	S	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		0	1	0	0
41	MH14x X	D	S	Circular/150	03/02/2025	Vitrified clay	4.99 metres	4.99		10	2	2.00	10
42	GY20 X	U	F	Circular/100	03/02/2025	Vitrified clay	1.44 metres	1.44		0	1	0	0
43	MH15x X	D	C	Circular/150	03/02/2025	Vitrified clay	11.27 metres	11.27		0	1	0	0
44	DP X	U	F	Circular/100	03/02/2025	Vitrified clay	2.01 metres	2.01		0	1	0	0
45	MH16x X	D	F	Circular/100	03/02/2025	Vitrified clay	4.12 metres	4.12		40	3	19.42	80
46	BLDG MH	U	F	Circular/100	03/02/2025	Vitrified clay	9.11 metres	9.11		0	1	0	0
47	MH17x	D	C	Circular/150	03/02/2025	Vitrified clay	3.26 metres	3.26		0	1	0	0
48	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	11.25 metres	11.25		0	1	0	0
49	UTR X	U	S	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		165	5	1,833.33	165
50	MH18x X	D	C	Circular/150	03/02/2025	Vitrified clay	8.26 metres	8.26		0	1	0	0
51	OSA	U	S	Circular/150	03/02/2025	Polyvinyl chloride	10.52 metres	10.52		0	1	0	0
52	MH20x	D	C	Circular/150	03/02/2025	Vitrified clay	20.88 metres	20.88		0	1	0	0

Job Number UM24-2974-DAR Hinckley Day Case				Surveyed by (Operator) Liam Radburn			Base Unit 5R2J4WFIOA			Date 12/02/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	GY18x X	D	S	Circular/100	03/02/2025	Vitrified clay	6.53 metres	6.53		2	3	0.31	2
2	UTR	U	F	Circular/100	30/01/2025	Vitrified clay	metres	0		0	1	0	0
3	EOT X	U	F	Circular/100	30/01/2025	Vitrified clay	3.64 metres	3.64		0	1	0	0
4	EOT	U	F	Circular/150	30/01/2025	Vitrified clay	2.01 metres	2.01		2	3	1.00	2
5	EOT	U	F	Circular/150	30/01/2025	Vitrified clay	1.05 metres	1.05		2	3	1.90	2
6	GY01 X	U	S	Circular/150	30/01/2025	Vitrified clay	6.62 metres	6.62		1	2	0.30	2
7	MH01	U	F	Circular/150	30/01/2025	Vitrified clay	5.56 metres	5.56		2	3	0.36	2
8	UTR X	U	S	Circular/100	30/01/2025	Vitrified clay	metres	0		0	1	0	0
9	MH02x X	D	C	Circular/150	30/01/2025	Vitrified clay	16.61 metres	16.61		0	1	0	0
10	MH03x X	D	C	Circular/150	30/01/2025	Vitrified clay	13.30 metres	13.3		2	3	0.15	2
11	MH OSA X	U	F	Circular/100	30/01/2025	Polyvinyl chloride	11.51 metres	11.51		0	1	0	0
12	DP X	U	F	Circular/100	30/01/2025	Vitrified clay	8.75 metres	8.75		0	1	0	0
13	MH05 X	U	C	Circular/100	30/01/2025	Vitrified clay	8.75 metres	8.75		0	1	0	0
14	MH04x X	D	C	Circular/150	30/01/2025	Vitrified clay	12.47 metres	12.47		2	3	0.16	2
15	RWP X	U	S	Circular/100	30/01/2025	Vitrified clay	0.76 metres	0.76		0	1	0	0
16	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	2.68 metres	2.68		1	2	0.75	2
17	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	2.3 metres	2.3		5	4	3.04	7
18	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	4.99 metres	4.99		0	1	0	0
19	EOT X	U	F	Circular/100	03/02/2025	Vitrified clay	1.44 metres	1.44		5	4	6.94	10
20	UTR X	U	F	Circular/100	03/02/2025	Vitrified clay	metres	0		2	3	2.00	2
21	MH05x X	D	C	Circular/100	03/02/2025	Vitrified clay	8.45 metres	8.45		0	1	0	0
22	GY11 X	U	S	Circular/100	03/02/2025	Polyvinyl chloride	1.53 metres	1.53		0	1	0	0
23	UTR X	U	F	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		5	4	55.56	5
24	MH07 X	U	F	Circular/100	03/02/2025	Vitrified clay	19.51 metres	19.51		0	1	0	0
25	RWP X	U	S	Circular/100	03/02/2025	Vitrified clay	2.4 metres	2.4		1	2	0.83	2
26	MH06x X	D	C	Circular/150	03/02/2025	Vitrified clay	26.78 metres	26.78		1	2	0.04	1
27	VP X	U	F	Circular/100	03/02/2025	Polyvinyl chloride	1.63 metres	1.63		1	2	0.61	1
28	GY15 X	U	F	Circular/100	03/02/2025	Vitrified clay	2.11 metres	2.11		0	1	0	0
29	EOT X	U	F	Circular/100	03/02/2025	Vitrified clay	12.93 metres	12.93		0	1	0	0

Service Defects (SRM 4)

Job Number UM24-2974-DAR Hinckley Day Case				Surveyed by (Operator) Liam Radburn			Base Unit 5R2J4WFIOA			Date 12/02/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
30	MH08x X	D	F	Circular/100	03/02/2025	Polyvinyl chloride	1.82 metres	1.82		0	1	0	0
31	EOT OSA X	U	S	Circular/100	03/02/2025	Vitrified clay	0.48 metres	0.48		5	4	10.42	5
32	UTR	U	S	Circular/100	03/02/2025	Vitrified clay	metres	0		0	1	0	0
33	MH09x X	D	S	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		0	1	0	0
34	MH19 X	U	S	Circular/150	03/02/2025	Vitrified clay	10.47 metres	10.47		0	1	0	0
35	EOT X	U	S	Circular/100	03/02/2025	Vitrified clay	0.28 metres	0.28		10	5	35.71	10
36	UTR X	U	S	Circular/100	03/02/2025	Vitrified clay	metres	0		2	3	2.00	2
37	MH12x X	D	S	Circular/150	03/02/2025	Vitrified clay	2.2 metres	2.2		1	2	0.45	1
38	MH11 X	U	S	Circular/150	03/02/2025	Vitrified clay	2.11 metres	2.11		0	1	0	0
39	MH13x X	D	S	Circular/150	03/02/2025	Vitrified clay	5.85 metres	5.85		0	1	0	0
40	GY19 X	U	S	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		2	3	22.22	2
41	MH14x X	D	S	Circular/150	03/02/2025	Vitrified clay	4.99 metres	4.99		0	1	0	0
42	GY20 X	U	F	Circular/100	03/02/2025	Vitrified clay	1.44 metres	1.44		0	1	0	0
43	MH15x X	D	C	Circular/150	03/02/2025	Vitrified clay	11.27 metres	11.27		2	3	0.18	2
44	DP X	U	F	Circular/100	03/02/2025	Vitrified clay	2.01 metres	2.01		2	3	1.00	2
45	MH16x X	D	F	Circular/100	03/02/2025	Vitrified clay	4.12 metres	4.12		0	1	0	0
46	BLDG MH	U	F	Circular/100	03/02/2025	Vitrified clay	9.11 metres	9.11		5	4	0.55	5
47	MH17x	D	C	Circular/150	03/02/2025	Vitrified clay	3.26 metres	3.26		0	1	0	0
48	BLDG X	U	F	Circular/100	03/02/2025	Vitrified clay	11.25 metres	11.25		0	1	0	0
49	UTR X	U	S	Circular/100	03/02/2025	Vitrified clay	0.09 metres	0.09		0	1	0	0
50	MH18x X	D	C	Circular/150	03/02/2025	Vitrified clay	8.26 metres	8.26		0	1	0	0
51	OSA	U	S	Circular/150	03/02/2025	Polyvinyl chloride	10.52 metres	10.52		2	3	0.19	2
52	MH20x	D	C	Circular/150	03/02/2025	Vitrified clay	20.88 metres	20.88		0	1	0	0

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
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STRUCTURAL DEFECTS

Grade 3; Best practice suggests consideration to be given to repair in the medium term.

Grade 4; Best practice suggests consideration to be given to repair to avoid potential collapse.

Grade 5; Best practice suggests this pipe is at risk of collapse at any time; urgent consideration should be given to repair to avoid collapse.

Structural Defects			
Section	Start Ref	Grade	Fault Description
1	GY18x	4	Joint displaced 20mm
3	MH01b	3	Joint displaced 10mm
36	MH12b	4	Joint displaced 20mm
45	MH16x	3	Joint displaced 10mm
			Joint displaced 10mm
49	MH18c	5	Collapsed drain/sewer 70%

SERVICE / OPERATIONAL DEFECTS

Grade 3; Best practice suggests consideration to be given to maintenance activities in the medium term.

Grade 4; Best practice suggests consideration to be given to maintenance to avoid potential blockage.

Grade 5; Best practice suggests this pipe is at risk of backing up / causing flooding.

Service Defects			
Section	Start Ref	Grade	Fault Description
1	GY18x	3	Settled deposits hard or compacted 10% cross-sectional area loss
4	MH01c	3	Settled deposits fine 20% cross-sectional area loss
5	MH01d	3	Settled deposits hard or compacted 20% cross-sectional area loss
7	MH02b	3	Settled deposits hard or compacted 10% cross-sectional area loss
10	MH03x	3	Settled deposits fine 10% cross-sectional area loss
14	MH04x	3	Settled deposits hard or compacted 10% cross-sectional area loss
17	MH05c	4	Settled deposits hard or compacted 50% cross-sectional area loss
19	MH05e	4	Settled deposits hard or compacted 40% cross-sectional area loss, Start
			Settled deposits hard or compacted 40% cross-sectional area loss, Finished
20	MH05f	3	Settled deposits hard or compacted 20% cross-sectional area loss
23	MH06b	4	Settled deposits hard or compacted 30% cross-sectional area loss
31	MH09a	4	Settled deposits fine 30% cross-sectional area loss
35	MH12a	5	Settled deposits hard or compacted 100% cross-sectional area loss
36	MH12b	3	Settled deposits coarse 10% cross-sectional area loss
40	MH14a	3	Settled deposits coarse 20% cross-sectional area loss
43	MH15x	3	Settled deposits fine 10% cross-sectional area loss
44	MH16a	3	Settled deposits coarse 10% cross-sectional area loss
46	MH17b	4	Settled deposits fine 30% cross-sectional area loss
51	MH19b	3	Settled deposits hard or compacted 20% cross-sectional area loss

Job Number UM24-2974-DAR Hinckley Day Case	Surveyed by (Operator) Liam Radburn	Base Unit 5R2J4WFIOA	Date 12/02/2025
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ABANDONED SURVEYS

Camera no access		
Section	Start Ref	Fault Description
2	MH01a	Survey abandoned - Remark: UTR
3	MH01b	Survey abandoned - Remark: EOT
4	MH01c	Survey abandoned - Remark: EOT
5	MH01d	Survey abandoned - Remark: EOT
8	MH02c	Survey abandoned - Remark: UTR
12	MH04c	Survey abandoned - Remark: DP
15	MH05a	Survey abandoned - Remark: RWP
16	MH05b	Survey abandoned - Remark: BLDG
17	MH05c	Survey abandoned - Remark: BLDG
18	MH05d	Survey abandoned - Remark: BLDG
19	MH05e	Survey abandoned - Remark: EOT
20	MH05f	Survey abandoned - Remark: UTR
23	MH06b	Survey abandoned - Remark: UTR
25	MH06e	Survey abandoned - Remark: RWP
27	MH08a	Survey abandoned - Remark: VP
29	MH08c	Survey abandoned - Remark: EOT
31	MH09a	Survey abandoned - Remark: OSA UTR
32	MH09b	Survey abandoned - Remark: UTR
35	MH12a	Survey abandoned - Remark: EOT
36	MH12b	Survey abandoned - Remark: UTR
44	MH16a	Survey abandoned - Remark: DP
48	MH18b	Survey abandoned - Remark: BLDG
49	MH18c	Survey abandoned - Remark: UTR
51	MH19b	Survey abandoned - Remark: EOT OSA

INFORMATION

These summaries are based on the SRM grading from the WRC

Job Number
UM24-2974-DAR Hinckley Day Case

Surveyed by (Operator)
Liam Radburn

Base Unit
5R2J4WFIOA

Date
12/02/2025

1: Occurences without damage. For example, laterals, joints,etc.

NO DEFECTS WERE DETECTED.

2: Constructional deficiencies or occurences with insignificant influence to tightness, hydraulic or static pressure or pipe: Eg. wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc.

REHABILITATION CAN BE SCHEDULED LONG-TERM.

3: Constructional deficiencies diminishing static, hydraulic and tightness: Eg. untorched intakes, cracks, minor drainage obstructions such as calcite build ups, protruding laterals, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc.

REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.

4: Constructional damages with insufficient static safety, hydraulic or tightness: Eg. axial/radial pipe bursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities, in pipe-wall, severe protruding, laterals severe root penetrations, severe corrosion of pipe wall etc.

REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS.
NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.

5: Pipe is already or will shortly be impermeable: Eg. collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc.

REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE,
NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.