



B. Drainage Survey Details

Project

Project Name: B5254 Lostock Hall 2021_12_06
Project Description: WinCan Import in Miraculix WRc4 Standard
Project Date: 07/12/2021
Inspection Standard: MSCC4 Sewers & Drainage GB (SRM4 Scoring)



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B5254 Lostock Hall 2021_12_06		07/12/2021

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Project Information

Project Name	Project Number	Project Date
B5254 Lostock Hall 2021_12_06		07/12/2021

Client

Company: Waterman Group
Description: Engineering Consultant
Contact: Paul Bainbridge
Department: Senior Engineer
Street: South Central, 11 Peter Street
Town or City: Manchester
County: Greater Manchester
Post Code: M2 5QR
Phone: 0161 839 8392
Mobile: 07411 669 249
Email: Paul.bainbridge@watermangroup.com



Site

Company: Waterman Group
Contact: Paul Bainbridge
Department: Senior Engineer
Street: B5254
Town or City: Lostock Hall
County: Lancashire
Post Code: PR5 6BA
Phone: 0161 839 8392
Email: Paul.bainbridge@watermangroup.com



Contractor

Company: Team Drainage UK
Description: Drainage
Contact: Stuart Jones
Department: Operations & Sales Director
Street: Peel Road
Town or City: Skelmersdale
County: Lancashire
Post Code: WN8 9PT
Phone: 01695 768 714
Mobile: 07815719235
Email: Stuart.jones@teamdrainageuk.com

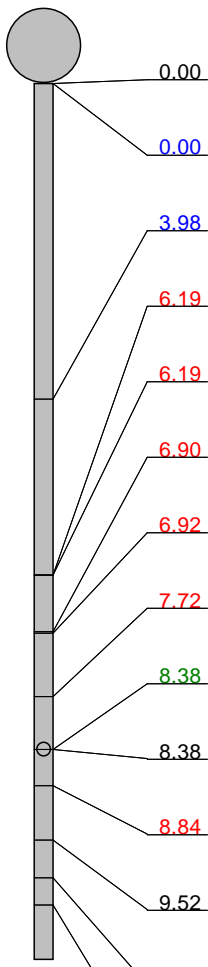


Section Inspection - 07/12/2021 - CP100X

Item No. 1	Insp. No. 1	Date 07/12/21	Time 9:14	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR CP100X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

Town or Village: Road: Location: Surface Type:	Lostock Hall Stoney Lane Road	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 11.70 m 11.70 m	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	CP100 1.060 m MH103
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:
Recommendations:

Scale:	1:95	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																				
<div style="display: flex; align-items: flex-start;"> <div style="width: 20%; text-align: right; padding-right: 10px;"> Depth: m MH103  </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td>MH</td> <td>Start node type, manhole, reference number: MH103</td> <td>00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">3.98</td> <td>WL</td> <td>Water level, 40% of the vertical dimension</td> <td>00:00:29</td> <td>CP100X_2 fba9b8d-e e7a-4bca-</td> <td></td> </tr> <tr> <td style="text-align: right;">6.19</td> <td>CL</td> <td>Crack, longitudinal, in roof slab at 1 o'clock</td> <td>00:01:00</td> <td>CP100X_8 1ea9923-0 b11-4158-</td> <td>2</td> </tr> <tr> <td style="text-align: right;">6.19</td> <td>CLJ</td> <td>Crack, longitudinal at joint at 12 o'clock</td> <td>00:01:02</td> <td></td> <td>2</td> </tr> <tr> <td style="text-align: right;">6.90</td> <td>FL</td> <td>Fracture, longitudinal at 4 o'clock</td> <td>00:01:18</td> <td>CP100X_a 968e610-5 10b-4e61-</td> <td>3</td> </tr> <tr> <td style="text-align: right;">6.92</td> <td>CLJ</td> <td>Crack, longitudinal at joint at 11 o'clock</td> <td>00:01:14</td> <td>CP100X_d 7148160-d f8a-465f-b</td> <td>2</td> </tr> <tr> <td style="text-align: right;">7.72</td> <td>FMJ</td> <td>Fracture, multiple at joint from 12 o'clock to 12 o'clock</td> <td>00:01:44</td> <td>CP100X_f 25e2b2b-5 fe8-4ce4-9</td> <td>4</td> </tr> <tr> <td style="text-align: right;">8.38</td> <td>RTJ</td> <td>Roots, tap at joint</td> <td>00:02:12</td> <td>CP100X_7 0b78f9b-2 b52-403e-</td> <td>4</td> </tr> <tr> <td style="text-align: right;">8.38</td> <td>CXD</td> <td>Connection defective, connecting pipe is damaged at 12 o'clock, diameter: 150mm: Blocked and no sign of gullies within this area.</td> <td>00:02:17</td> <td>CP100X_c 7afb641-0 9c1-4864-</td> <td></td> </tr> <tr> <td style="text-align: right;">8.84</td> <td>CLJ</td> <td>Crack, longitudinal at joint at 11 o'clock</td> <td>00:02:35</td> <td>CP100X_1 e224d9e-4 05b-47da-</td> <td>2</td> </tr> <tr> <td style="text-align: right;">9.52</td> <td>HJ</td> <td>Hole in drain or sewer at a joint from 12 o'clock to 5 o'clock</td> <td>00:02:51</td> <td>CP100X_d f3e1c8c-c9 c4-48ad-8</td> <td>5</td> </tr> <tr> <td style="text-align: right;">10.00</td> <td>SV</td> <td>Soil visible beyond defect</td> <td>00:03:22</td> <td>CP100X_9 2486448-f 017-468f-8</td> <td></td> </tr> <tr> <td style="text-align: right;">10.34</td> <td>JDM</td> <td>Joint displaced, medium</td> <td>00:03:38</td> <td>CP100X_0 b6959cb-b f47-4b35-b</td> <td>1</td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH103	00:00:02			0.00	WL	Water level, 20% of the vertical dimension	00:00:03			3.98	WL	Water level, 40% of the vertical dimension	00:00:29	CP100X_2 fba9b8d-e e7a-4bca-		6.19	CL	Crack, longitudinal, in roof slab at 1 o'clock	00:01:00	CP100X_8 1ea9923-0 b11-4158-	2	6.19	CLJ	Crack, longitudinal at joint at 12 o'clock	00:01:02		2	6.90	FL	Fracture, longitudinal at 4 o'clock	00:01:18	CP100X_a 968e610-5 10b-4e61-	3	6.92	CLJ	Crack, longitudinal at joint at 11 o'clock	00:01:14	CP100X_d 7148160-d f8a-465f-b	2	7.72	FMJ	Fracture, multiple at joint from 12 o'clock to 12 o'clock	00:01:44	CP100X_f 25e2b2b-5 fe8-4ce4-9	4	8.38	RTJ	Roots, tap at joint	00:02:12	CP100X_7 0b78f9b-2 b52-403e-	4	8.38	CXD	Connection defective, connecting pipe is damaged at 12 o'clock, diameter: 150mm: Blocked and no sign of gullies within this area.	00:02:17	CP100X_c 7afb641-0 9c1-4864-		8.84	CLJ	Crack, longitudinal at joint at 11 o'clock	00:02:35	CP100X_1 e224d9e-4 05b-47da-	2	9.52	HJ	Hole in drain or sewer at a joint from 12 o'clock to 5 o'clock	00:02:51	CP100X_d f3e1c8c-c9 c4-48ad-8	5	10.00	SV	Soil visible beyond defect	00:03:22	CP100X_9 2486448-f 017-468f-8		10.34	JDM	Joint displaced, medium	00:03:38	CP100X_0 b6959cb-b f47-4b35-b	1
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Section Inspection - 07/12/2021 - CP100X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	07/12/21	9:14	B5254	Rain	Yes	CP100X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
E LUCAS		WF68 YSS		Mainline Crawler	Not Specified	Highways Drainage	Not Specified

Scale:	1:95	Position [m]	Code	Observation	MPEG	Photo	Grade
<p>CP100 Depth: 1.06 m</p>	11.70	REM	General remark: Connecting pipe you can see in the catchpit is coming from Ditch1.		00:04:00	CP100X_5 62dccc1-b 2f1-4f6c-9	
	11.70	CPF	Finish node type, catchpit, reference number: CP100		00:04:01	CP100X_0 6a60654-8 b85-4c90-	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
8	165.0	27.9	326.0	5.0	1	5.0	0.4	5.0	4.0

Section Pictures - 07/12/2021 - CP100X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	CP100X	B5254	B5254



CP100X_2fba9b8d-ee7a-4bca-b569-5b92df62eada_20211207_092310_652.jpg, 00:00:29, 3.98 m
 Water level, 40% of the vertical dimension



CP100X_81ea9923-0b11-4158-8616-5000123291da_20211207_092350_574.jpg, 00:01:00, 6.19 m
 Crack, longitudinal, in roof slab at 1 o'clock



CP100X_a968e610-510b-4e61-b553-cfb58d9e4c08_20220105_074449_126.jpg, 00:01:18, 6.90 m
 Fracture, longitudinal at 4 o'clock



CP100X_d7148160-df8a-465f-bacd-fba022c64dea_20211207_092413_981.jpg, 00:01:14, 6.92 m
 Crack, longitudinal at joint at 11 o'clock

Section Pictures - 07/12/2021 - CP100X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	CP100X	B5254	B5254



CP100X_f25e2b2b-5fe8-4ce4-9d80-9e239a8192aa_20211207_092453_375.jpg, 00:01:44, 7.72 m
Fracture, multiple at joint from 12 o'clock to 12 o'clock



CP100X_70b78f9b-2b52-403e-a9fe-9ac17ee53f7c_20211207_092525_523.jpg, 00:02:12, 8.38 m
Roots, tap at joint



CP100X_c7afb641-09c1-4864-8684-5ba0da8ebdb5_20211207_092602_744.jpg, 00:02:17, 8.38 m
Connection defective, connecting pipe is damaged at 12 o'clock, diameter: 150mm, Blocked and no sign of gullies within this area.



CP100X_1e224d9e-405b-47da-9010-a4eba253f7df_20211207_092624_848.jpg, 00:02:35, 8.84 m
Crack, longitudinal at joint at 11 o'clock

Section Pictures - 07/12/2021 - CP100X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	CP100X	B5254	B5254



CP100X_df3e1c8c-c9c4-48ad-8804-7f15afaf9e4d_20211207_092650_656.jpg, 00:02:51, 9.52 m
 Hole in drain or sewer at a joint from 12 o'clock to 5 o'clock



CP100X_92486448-f017-468f-89e5-167630283eec_20211207_092724_566.jpg, 00:03:22, 10.00 m
 Soil visible beyond defect



CP100X_0b6959cb-bf47-4b35-be67-4c037a8aafa6_20211207_092744_477.jpg, 00:03:38, 10.34 m
 Joint displaced, medium



CP100X_562dccc1-b2f1-4f6c-9112-ebdc9effc733_20211207_092834_668.jpg, 00:04:00, 11.70 m
 General remark, Connecting pipe you can see in the catchpit is coming from Ditch1.

Section Pictures - 07/12/2021 - CP100X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	CP100X	B5254	B5254



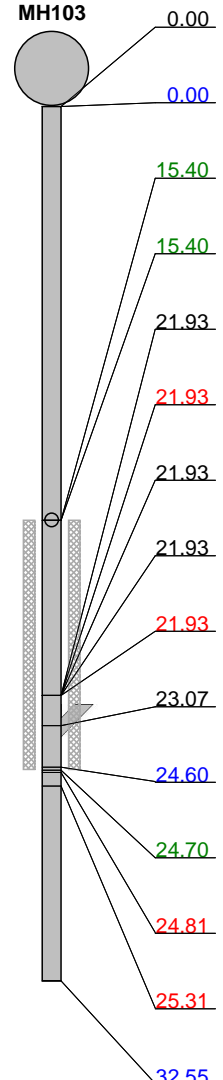
CP100X_06a60654-8b85-4c90-b692-e7a0a90d8e65_20211207_092809_494.jpg, 00:04:01, 11.70 m
 Finish node type, catchpit, reference number: CP100

Section Inspection - 07/12/2021 - MH103X

Item No. 2	Insp. No. 2	Date 07/12/21	Time 9:30	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR MH103X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

Town or Village: Road: Location: Surface Type:	Lostock Hall Stoney Lane Road	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 32.56 m 32.71 m	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH103 1.300 m MH104
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Concrete No Lining No Lining		

Comments:
Recommendations:

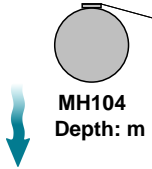
Scale:	1:281	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																																																																
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;">  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">Depth: 1.30 m</td> <td colspan="7"></td> </tr> <tr> <td>MH103</td> <td>0.00</td> <td>MH</td> <td>Start node type, manhole, reference number: MH103</td> <td>00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.00</td> <td>WL</td> <td>Water level, 10% of the vertical dimension</td> <td>00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>15.40</td> <td>CXI</td> <td>Connection defective, connecting pipe is intruding at 12 o'clock, diameter: 150mm, intrusion: 10%: GY2</td> <td>00:01:21</td> <td>MH103X_14f17149-adf5-4275-</td> <td></td> <td>3</td> </tr> <tr> <td></td> <td>15.40</td> <td>S01 LR</td> <td>Line deviates right, start</td> <td>00:01:28</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>21.93</td> <td>MVCV</td> <td>Material changes to vitrified clay</td> <td>00:02:08</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>21.93</td> <td>BJ</td> <td>Broken pipe at joint from 8 o'clock to 11 o'clock ,</td> <td>00:02:11</td> <td></td> <td></td> <td>4</td> </tr> <tr> <td></td> <td>21.93</td> <td>HJ</td> <td>Hole in drain or sewer at a joint from 9 o'clock to 11 o'clock</td> <td>00:02:12</td> <td>MH103X_3b172e0e-65d9-4f6a-</td> <td></td> <td>4</td> </tr> <tr> <td></td> <td>21.93</td> <td>SV</td> <td>Soil visible beyond defect</td> <td>00:02:14</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>21.93</td> <td>CCJ</td> <td>Crack, circumferential at joint from 2 o'clock to 5 o'clock</td> <td>00:02:15</td> <td>MH103X_13962f2c-f77b-473e-</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>23.07</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 150mm: GY1</td> <td>00:02:50</td> <td>MH103X_f8f7a3ba-4002-4e28-</td> <td></td> <td></td> </tr> <tr> <td></td> <td>24.60</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:03:41</td> <td>MH103X_1102dea0-fd91-44fb-</td> <td></td> <td></td> </tr> <tr> <td></td> <td>24.70</td> <td>F01 LR</td> <td>Line deviates right, finish</td> <td>00:03:34</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>24.81</td> <td>CLJ</td> <td>Crack, longitudinal at joint at 12 o'clock</td> <td>00:03:56</td> <td>MH103X_f7c38e15-932b-42d6-</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>25.31</td> <td>CLJ</td> <td>Crack, longitudinal at joint at 7 o'clock</td> <td>00:04:10</td> <td>MH103X_62b509ee-8da6-429a</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>32.55</td> <td>GP</td> <td>General photograph taken at this point: 2nd Incoming pipe you can see is coming from MH100X</td> <td>00:05:24</td> <td>MH103X_21f349de-3db2-48c6</td> <td></td> <td></td> </tr> </table> </div>								Depth: 1.30 m								MH103	0.00	MH	Start node type, manhole, reference number: MH103	00:00:01					0.00	WL	Water level, 10% of the vertical dimension	00:00:01					15.40	CXI	Connection defective, connecting pipe is intruding at 12 o'clock, diameter: 150mm, intrusion: 10%: GY2	00:01:21	MH103X_14f17149-adf5-4275-		3		15.40	S01 LR	Line deviates right, start	00:01:28					21.93	MVCV	Material changes to vitrified clay	00:02:08					21.93	BJ	Broken pipe at joint from 8 o'clock to 11 o'clock ,	00:02:11			4		21.93	HJ	Hole in drain or sewer at a joint from 9 o'clock to 11 o'clock	00:02:12	MH103X_3b172e0e-65d9-4f6a-		4		21.93	SV	Soil visible beyond defect	00:02:14					21.93	CCJ	Crack, circumferential at joint from 2 o'clock to 5 o'clock	00:02:15	MH103X_13962f2c-f77b-473e-		2		23.07	JN	Junction at 9 o'clock, diameter: 150mm: GY1	00:02:50	MH103X_f8f7a3ba-4002-4e28-				24.60	WL	Water level, 20% of the vertical dimension	00:03:41	MH103X_1102dea0-fd91-44fb-				24.70	F01 LR	Line deviates right, finish	00:03:34					24.81	CLJ	Crack, longitudinal at joint at 12 o'clock	00:03:56	MH103X_f7c38e15-932b-42d6-		2		25.31	CLJ	Crack, longitudinal at joint at 7 o'clock	00:04:10	MH103X_62b509ee-8da6-429a		2		32.55	GP	General photograph taken at this point: 2nd Incoming pipe you can see is coming from MH100X	00:05:24	MH103X_21f349de-3db2-48c6		
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	23.07	JN	Junction at 9 o'clock, diameter: 150mm: GY1	00:02:50	MH103X_f8f7a3ba-4002-4e28-																																																																																																																																		
	24.60	WL	Water level, 20% of the vertical dimension	00:03:41	MH103X_1102dea0-fd91-44fb-																																																																																																																																		
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Section Inspection - 07/12/2021 - MH103X

Item No. 2	Insp. No. 2	Date 07/12/21	Time 9:30	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR MH103X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

Scale:	Position [m]	Code	Observation	MPEG	Photo	Grade
1:281	32.56	CPF	Finish node type, catchpit, reference number: MH104: Buried	00:06:10	MH103X_ b5c347e8- b384-42f1-	



MH104
Depth: m

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
5	170.0	5.8	190.0	4.0	1	2.0	0.1	2.0	3.0

Section Pictures - 07/12/2021 - MH103X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH103X	B5254	B5254



MH103X_14f17149-adf5-4275-b571-e659c8eb35b5_20211207_093749_231.jpg, 00:01:21, 15.40 m
Connection defective, connecting pipe is intruding at 12 o'clock, diameter: 150mm, intrusion: 10%, GY2



MH103X_3b172e0e-65d9-4f6a-8d7d-240340eeaa79_20211207_093854_396.jpg, 00:02:12, 21.93 m
Hole in drain or sewer at a joint from 9 o'clock to 11 o'clock



MH103X_13962f2c-f77b-473e-9097-880c88d8c147_20211207_093905_164.jpg, 00:02:15, 21.93 m
Crack, circumferential at joint from 2 o'clock to 5 o'clock



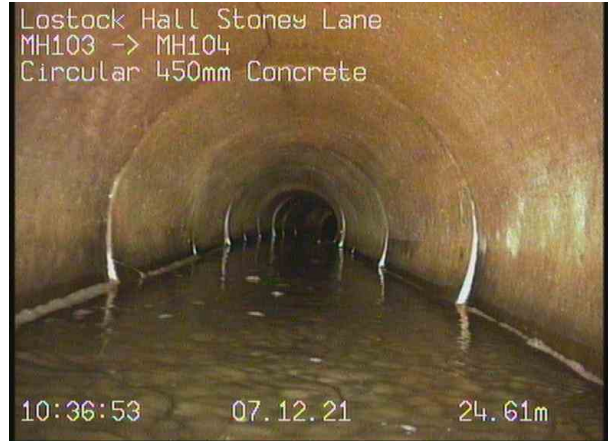
MH103X_f8f7a3ba-4002-4e28-afcf-20d8a8f41735_20211207_093946_650.jpg, 00:02:50, 23.07 m
Junction at 9 o'clock, diameter: 150mm, GY1

Section Pictures - 07/12/2021 - MH103X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH103X	B5254	B5254



MH103X_0716da10-5474-4107-83a4-ac1df9286f47_20211207_100925_459.jpg, 00:02:50, 23.07 m
 Junction at 9 o'clock, diameter: 150mm, GY1



MH103X_1102dea0-fd91-44fb-b17b-e988f8ac62bd_20211207_094040_761.jpg, 00:03:41, 24.60 m
 Water level, 20% of the vertical dimension



MH103X_f7c38e15-932b-42d6-95a7-6f00c36d977e_20211207_094059_279.jpg, 00:03:56, 24.81 m
 Crack, longitudinal at joint at 12 o'clock



MH103X_62b509ee-8da6-429a-a5f8-ef328ec179a6_20211207_094118_056.jpg, 00:04:10, 25.31 m
 Crack, longitudinal at joint at 7 o'clock

Section Pictures - 07/12/2021 - MH103X

Item No. 2	Inspection Direction Downstream	PLR MH103X	Client's Job Ref B5254	Contractor's Job Ref B5254
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MH103X_21f349de-3db2-48c6-b839-7195f9f8e13c_20211223_150922_926.jpg, 00:05:24, 32.55 m
 General photograph taken at this point, 2nd Incoming pipe you can see is coming from MH100X



MH103X_b5c347e8-b384-42f1-8679-d35a71203a3c_20211207_094324_901.jpg, 00:06:10, 32.56 m
 Finish node type, catchpit, reference number: MH104, Buried

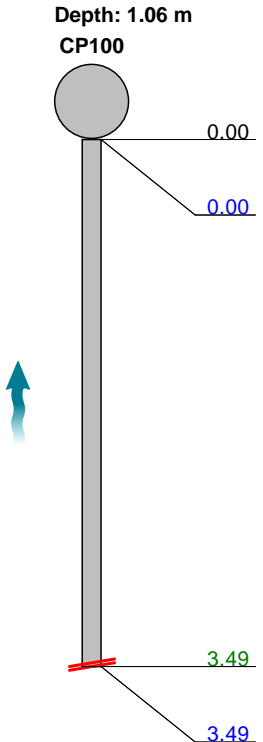
Section Inspection - 07/12/2021 - DITCH2X

Item No. 3	Insp. No. 3	Date 07/12/21	Time 10:28	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR DITCH2X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

Town or Village: Road: Location: Surface Type:	Lostock Hall Stoney Lane Road Road	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 3.49 m 3.49 m -	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH2 - CP100 1.060 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Concrete No Lining No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">Depth: 1.06 m</td> <td colspan="7"></td> </tr> <tr> <td>CP100</td> <td colspan="7"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="width: 5%;">CP</td> <td style="width: 40%;">Start node type, catchpit, reference number: CP001</td> <td style="width: 10%;">00:00:01</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td>WL</td> <td>Water level, 50% of the vertical dimension</td> <td>00:00:02</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: center;">3.49</td> <td>RM</td> <td>Roots, mass, 90% cross-sectional area loss: Before Root-Cutting/Warthog</td> <td>00:00:27</td> <td>CP002X_0 658fe4e-c 858-4465-</td> <td colspan="3">5</td> </tr> <tr> <td style="text-align: center;">3.49</td> <td>SA</td> <td>Survey abandoned: Unable to pass debris</td> <td>00:00:45</td> <td>CP002X_7 c92932e-6 bc4-45c9-</td> <td colspan="3"></td> </tr> </table> </div>								Depth: 1.06 m								CP100								0.00	CP	Start node type, catchpit, reference number: CP001	00:00:01					0.00	WL	Water level, 50% of the vertical dimension	00:00:02					3.49	RM	Roots, mass, 90% cross-sectional area loss: Before Root-Cutting/Warthog	00:00:27	CP002X_0 658fe4e-c 858-4465-	5			3.49	SA	Survey abandoned: Unable to pass debris	00:00:45	CP002X_7 c92932e-6 bc4-45c9-			
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0.00	CP	Start node type, catchpit, reference number: CP001	00:00:01																																																				
0.00	WL	Water level, 50% of the vertical dimension	00:00:02																																																				
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3.49	SA	Survey abandoned: Unable to pass debris	00:00:45	CP002X_7 c92932e-6 bc4-45c9-																																																			

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	20.0	5.7	20.0	5.0

Section Pictures - 07/12/2021 - DITCH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	DITCH2X	B5254	B5254



CP002X_0658fe4e-c858-4465-9642-e41be5d5b39a_20211207_103610_514.jpg, 00:00:27, 3.49 m
Roots, mass, 90% cross-sectional area loss, Before Root-Cutting/Warthog



CP002X_7c92932e-6bc4-45c9-a487-1ee05fd42271_20211207_103634_647.jpg, 00:00:45, 3.49 m
Survey abandoned, Unable to pass debris



Section Inspection - 07/12/2021 - MH112X

Item No. 4	Insp. No. 5	Date 07/12/21	Time 10:51	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR MH112X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

Town or Village: Road: Location: Surface Type:	Lostock Hall Stoney Lane Road	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 28.13 m 28.58 m	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH112 MH112X MH103 1.300 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 150 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining	

Comments:

Recommendations:

Scale:	1:247	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td colspan="8">Depth: 1.30 m MH103</td> </tr> <tr> <td></td> <td>0.00</td> <td>MH</td> <td colspan="3">Start node type, manhole, reference number: MH103</td> <td>00:00:01</td> <td></td> </tr> <tr> <td></td> <td>0.00</td> <td>WL</td> <td colspan="3">Water level, 30% of the vertical dimension</td> <td>00:00:01</td> <td></td> </tr> <tr> <td></td> <td>3.77</td> <td>WL</td> <td colspan="3">Water level, 20% of the vertical dimension</td> <td>00:00:59</td> <td></td> </tr> <tr> <td></td> <td>24.43</td> <td>RFJ</td> <td colspan="3">Roots, fine at joint</td> <td>00:04:09</td> <td>MH112X_f 79f7a9b-4 cf2-4bcb-8</td> </tr> <tr> <td></td> <td>26.90</td> <td>OJM</td> <td colspan="3">Open joint, medium</td> <td>00:05:20</td> <td>MH112X_ 85826922- 04fb-47ed-</td> </tr> <tr> <td></td> <td>26.90</td> <td>WL</td> <td colspan="3">Water level, 10% of the vertical dimension</td> <td>00:05:23</td> <td></td> </tr> <tr> <td></td> <td>26.90</td> <td>LU</td> <td colspan="3">Line deviates up: Slight incline</td> <td>00:05:24</td> <td></td> </tr> <tr> <td></td> <td>28.13</td> <td>MHF</td> <td colspan="3">Finish node type, manhole, reference number: MH112</td> <td>00:06:19</td> <td>MH112X_ 6d781c58- cf6e-4bf9-</td> </tr> <tr> <td></td> <td colspan="7">MH112 Depth: m</td> </tr> </table> </div>								Depth: 1.30 m MH103									0.00	MH	Start node type, manhole, reference number: MH103			00:00:01			0.00	WL	Water level, 30% of the vertical dimension			00:00:01			3.77	WL	Water level, 20% of the vertical dimension			00:00:59			24.43	RFJ	Roots, fine at joint			00:04:09	MH112X_f 79f7a9b-4 cf2-4bcb-8		26.90	OJM	Open joint, medium			00:05:20	MH112X_ 85826922- 04fb-47ed-		26.90	WL	Water level, 10% of the vertical dimension			00:05:23			26.90	LU	Line deviates up: Slight incline			00:05:24			28.13	MHF	Finish node type, manhole, reference number: MH112			00:06:19	MH112X_ 6d781c58- cf6e-4bf9-		MH112 Depth: m						
Depth: 1.30 m MH103																																																																																							
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	24.43	RFJ	Roots, fine at joint			00:04:09	MH112X_f 79f7a9b-4 cf2-4bcb-8																																																																																
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	MH112 Depth: m																																																																																						

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

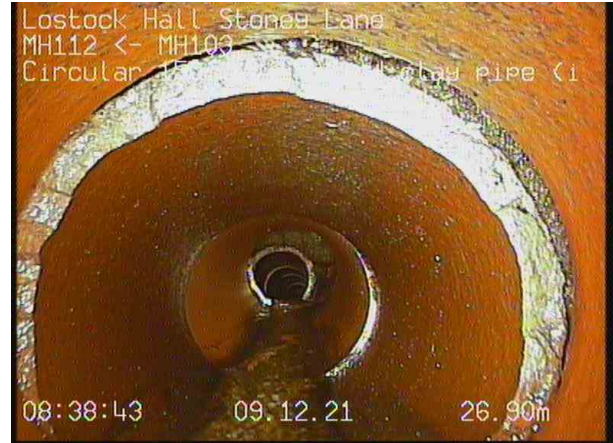
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.0	1.0	1.0	1	1.0	0.0	1.0	2.0

Section Pictures - 07/12/2021 - MH112X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	MH112X	B5254	B5254



MH112X_f79f7a9b-4cf2-4bcb-8a14-13bd8f1be70c_20211209_084157_386.jpg, 00:04:09, 24.43 m
Roots, fine at joint



MH112X_85826922-04fb-47ed-95e4-705477c8f413_20211209_084314_349.jpg, 00:05:20, 26.90 m
Open joint, medium



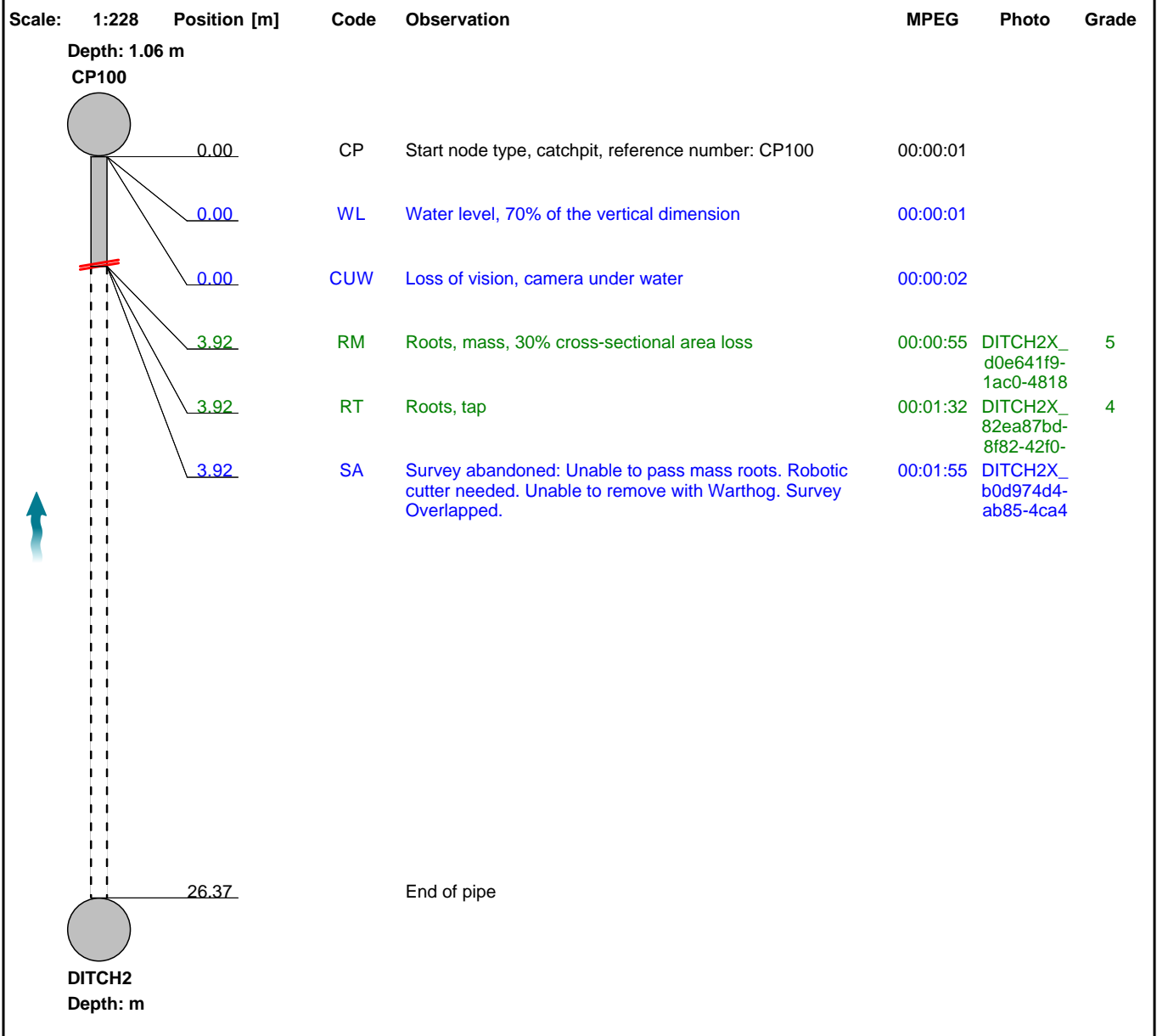
MH112X_6d781c58-cf6e-4bf9-8922-7a11c95af662_20211209_084433_393.jpg, 00:06:19, 28.13 m
Finish node type, manhole, reference number: MH112

Section Inspection - 09/12/2021 - DITCH2X

Item No. 5	Insp. No. 2	Date 09/12/21	Time 10:07	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR DITCH2X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

Town or Village: Road: Location: Surface Type:	Lostock Hall Stoney Lane Road Road	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 3.92 m 26.37 m -	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH2 - CP100 1.060 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Concrete No Lining No Lining		

Comments:
Recommendations:



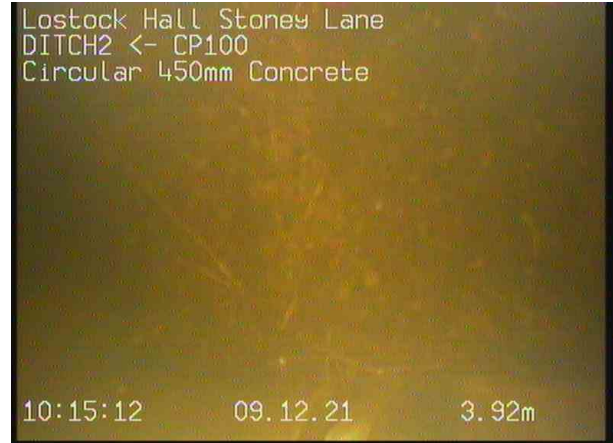
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	15.0	3.8	15.0	5.0

Section Pictures - 09/12/2021 - DITCH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	DITCH2X	B5254	B5254



DITCH2X_d0e641f9-1ac0-4818-897b-d3a3cd028c56_20211209_101915_093.jpg, 00:00:55, 3.92 m
 Roots, mass, 30% cross-sectional area loss



DITCH2X_bf3123d7-9d7b-42f2-92e0-6a9b0563fc02_20211209_101943_168.jpg, 00:00:55, 3.92 m
 Roots, mass, 30% cross-sectional area loss



DITCH2X_82ea87bd-8f82-42f0-ae60-59e618eb32d9_20211209_101957_683.jpg, 00:01:32, 3.92 m
 Roots, tap



DITCH2X_893ca743-d2f4-4384-ab6f-36db9748845d_20211209_102002_264.jpg, 00:01:32, 3.92 m
 Roots, tap

Section Pictures - 09/12/2021 - DITCH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	DITCH2X	B5254	B5254



DITCH2X_b0d974d4-ab85-4ca4-95ce-bd05c55802fc_20211209_102053_454.jpg, 00:01:55, 3.92 m
 Survey abandoned, Unable to pass mass roots. Robotic cutter needed. Unable to remove with Warthog. Survey Overlapped.



Section Inspection - 09/12/2021 - DITCH2X

Item No. 5	Insp. No. 6	Date 09/12/21	Time 9:37	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR DITCH2X
Operator E LUCAS		Vehicle WF68 YSS		Camera Mainline Crawler	Preset Length Not Specified	Legal Status Highways Drainage	Alternative ID Not Specified

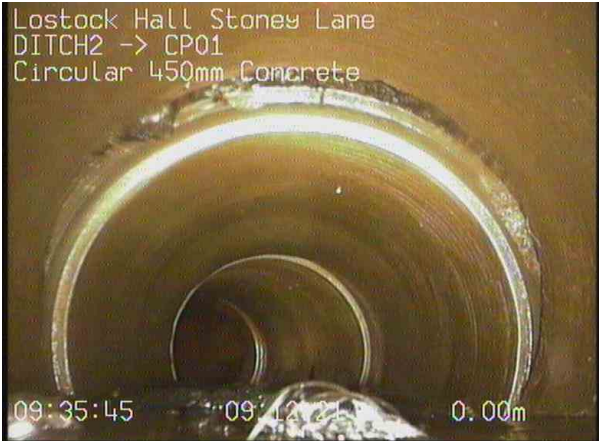
Town or Village: Road: Location: Surface Type:	Lostock Hall Stoney Lane Road	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 32.76 m 26.37 m	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH2 CP100 1.060 m
Use: Type of Pipe: Flow Control: Year Constructed:	Culverted watercourse Gravity drain/sewer No flow control Not Specified	Pipe Shape: Dia/Height: Pipe Material: Lining Type:	Circular 450 mm Concrete No Lining	Lining Material:	No Lining
Inspection Purpose:	Sample survey to determine asset condition				

Comments:
 Recommendations:

Scale:	1:228	Position [m]	Code	Observation	MPEG	Photo	Grade		
Depth: m		<u>-6.39</u>	REM	General remark: After Root-Cutting/Warthog					
DITCH2									
		0.00	OF	Start node type, outfall, reference number: DITCH2	00:00:01				
		0.00	WL	Water level, 30% of the vertical dimension	00:00:02				
		0.00	JDM	Joint displaced, medium	00:00:04	DITCH2X_81f1522a-033b-4af4-	1		
		1.05	S01 LL	Line deviates left, start	00:00:29	DITCH2X_3f159d0e-c61c-4bae			
		1.81	MCVC	Material changes to vitrified clay	00:00:48	DITCH2X_9a0ed820-a15f-4f11-			
		3.19	F01 LL	Line deviates left, finish	00:01:08				
		3.19	MCCO	Material changes to concrete	00:01:08				
		9.47	WL	Water level, 50% of the vertical dimension	00:01:41	DITCH2X_f3ed88de-811e-4aae			
		11.31	WL	Water level, 60% of the vertical dimension	00:02:06	DITCH2X_55b7e539-8cd4-4388			
		13.87	CUW	Loss of vision, camera under water	00:02:28	DITCH2X_ac9809e7-ccc5-4af9-			
		13.87	WL	Water level, 70% of the vertical dimension: Unable to drop water level even after creating a dam and sucking with the JHL	00:02:31				
		26.09	RM	Roots, mass, 30% cross-sectional area loss	00:05:29	DITCH2X_d6608d2e-1516-4496	5		
		26.09	RTJ	Roots, tap at joint	00:06:01	DITCH2X_91dc0210-5a83-4af4-	4		
		26.37	SA	Survey abandoned: Unable to remove mass roots with warthog. Needs a robotic cutter. Survey Overlapped from CP01	00:07:05	DITCH2X_f34e0078-aadd-4e21			
Construction Features				Miscellaneous Features					
Structural Defects				Service & Operational Observations					
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.0	1.0	1.0	2	15.0	0.6	15.0	5.0

Section Pictures - 09/12/2021 - DITCH2X

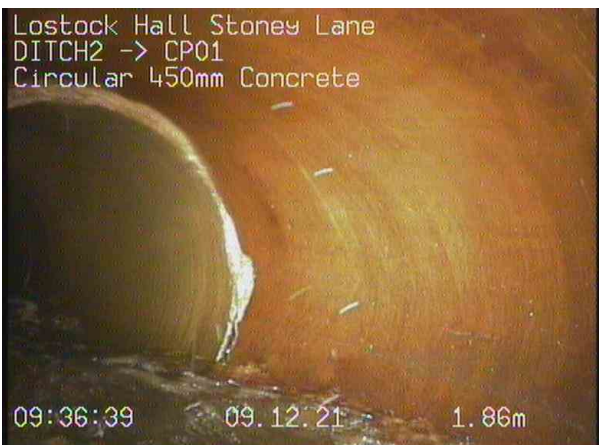
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	DITCH2X	B5254	B5254



DITCH2X_81f1522a-033b-4af4-a037-b2730a26ccdd_20211209_094016_718.jpg, 00:00:04, 0.00 m
Joint displaced, medium



DITCH2X_3f159d0e-c61c-4bae-9b5a-80f88ce28b05_20211209_094049_151.jpg, 00:00:29, 1.05 m
Line deviates left, start



DITCH2X_9a0ed820-a15f-4f11-9e10-ffa99e462cab_20211209_094109_856.jpg, 00:00:48, 1.81 m
Material changes to vitrified clay



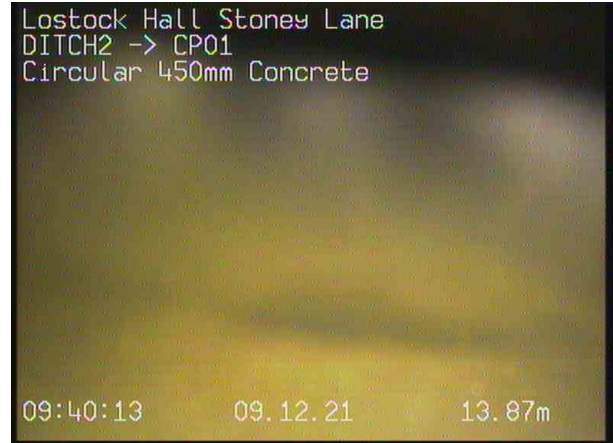
DITCH2X_f3ed88de-811e-4aae-a13e-beadc7fd6f69_20211209_094216_741.jpg, 00:01:41, 9.47 m
Water level, 50% of the vertical dimension

Section Pictures - 09/12/2021 - DITCH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	DITCH2X	B5254	B5254



DITCH2X_55b7e539-8cd4-4388-bfe9-305bde17a0a0_20211209_094247_657.jpg, 00:02:06, 11.31 m
 Water level, 60% of the vertical dimension



DITCH2X_ac9809e7-ccc5-4af9-be27-0c31e159b5b9_20211209_094444_579.jpg, 00:02:28, 13.87 m
 Loss of vision, camera under water



DITCH2X_d6608d2e-1516-4496-8d62-d7c5bf3b1b75_20211209_094817_724.jpg, 00:05:29, 26.09 m
 Roots, mass, 30% cross-sectional area loss



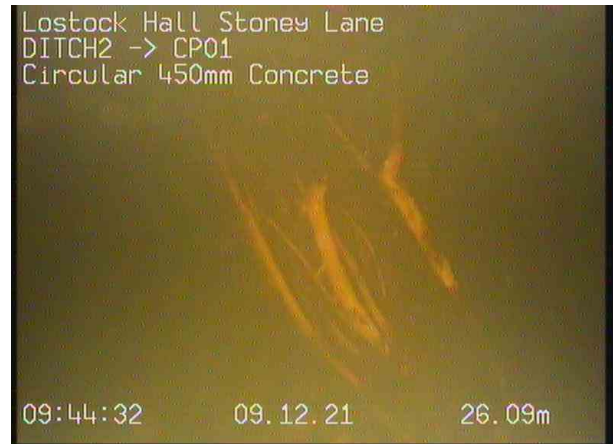
DITCH2X_652f154b-e4d7-4485-9329-7ac427e47d08_20211209_094826_618.jpg, 00:05:29, 26.09 m
 Roots, mass, 30% cross-sectional area loss

Section Pictures - 09/12/2021 - DITCH2X

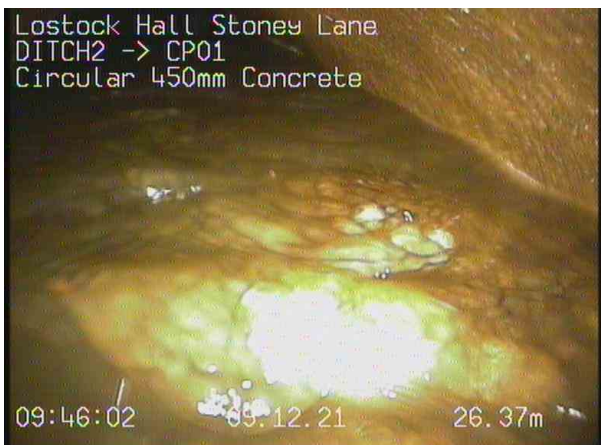
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	DITCH2X	B5254	B5254



DITCH2X_91dc0210-5a83-4af4-ba15-f31d7ec9e9b7_20211209_094853_573.jpg, 00:06:01, 26.09 m
Roots, tap at joint



DITCH2X_43823a0b-87df-4c4f-9ff0-09c72dc82cfc_20211209_094903_373.jpg, 00:06:01, 26.09 m
Roots, tap at joint



DITCH2X_f34e0078-aadd-4e21-b3f8-88e878d6f2bd_20211209_095033_307.jpg, 00:07:05, 26.37 m
Survey abandoned, Unable to remove mass roots with warthog. Needs a robotic cutter. Survey Overlapped from CP01



DITCH2X_af5a118b-9635-4d59-94f7-40bb4923ea76_20211209_095044_894.jpg, 00:07:05, 26.37 m
Survey abandoned, Unable to remove mass roots with warthog. Needs a robotic cutter. Survey Overlapped from CP01



Section Inspection - 06/12/2021 - MH100X

Item No. 6	Insp. No. 1	Date 06/12/21	Time 11:33	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH100X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 55.07 m 55.07 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH100 1.500 m MH101 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Concrete No Lining No Lining		

Comments:
Recommendations:

Scale:	1:475	Position [m]	Code	Observation	MPEG	Photo	Grade																																										
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Depth: 1.50 m MH100</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH100</td> <td style="text-align: right;">00:00:04</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 5% % of the vertical dimension</td> <td style="text-align: right;">00:00:05</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">29.71</td> <td style="text-align: center;">CC</td> <td>Crack, circumferential, at 12 o'clock</td> <td style="text-align: right;">00:03:00</td> <td>MH100X_29-71m_1</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">49.08</td> <td style="text-align: center;">REM</td> <td>General remark: Buried Chamber</td> <td style="text-align: right;">00:05:28</td> <td>MH100X_49-08m_1</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">55.07</td> <td style="text-align: center;">OBZ</td> <td>Other obstacles from 2 o'clock to 8 o'clock, 10% cross-sectional area loss: Bar or branch stuck in the joint</td> <td style="text-align: right;">00:06:28</td> <td>MH100X_55-07m_1</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">55.07</td> <td style="text-align: center;">SA</td> <td>Survey abandoned: Unable to pass bar or branch with the crawler. Line needs jetting. TM needed.</td> <td style="text-align: right;">00:06:30</td> <td>MH100X_55-07m_1</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH100	00:00:04				0.00	WL	Water level, 5% % of the vertical dimension	00:00:05				29.71	CC	Crack, circumferential, at 12 o'clock	00:03:00	MH100X_29-71m_1			49.08	REM	General remark: Buried Chamber	00:05:28	MH100X_49-08m_1			55.07	OBZ	Other obstacles from 2 o'clock to 8 o'clock, 10% cross-sectional area loss: Bar or branch stuck in the joint	00:06:28	MH100X_55-07m_1			55.07	SA	Survey abandoned: Unable to pass bar or branch with the crawler. Line needs jetting. TM needed.	00:06:30	MH100X_55-07m_1		
0.00	MH	Start node type, manhole, reference number: MH100	00:00:04																																														
0.00	WL	Water level, 5% % of the vertical dimension	00:00:05																																														
29.71	CC	Crack, circumferential, at 12 o'clock	00:03:00	MH100X_29-71m_1																																													
49.08	REM	General remark: Buried Chamber	00:05:28	MH100X_49-08m_1																																													
55.07	OBZ	Other obstacles from 2 o'clock to 8 o'clock, 10% cross-sectional area loss: Bar or branch stuck in the joint	00:06:28	MH100X_55-07m_1																																													
55.07	SA	Survey abandoned: Unable to pass bar or branch with the crawler. Line needs jetting. TM needed.	00:06:30	MH100X_55-07m_1																																													

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

Section Pictures - 06/12/2021 - MH100X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	MH100X	B5254	



MH100X_29-71m_120111.jpg, 00:03:00, 29.71 m
 Crack, circumferential, at 12 o'clock



MH100X_49-08m_120356.jpg, 00:05:28, 49.08 m
 General remark, Buried Chamber



MH100X_55-07m_120519.jpg, 00:06:28, 55.07 m
 Other obstacles from 2 o'clock to 8 o'clock, 10%
 cross-sectional area loss, Bar or branch stuck in the joint



MH100X_55-07m_120538.jpg, 00:06:30, 55.07 m
 Survey abandoned, Unable to pass bar or branch with the
 crawler. Line needs jetting. TM needed.



Section Inspection - 06/12/2021 - MH102X

Item No. 7	Insp. No. 2	Date 06/12/21	Time 13:57	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH102X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 14.01 m 14.01 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH102 Not Specified MH100 1.500 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 300 mm Concrete No Lining No Lining		

Comments:
Recommendations:

Scale:	1:121	Position [m]	Code	Observation	MPEG	Photo	Grade																																				
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Depth: 1.50 m MH100</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td>MH</td> <td>Start node type, manhole, reference number: MH100</td> <td>00:00:04</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td>00:00:05</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">2.65</td> <td>RFJ</td> <td>Roots, fine at joint</td> <td>00:00:26</td> <td>MH102X_2-65m_141151.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">8.15</td> <td>RFJ</td> <td>Roots, fine at joint</td> <td>00:01:06</td> <td>MH102X_8-15m_141237.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">13.66</td> <td>RMJ</td> <td>Roots, mass at joint, 90% % cross-sectional area loss</td> <td>00:01:46</td> <td>MH102X_13-66m_141327.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">14.01</td> <td>SA</td> <td>Survey abandoned: Unable to pass mass roots. Line needs root cutting. TM Needed.</td> <td>00:02:07</td> <td>MH102X_14-01m_141402.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH100	00:00:04			0.00	WL	Water level, 10% % of the vertical dimension	00:00:05			2.65	RFJ	Roots, fine at joint	00:00:26	MH102X_2-65m_141151.jpg		8.15	RFJ	Roots, fine at joint	00:01:06	MH102X_8-15m_141237.jpg		13.66	RMJ	Roots, mass at joint, 90% % cross-sectional area loss	00:01:46	MH102X_13-66m_141327.jpg		14.01	SA	Survey abandoned: Unable to pass mass roots. Line needs root cutting. TM Needed.	00:02:07	MH102X_14-01m_141402.jpg	
0.00	MH	Start node type, manhole, reference number: MH100	00:00:04																																								
0.00	WL	Water level, 10% % of the vertical dimension	00:00:05																																								
2.65	RFJ	Roots, fine at joint	00:00:26	MH102X_2-65m_141151.jpg																																							
8.15	RFJ	Roots, fine at joint	00:01:06	MH102X_8-15m_141237.jpg																																							
13.66	RMJ	Roots, mass at joint, 90% % cross-sectional area loss	00:01:46	MH102X_13-66m_141327.jpg																																							
14.01	SA	Survey abandoned: Unable to pass mass roots. Line needs root cutting. TM Needed.	00:02:07	MH102X_14-01m_141402.jpg																																							

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

Section Pictures - 06/12/2021 - MH102X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	MH102X	B5254	



MH102X_2-65m_141151.jpg, 00:00:26, 2.65 m
 Roots, fine at joint



MH102X_8-15m_141237.jpg, 00:01:06, 8.15 m
 Roots, fine at joint



MH102X_13-66m_141327.jpg, 00:01:46, 13.66 m
 Roots, mass at joint, 90% % cross-sectional area loss



MH102X_14-01m_141402.jpg, 00:02:07, 14.01 m
 Survey abandoned, Unable to pass mass roots. Line needs root cutting. TM Needed.



Section Inspection - 09/12/2021 - MH113X

Item No. 9	Insp. No. 4	Date 09/12/21	Time 14:37	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH113X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Upstream	Upstream Node:	MH113
Road:	M65	Inspected Length:	30.71 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	30.71 m	Downstream Node:	DITCH6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Culverted watercourse			Pipe Shape:	Circular
Type of Pipe:	Gravity drain/sewer			Dia/Height:	375 mm
Flow Control:	No flow control			Pipe Material:	Concrete
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:	Sample survey to determine asset condition			Lining Material:	No Lining

Comments:
Recommendations:

Scale:	1:265	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>DITCH6</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">REM</td> <td style="width: 45%;">General remark: Before jetting works. See post survey for the complete survey.</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">OF</td> <td>Start node type, outfall, reference number: DITCH6</td> <td></td> <td style="text-align: center;">00:00:03</td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td></td> <td style="text-align: center;">00:00:04</td> <td></td> </tr> <tr> <td style="text-align: center;">30.71</td> <td style="text-align: center;">SA</td> <td>Survey abandoned: Unable to drive over concrete</td> <td></td> <td style="text-align: center;">00:02:27</td> <td style="text-align: center;">DITCH6 PIPE A_30-71m</td> </tr> </table> </div>								0.00	REM	General remark: Before jetting works. See post survey for the complete survey.				0.00	OF	Start node type, outfall, reference number: DITCH6		00:00:03		0.00	WL	Water level, 10% % of the vertical dimension		00:00:04		30.71	SA	Survey abandoned: Unable to drive over concrete		00:02:27	DITCH6 PIPE A_30-71m
0.00	REM	General remark: Before jetting works. See post survey for the complete survey.																													
0.00	OF	Start node type, outfall, reference number: DITCH6		00:00:03																											
0.00	WL	Water level, 10% % of the vertical dimension		00:00:04																											
30.71	SA	Survey abandoned: Unable to drive over concrete		00:02:27	DITCH6 PIPE A_30-71m																										

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

Section Pictures - 09/12/2021 - MH113X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	MH113X	B5254	



DITCH6 PIPE A_30-71m_145026.jpg, 00:02:27, 30.71 m
 Survey abandoned, Unable to drive over concrete

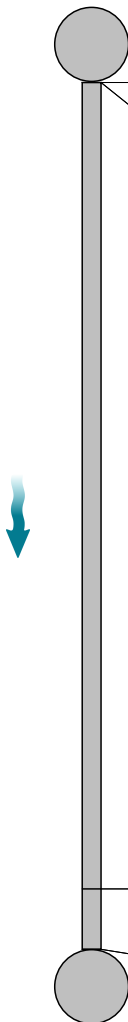
Section Inspection - 10/12/2021 - MH114X

Item No. 10	Insp. No. 5	Date 10/12/21	Time 8:46	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR MH114X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall M65 Verge Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 8.61 m 8.61 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH114 2.400 m MH113 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Concrete No Lining No Lining	

Comments:

Recommendations:

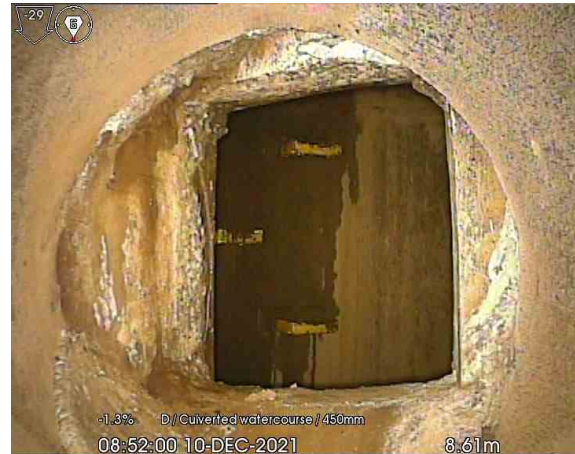
Scale:	1:75	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Depth: 2.40 m MH114</p>  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: right;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH114</td> <td style="width: 10%;">00:00:04</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td>00:00:05</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">8.01</td> <td>JN</td> <td>Junction, at 06 o'clock, diameter: 450 mm</td> <td>00:00:50</td> <td>MH114X_8-01m_08</td> <td>5136.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">8.61</td> <td>MHF</td> <td>Finish node type, manhole, reference number: MH113</td> <td>00:01:08</td> <td>MH114X_8-61m_08</td> <td>5200.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH114	00:00:04				0.00	WL	Water level, 10% % of the vertical dimension	00:00:05				8.01	JN	Junction, at 06 o'clock, diameter: 450 mm	00:00:50	MH114X_8-01m_08	5136.jpg		8.61	MHF	Finish node type, manhole, reference number: MH113	00:01:08	MH114X_8-61m_08	5200.jpg	
0.00	MH	Start node type, manhole, reference number: MH114	00:00:04																																
0.00	WL	Water level, 10% % of the vertical dimension	00:00:05																																
8.01	JN	Junction, at 06 o'clock, diameter: 450 mm	00:00:50	MH114X_8-01m_08	5136.jpg																														
8.61	MHF	Finish node type, manhole, reference number: MH113	00:01:08	MH114X_8-61m_08	5200.jpg																														
Construction Features				Miscellaneous Features																															
Structural Defects				Service & Operational Observations																															
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																										
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																										

Section Pictures - 10/12/2021 - MH114X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Downstream	MH114X	B5254	



MH114X_8-01m_085136.jpg, 00:00:50, 8.01 m
 Junction, at 06 o'clock, diameter: 450 mm



MH114X_8-61m_085200.jpg, 00:01:08, 8.61 m
 Finish node type, manhole, reference number: MH113

Section Inspection - 10/12/2021 - INTERCEPTOR1X

Item No. 11	Insp. No. 6	Date 10/12/21	Time 8:54	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR INTERCEPTOR1X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

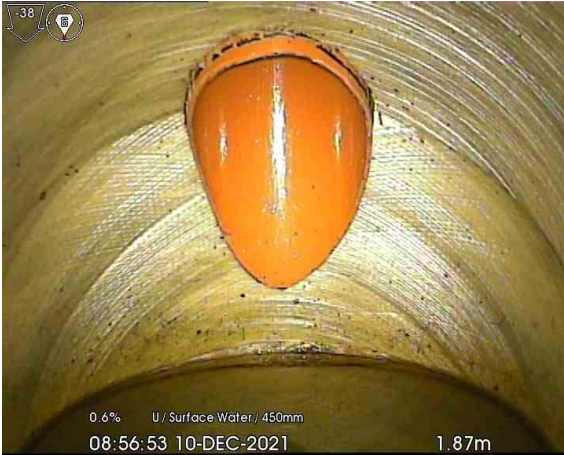
Town or Village: Road: Location: Surface Type:	Lostock Hall M65 Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 1.87 m 1.87 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	INTERCEPTOR1 Not Specified MH114 2.600 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Surface water Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Concrete No Lining No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 15%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH114</td> <td style="width: 10%;">00:00:04</td> <td colspan="4"></td> </tr> <tr> <td style="width: 10%;">0.00</td> <td style="width: 15%;">WL</td> <td style="width: 45%;">Water level, 10% % of the vertical dimension</td> <td style="width: 10%;">00:00:05</td> <td colspan="4"></td> </tr> <tr> <td style="width: 10%;">1.87</td> <td style="width: 15%;">OSF</td> <td style="width: 45%;">Finish node type, oil separator, reference number: INTERCEPTOR1</td> <td style="width: 10%;">00:00:27</td> <td style="width: 10%;">INTERCE</td> <td style="width: 10%;">PTOR1X_</td> <td style="width: 10%;">1-87m_08</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH114	00:00:04					0.00	WL	Water level, 10% % of the vertical dimension	00:00:05					1.87	OSF	Finish node type, oil separator, reference number: INTERCEPTOR1	00:00:27	INTERCE	PTOR1X_	1-87m_08	
0.00	MH	Start node type, manhole, reference number: MH114	00:00:04																												
0.00	WL	Water level, 10% % of the vertical dimension	00:00:05																												
1.87	OSF	Finish node type, oil separator, reference number: INTERCEPTOR1	00:00:27	INTERCE	PTOR1X_	1-87m_08																									
Construction Features				Miscellaneous Features																											
Structural Defects				Service & Operational Observations																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																						

Section Pictures - 10/12/2021 - INTERCEPTOR1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Upstream	INTERCEPTOR1X	B5254	



INTERCEPTOR1X_1-87m_085653.jpg, 00:00:27, 1.87 m
Finish node type, oil separator, reference number:
INTERCEPTOR1

Section Inspection - 10/12/2021 - MH113X

Item No. 12	Insp. No. 7	Date 10/12/21	Time 9:03	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR MH113X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Lostock Hall	Inspection Direction: Downstream	Upstream Node: MH113
Road: M65	Inspected Length: 25.20 m	Upstream Pipe Depth: 4.300 m
Location: Road	Total Length: 25.20 m	Downstream Node: DITCH6
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Culverted watercourse	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 375 mm	
Flow Control: No flow control	Pipe Material: Concrete	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

Comments:
Recommendations:

Scale:	1:218	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: 4.30 m MH113</p> <p>DITCH6 Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: MH113</td> <td style="width: 10%;">00:00:03</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="color: blue;">0.00</td> <td style="color: blue;">WL</td> <td style="color: blue;">Water level, 30% % of the vertical dimension</td> <td style="color: blue;">00:00:04</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="color: green;">0.00</td> <td style="color: green;">DEZ</td> <td style="color: green;">Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss: Concrete in line</td> <td style="color: green;">00:00:06</td> <td style="color: green;">MH113X_0-00m_091000.jpg</td> <td style="color: green;">4</td> <td></td> </tr> <tr> <td style="color: green;">0.92</td> <td style="color: green;">DEZ</td> <td style="color: green;">Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss: Unable to remove remaining Concrete</td> <td style="color: green;">00:00:31</td> <td style="color: green;">MH113X_0-92m_091048.jpg</td> <td style="color: green;">4</td> <td></td> </tr> <tr> <td style="color: red;">22.00</td> <td style="color: red;">CL</td> <td style="color: red;">Crack, longitudinal at 3 o'clock</td> <td style="color: red;">00:02:13</td> <td style="color: red;">MH113X_22-00m_091240.jpg</td> <td style="color: red;">2</td> <td></td> </tr> <tr> <td style="color: red;">22.53</td> <td style="color: red;">CLJ</td> <td style="color: red;">Crack, longitudinal at joint, at 12 o'clock</td> <td style="color: red;">00:02:28</td> <td style="color: red;">MH113X_22-53m_091301.jpg</td> <td style="color: red;">2</td> <td></td> </tr> <tr> <td style="color: red;">25.20</td> <td style="color: red;">OFF</td> <td style="color: red;">Finish node type, outfall, reference number: DITCH6</td> <td style="color: red;">00:02:39</td> <td style="color: red;">MH113X_25-20m_091320.jpg</td> <td style="color: red;">4</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH113	00:00:03				0.00	WL	Water level, 30% % of the vertical dimension	00:00:04				0.00	DEZ	Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss: Concrete in line	00:00:06	MH113X_0-00m_091000.jpg	4		0.92	DEZ	Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss: Unable to remove remaining Concrete	00:00:31	MH113X_0-92m_091048.jpg	4		22.00	CL	Crack, longitudinal at 3 o'clock	00:02:13	MH113X_22-00m_091240.jpg	2		22.53	CLJ	Crack, longitudinal at joint, at 12 o'clock	00:02:28	MH113X_22-53m_091301.jpg	2		25.20	OFF	Finish node type, outfall, reference number: DITCH6	00:02:39	MH113X_25-20m_091320.jpg	4	
0.00	MH	Start node type, manhole, reference number: MH113	00:00:03																																																					
0.00	WL	Water level, 30% % of the vertical dimension	00:00:04																																																					
0.00	DEZ	Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss: Concrete in line	00:00:06	MH113X_0-00m_091000.jpg	4																																																			
0.92	DEZ	Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss: Unable to remove remaining Concrete	00:00:31	MH113X_0-92m_091048.jpg	4																																																			
22.00	CL	Crack, longitudinal at 3 o'clock	00:02:13	MH113X_22-00m_091240.jpg	2																																																			
22.53	CLJ	Crack, longitudinal at joint, at 12 o'clock	00:02:28	MH113X_22-53m_091301.jpg	2																																																			
25.20	OFF	Finish node type, outfall, reference number: DITCH6	00:02:39	MH113X_25-20m_091320.jpg	4																																																			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	20.0	0.8	20.0	2.0	2	5.0	0.4	10.0	4.0

Section Pictures - 10/12/2021 - MH113X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Downstream	MH113X	B5254	



MH113X_0-00m_091000.jpg, 00:00:06, 0.00 m
 Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss, Concrete in line



MH113X_0-92m_091048.jpg, 00:00:31, 0.92 m
 Attached deposits, other from 4 o'clock to 8 o'clock, 30% cross-sectional area loss, Unable to remove remaining Concrete



MH113X_22-00m_091240.jpg, 00:02:13, 22.00 m
 Crack, longitudinal at 3 o'clock



MH113X_22-53m_091301.jpg, 00:02:28, 22.53 m
 Crack, longitudinal at joint, at 12 o'clock

Section Pictures - 10/12/2021 - MH113X

Item No. 12	Inspection Direction Downstream	PLR MH113X	Client's Job Ref B5254	Contractor's Job Ref
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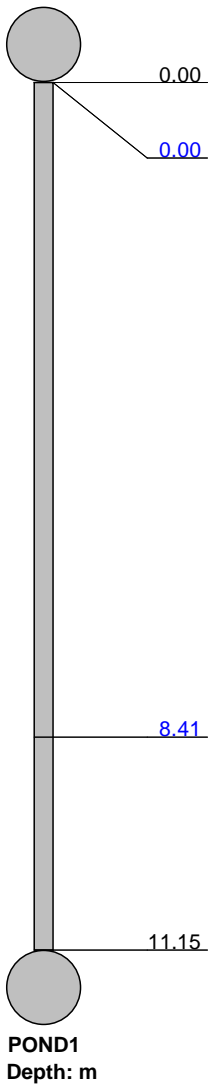
MH113X_25-20m_091320.jpg, 00:02:39, 25.20 m
 Finish node type, outfall, reference number: DITCH6

Section Inspection - 10/12/2021 - DITCH6X

Item No. 13	Insp. No. 8	Date 10/12/21	Time 10:41	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR DITCH6X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall M65 Verge Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 11.15 m 11.15 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH6 Not Specified POND1 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Polyvinyl chloride No Lining No Lining		

Comments:
Recommendations:

Scale:	1:97	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: m DITCH6</p>  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">OF</td> <td style="width: 40%;">Start node type, outfall, reference number: DITCH6</td> <td style="width: 10%; text-align: center;">00:00:04</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 30% % of the vertical dimension</td> <td style="text-align: center;">00:00:04</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">8.41</td> <td style="text-align: center;">WL</td> <td>Water level, 20% % of the vertical dimension</td> <td style="text-align: center;">00:00:38</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">11.15</td> <td style="text-align: center;">OFF</td> <td>Finish node type, outfall, reference number: POND1</td> <td style="text-align: center;">00:00:57</td> <td style="width: 10%;">DITCH6X_11-15m_1</td> <td style="width: 10%;">04327.jpg</td> <td></td> </tr> </table> </div>								0.00	OF	Start node type, outfall, reference number: DITCH6	00:00:04				0.00	WL	Water level, 30% % of the vertical dimension	00:00:04				8.41	WL	Water level, 20% % of the vertical dimension	00:00:38				11.15	OFF	Finish node type, outfall, reference number: POND1	00:00:57	DITCH6X_11-15m_1	04327.jpg	
0.00	OF	Start node type, outfall, reference number: DITCH6	00:00:04																																
0.00	WL	Water level, 30% % of the vertical dimension	00:00:04																																
8.41	WL	Water level, 20% % of the vertical dimension	00:00:38																																
11.15	OFF	Finish node type, outfall, reference number: POND1	00:00:57	DITCH6X_11-15m_1	04327.jpg																														
Construction Features				Miscellaneous Features																															
Structural Defects				Service & Operational Observations																															
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																										
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																										

Section Pictures - 10/12/2021 - DITCH6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
13	Downstream	DITCH6X	B5254	



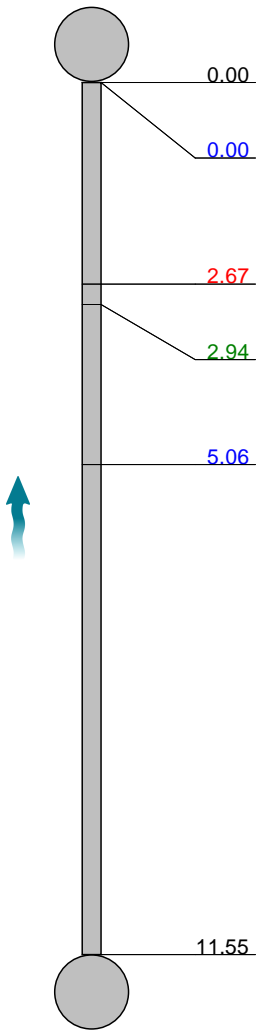
DITCH6X_11-15m_104327.jpg, 00:00:57, 11.15 m
 Finish node type, outfall, reference number: POND1

Section Inspection - 10/12/2021 - POND1X

Item No. 14	Insp. No. 9	Date 10/12/21	Time 10:59	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR POND1X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall M65 Verge Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 11.55 m 11.55 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	POND1 Not Specified DITCH7 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 450 mm Polyvinyl chloride No Lining No Lining	

Comments:
Recommendations:

Scale:	1:100	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="margin: 0;">Depth: m</p> <p style="margin: 0;">DITCH7</p>  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 5%;"></td> <td style="width: 5%;">OF</td> <td colspan="2">Start node type, outfall, reference number: DITCH7</td> <td style="width: 10%;">00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td colspan="2">Water level, 50% % of the vertical dimension</td> <td>00:00:03</td> <td>POND1X_0-00m_110233.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">2.67</td> <td></td> <td>SZ</td> <td colspan="2">Surface damage, other from 9 o'clock to 10 o'clock: Surface damage, plastic has peeled.</td> <td>00:00:17</td> <td>POND1X_2-67m_110300.jpg,P</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: right;">2.94</td> <td></td> <td>IG</td> <td colspan="2">Infiltration, gushing, from 10 to 09 o'clock</td> <td>00:00:48</td> <td>POND1X_2-94m_110359.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">5.06</td> <td></td> <td>WL</td> <td colspan="2">Water level, 30% % of the vertical dimension</td> <td>00:01:05</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">11.55</td> <td></td> <td>OFF</td> <td colspan="2">Finish node type, outfall, reference number: POND1</td> <td>00:01:46</td> <td>POND1X_11-55m_110507.jpg</td> <td></td> </tr> </table> </div>								0.00		OF	Start node type, outfall, reference number: DITCH7		00:00:02			0.00		WL	Water level, 50% % of the vertical dimension		00:00:03	POND1X_0-00m_110233.jpg		2.67		SZ	Surface damage, other from 9 o'clock to 10 o'clock: Surface damage, plastic has peeled.		00:00:17	POND1X_2-67m_110300.jpg,P	2	2.94		IG	Infiltration, gushing, from 10 to 09 o'clock		00:00:48	POND1X_2-94m_110359.jpg		5.06		WL	Water level, 30% % of the vertical dimension		00:01:05			11.55		OFF	Finish node type, outfall, reference number: POND1		00:01:46	POND1X_11-55m_110507.jpg	
0.00		OF	Start node type, outfall, reference number: DITCH7		00:00:02																																																		
0.00		WL	Water level, 50% % of the vertical dimension		00:00:03	POND1X_0-00m_110233.jpg																																																	
2.67		SZ	Surface damage, other from 9 o'clock to 10 o'clock: Surface damage, plastic has peeled.		00:00:17	POND1X_2-67m_110300.jpg,P	2																																																
2.94		IG	Infiltration, gushing, from 10 to 09 o'clock		00:00:48	POND1X_2-94m_110359.jpg																																																	
5.06		WL	Water level, 30% % of the vertical dimension		00:01:05																																																		
11.55		OFF	Finish node type, outfall, reference number: POND1		00:01:46	POND1X_11-55m_110507.jpg																																																	
Construction Features				Miscellaneous Features																																																			
Structural Defects				Service & Operational Observations																																																			
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																																														
1	20.0	1.7	20.0	2.0	0	0.0	0.0	0.0	1.0																																														

Section Pictures - 10/12/2021 - POND1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Upstream	POND1X	B5254	



POND1X_0-00m_110233.jpg, 00:00:03, 0.00 m
 Water level, 50% % of the vertical dimension



POND1X_2-67m_110300.jpg, 00:00:17, 2.67 m
 Surface damage, other from 9 o'clock to 10 o'clock, Surface damage, plastic has peeled.



POND1X_95365508-cc5d-44a3-a42a-f720754d5abd_20220105_092539_965.jpg, 00:00:17, 2.67 m
 Surface damage, other from 9 o'clock to 10 o'clock, Surface damage, plastic has peeled.



POND1X_2-94m_110359.jpg, 00:00:48, 2.94 m
 Infiltration, gushing, from 10 to 09 o'clock

Section Pictures - 10/12/2021 - POND1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Upstream	POND1X	B5254	



POND1X_11-55m_110507.jpg, 00:01:46, 11.55 m
 Finish node type, outfall, reference number: POND1

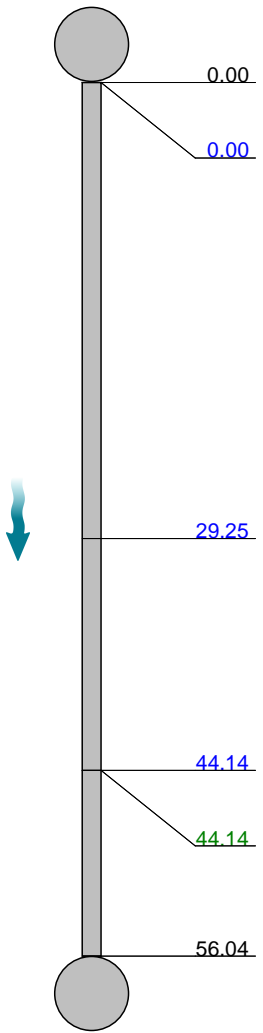
Section Inspection - 10/12/2021 - DITCH7X

Item No. 15	Insp. No. 10	Date 10/12/21	Time 11:10	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR DITCH7X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall M65 Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 56.04 m 56.04 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH7 Not Specified DITCH3 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 900 mm Concrete No Lining No Lining	

Comments:

Recommendations:

Scale:	1:484	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: m DITCH7</p>  <p>DITCH3 Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: left;">OF</td> <td>Start node type, outfall, reference number: DITCH7</td> <td style="text-align: right;">00:00:05</td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: left;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: right;">00:00:07</td> </tr> <tr> <td style="text-align: right;">29.25</td> <td style="text-align: left;">WL</td> <td>Water level, 20% % of the vertical dimension</td> <td style="text-align: right;">00:01:43</td> </tr> <tr> <td style="text-align: right;">44.14</td> <td style="text-align: left;">WL</td> <td>Water level, 30% % of the vertical dimension</td> <td style="text-align: right;">00:02:47</td> </tr> <tr> <td style="text-align: right;">44.14</td> <td style="text-align: left;">DES</td> <td>Settled deposits, fine, 20% % cross-sectional area loss</td> <td style="text-align: right;">00:02:47</td> </tr> <tr> <td style="text-align: right;">56.04</td> <td style="text-align: left;">OFF</td> <td>Finish node type, outfall, reference number: DITCH3: Ditch needs devegetation to drop the water level</td> <td style="text-align: right;">00:13:47</td> </tr> </table> </div>								0.00	OF	Start node type, outfall, reference number: DITCH7	00:00:05	0.00	WL	Water level, 10% % of the vertical dimension	00:00:07	29.25	WL	Water level, 20% % of the vertical dimension	00:01:43	44.14	WL	Water level, 30% % of the vertical dimension	00:02:47	44.14	DES	Settled deposits, fine, 20% % cross-sectional area loss	00:02:47	56.04	OFF	Finish node type, outfall, reference number: DITCH3: Ditch needs devegetation to drop the water level	00:13:47
0.00	OF	Start node type, outfall, reference number: DITCH7	00:00:05																												
0.00	WL	Water level, 10% % of the vertical dimension	00:00:07																												
29.25	WL	Water level, 20% % of the vertical dimension	00:01:43																												
44.14	WL	Water level, 30% % of the vertical dimension	00:02:47																												
44.14	DES	Settled deposits, fine, 20% % cross-sectional area loss	00:02:47																												
56.04	OFF	Finish node type, outfall, reference number: DITCH3: Ditch needs devegetation to drop the water level	00:13:47																												
				DITCH7X_44-14m_1_32923.jpg																											
				DITCH7X_56-04m_1_34121.jpg																											

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 10/12/2021 - DITCH7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
15	Downstream	DITCH7X	B5254	



DITCH7X_44-14m_132923.jpg, 00:02:47, 44.14 m
 Settled deposits, fine, 20% % cross-sectional area loss



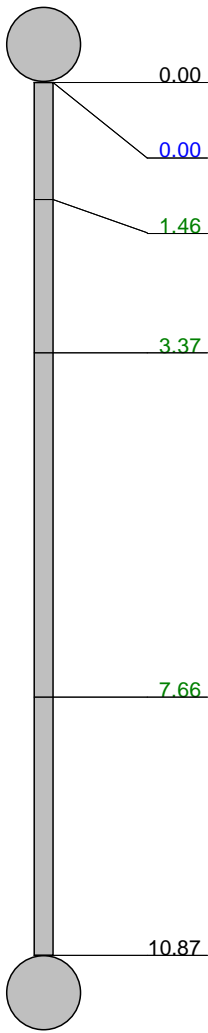
DITCH7X_56-04m_134121.jpg, 00:13:47, 56.04 m
 Finish node type, outfall, reference number: DITCH3, Ditch needs devegetation to drop the water level

Section Inspection - 20/12/2021 - DITCH4X

Item No. 16	Insp. No. 11	Date 20/12/21	Time 14:33	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR DITCH4X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Lostock Lane Fields Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 10.87 m 10.87 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH4 Not Specified MH115 2.500 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 225 mm Polyvinyl chloride No Lining No Lining		

Comments:
Recommendations:

Scale:	1:94	Position [m]	Code	Observation	MPEG	Photo	Grade																																				
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: m DITCH4</p>  <p>MH115 Depth: 2.50 m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 15%;">0.00</td> <td style="width: 10%;">OF</td> <td style="width: 30%;">Start node type, outfall, reference number: DITCH4</td> <td style="width: 10%;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="color: blue;">0.00</td> <td style="color: blue;">WL</td> <td style="color: blue;">Water level, 10% % of the vertical dimension</td> <td style="color: blue;">00:00:04</td> <td></td> <td></td> </tr> <tr> <td style="color: green;">1.46</td> <td style="color: green;">LR</td> <td style="color: green;">Line deviates right</td> <td style="color: green;">00:00:13</td> <td></td> <td></td> </tr> <tr> <td style="color: green;">3.37</td> <td style="color: green;">LR</td> <td style="color: green;">Line deviates right</td> <td style="color: green;">00:00:23</td> <td></td> <td></td> </tr> <tr> <td style="color: green;">7.66</td> <td style="color: green;">LL</td> <td style="color: green;">Line deviates left</td> <td style="color: green;">00:00:43</td> <td></td> <td></td> </tr> <tr> <td style="color: green;">10.87</td> <td style="color: green;">MHF</td> <td style="color: green;">Finish node type, manhole, reference number: MH115</td> <td style="color: green;">00:01:58</td> <td style="color: green;">DITCH4X_10-87m_1</td> <td style="color: green;">50350.jpg</td> </tr> </table> </div>								0.00	OF	Start node type, outfall, reference number: DITCH4	00:00:03			0.00	WL	Water level, 10% % of the vertical dimension	00:00:04			1.46	LR	Line deviates right	00:00:13			3.37	LR	Line deviates right	00:00:23			7.66	LL	Line deviates left	00:00:43			10.87	MHF	Finish node type, manhole, reference number: MH115	00:01:58	DITCH4X_10-87m_1	50350.jpg
0.00	OF	Start node type, outfall, reference number: DITCH4	00:00:03																																								
0.00	WL	Water level, 10% % of the vertical dimension	00:00:04																																								
1.46	LR	Line deviates right	00:00:13																																								
3.37	LR	Line deviates right	00:00:23																																								
7.66	LL	Line deviates left	00:00:43																																								
10.87	MHF	Finish node type, manhole, reference number: MH115	00:01:58	DITCH4X_10-87m_1	50350.jpg																																						

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

Section Pictures - 20/12/2021 - DITCH4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Downstream	DITCH4X	B5254	



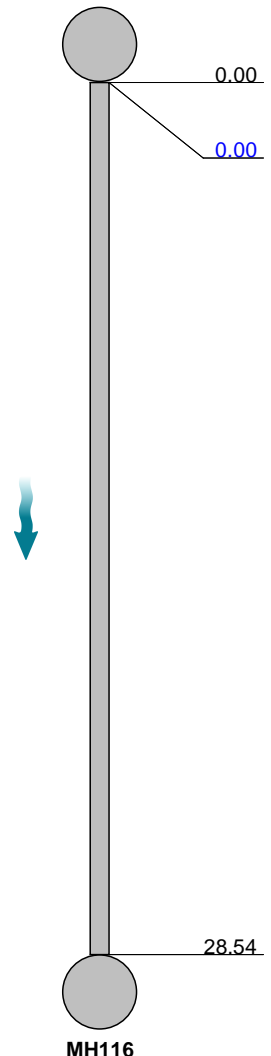
DITCH4X_10-87m_150350.jpg, 00:01:58, 10.87 m
Finish node type, manhole, reference number: MH115

Section Inspection - 20/12/2021 - MH115X

Item No. 17	Insp. No. 12	Date 20/12/21	Time 15:14	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH115X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Downstream	Upstream Node:	MH115
Road:	Lostock Lane	Inspected Length:	28.54 m	Upstream Pipe Depth:	2.500 m
Location:	Verge	Total Length:	28.54 m	Downstream Node:	MH116
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Culverted watercourse			Pipe Shape:	Circular
Type of Pipe:	Gravity drain/sewer			Dia/Height:	600 mm
Flow Control:	No flow control			Pipe Material:	Concrete
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:	Sample survey to determine asset condition			Lining Material:	No Lining

Comments:
Recommendations:

Scale:	1:247	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: 2.50 m</p> <p>MH115</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 15%;">0.00</td> <td style="width: 5%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH115</td> <td style="width: 10%;">00:00:04</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>0.00</td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td>00:00:05</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>28.54</td> <td>MHF</td> <td>Finish node type, manhole, reference number: MH116</td> <td>00:02:57</td> <td>MH115Y_28-54m_1</td> <td>51923.jpg</td> </tr> </table> </div>										0.00	MH	Start node type, manhole, reference number: MH115	00:00:04					0.00	WL	Water level, 10% % of the vertical dimension	00:00:05					28.54	MHF	Finish node type, manhole, reference number: MH116	00:02:57	MH115Y_28-54m_1	51923.jpg
		0.00	MH	Start node type, manhole, reference number: MH115	00:00:04																										
		0.00	WL	Water level, 10% % of the vertical dimension	00:00:05																										
		28.54	MHF	Finish node type, manhole, reference number: MH116	00:02:57	MH115Y_28-54m_1	51923.jpg																								
Construction Features				Miscellaneous Features																											
Structural Defects				Service & Operational Observations																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																						

Section Pictures - 20/12/2021 - MH115X

Item No. 17	Inspection Direction Downstream	PLR MH115X	Client's Job Ref B5254	Contractor's Job Ref
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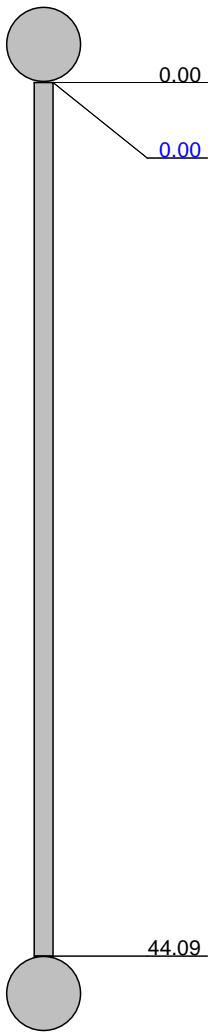
MH115Y_28-54m_151923.jpg, 00:02:57, 28.54 m
 Finish node type, manhole, reference number: MH116

Section Inspection - 20/12/2021 - MH116X

Item No. 18	Insp. No. 13	Date 20/12/21	Time 15:20	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH116X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Lostock Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 44.09 m 44.09 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH116 Not Specified OUTFALL Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining		

Comments:
Recommendations:

Scale:	1:381	Position [m]	Code	Observation	MPEG	Photo	Grade																					
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: m MH116</p>  </div> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 5%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH116</td> <td style="width: 10%;">00:00:03</td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td style="color: blue;">0.00</td> <td style="color: blue;">WL</td> <td style="color: blue;">Water level, 10% % of the vertical dimension</td> <td style="color: blue;">00:00:04</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="border-top: 1px solid black;">44.09</td> <td style="border-top: 1px solid black;">OFF</td> <td style="border-top: 1px solid black;">Finish node type, outfall, reference number: OUTFALL: Flap valve on the outfall. Outfalls into the River Lostock.</td> <td style="border-top: 1px solid black;">00:03:08</td> <td style="border-top: 1px solid black;">MH116Y_44-09m_1</td> <td style="border-top: 1px solid black;">52534.jpg</td> <td style="border-top: 1px solid black;"></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH116	00:00:03				0.00	WL	Water level, 10% % of the vertical dimension	00:00:04				44.09	OFF	Finish node type, outfall, reference number: OUTFALL: Flap valve on the outfall. Outfalls into the River Lostock.	00:03:08	MH116Y_44-09m_1	52534.jpg	
0.00	MH	Start node type, manhole, reference number: MH116	00:00:03																									
0.00	WL	Water level, 10% % of the vertical dimension	00:00:04																									
44.09	OFF	Finish node type, outfall, reference number: OUTFALL: Flap valve on the outfall. Outfalls into the River Lostock.	00:03:08	MH116Y_44-09m_1	52534.jpg																							
Construction Features				Miscellaneous Features																								
Structural Defects				Service & Operational Observations																								
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																			
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																			

Section Pictures - 20/12/2021 - MH116X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
18	Downstream	MH116X	B5254	



MH116Y_44-09m_152534.jpg, 00:03:08, 44.09 m
 Finish node type, outfall, reference number: OUTFALL, Flap valve on the outfall. Outfalls into the River Lostock.



Section Inspection - 20/12/2021 - MH115X

Item No. 19	Insp. No. 14	Date 20/12/21	Time 15:31	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH115X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Downstream	Upstream Node:	MH115
Road:	Lostock Lane	Inspected Length:	15.77 m	Upstream Pipe Depth:	2.500 m
Location:	Road	Total Length:	15.77 m	Downstream Node:	MH116
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Culverted watercourse	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	600 mm		
Flow Control:	No flow control	Pipe Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:136	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: 2.50 m MH115</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 10%; text-align: center;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH115</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td style="color: blue;">Water level, 20% % of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">15.65</td> <td style="text-align: center;">DEEJ</td> <td style="color: green;">Attached deposits, encrustation at joint, from 03 to 07 o'clock, 15% % cross-sectional area loss</td> <td style="text-align: center;">00:01:27</td> <td style="text-align: center;">MH115X_15-65m_153343.jpg</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td style="text-align: center;">15.77</td> <td style="text-align: center;">FCJ</td> <td style="color: red;">Fracture, circumferential at joint, from 09 to 12 o'clock</td> <td style="text-align: center;">00:01:52</td> <td style="text-align: center;">MH115X_15-77m_153420.jpg</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td style="text-align: center;">15.77</td> <td style="text-align: center;">SA</td> <td style="color: blue;">Survey abandoned: Risk to equipment. Survey overlapped from downstream manhole</td> <td style="text-align: center;">00:02:01</td> <td style="text-align: center;">MH115X_15-77m_153454.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH115	00:00:03				0.00	WL	Water level, 20% % of the vertical dimension	00:00:03				15.65	DEEJ	Attached deposits, encrustation at joint, from 03 to 07 o'clock, 15% % cross-sectional area loss	00:01:27	MH115X_15-65m_153343.jpg	3		15.77	FCJ	Fracture, circumferential at joint, from 09 to 12 o'clock	00:01:52	MH115X_15-77m_153420.jpg	3		15.77	SA	Survey abandoned: Risk to equipment. Survey overlapped from downstream manhole	00:02:01	MH115X_15-77m_153454.jpg		
0.00	MH	Start node type, manhole, reference number: MH115	00:00:03																																							
0.00	WL	Water level, 20% % of the vertical dimension	00:00:03																																							
15.65	DEEJ	Attached deposits, encrustation at joint, from 03 to 07 o'clock, 15% % cross-sectional area loss	00:01:27	MH115X_15-65m_153343.jpg	3																																					
15.77	FCJ	Fracture, circumferential at joint, from 09 to 12 o'clock	00:01:52	MH115X_15-77m_153420.jpg	3																																					
15.77	SA	Survey abandoned: Risk to equipment. Survey overlapped from downstream manhole	00:02:01	MH115X_15-77m_153454.jpg																																						

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	40.0	2.5	40.0	3.0	1	2.0	0.1	2.0	3.0

Section Pictures - 20/12/2021 - MH115X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
19	Downstream	MH115X	B5254	



MH115X_15-65m_153343.jpg, 00:01:27, 15.65 m
 Attached deposits, encrustation at joint, from 03 to 07 o'clock,
 15% % cross-sectional area loss



MH115X_15-77m_153420.jpg, 00:01:52, 15.77 m
 Fracture, circumferential at joint, from 09 to 12 o'clock



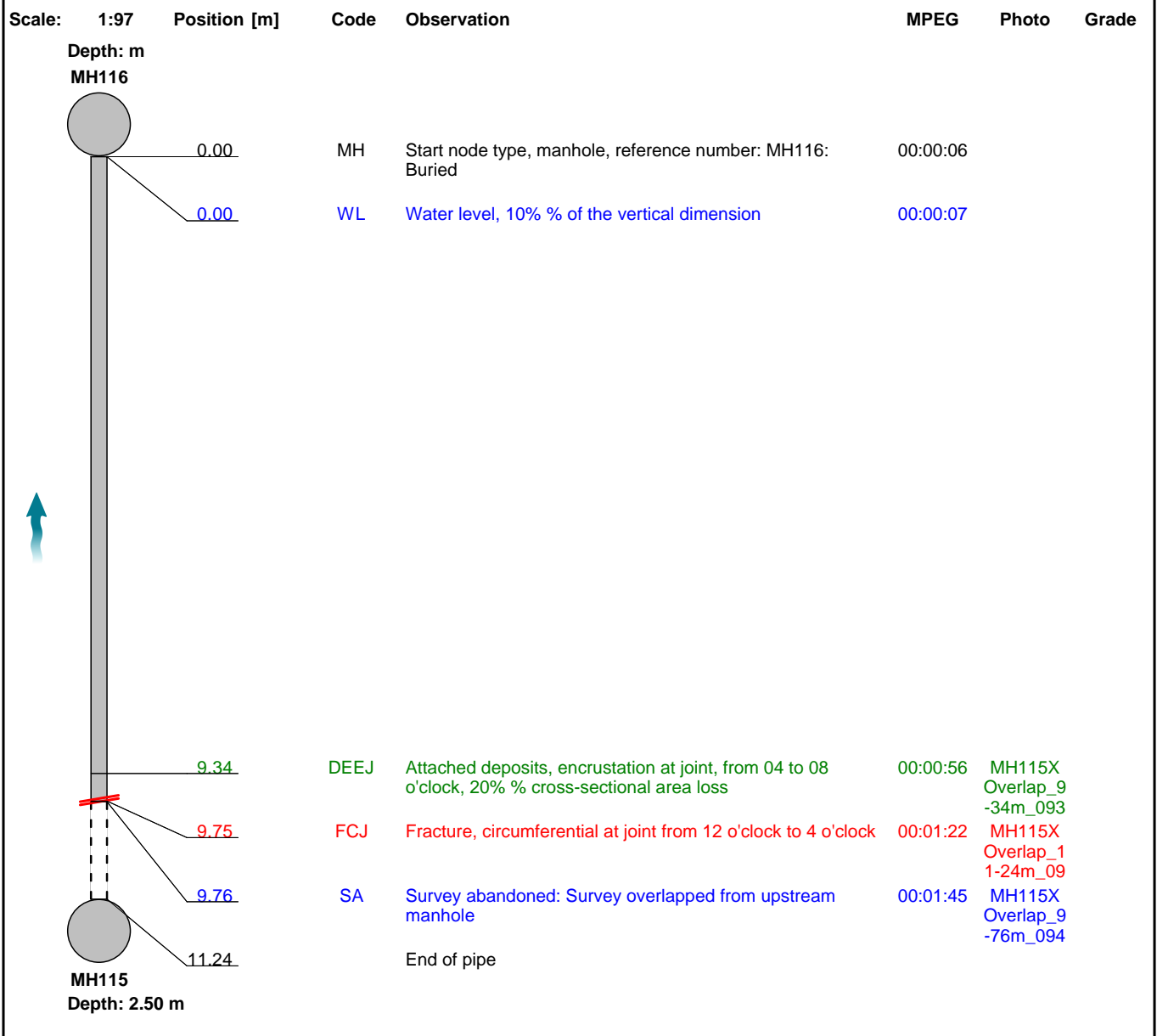
MH115X_15-77m_153454.jpg, 00:02:01, 15.77 m
 Survey abandoned, Risk to equipment. Survey overlapped
 from downstream manhole

Section Inspection - 21/12/2021 - MH115X

Item No. 20	Insp. No. 15	Date 21/12/21	Time 8:50	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH115X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Lostock Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 9.76 m 11.24 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH115 2.500 m MH116 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining	

Comments:
Recommendations:



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

Section Pictures - 21/12/2021 - MH115X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Upstream	MH115X	B5254	



MH115X Overlap_9-34m_093914.jpg, 00:00:56, 9.34 m
 Attached deposits, encrustation at joint, from 04 to 08 o'clock,
 20% % cross-sectional area loss



MH115X Overlap_11-24m_093949.jpg, 00:01:22, 9.75 m
 Fracture, circumferential at joint from 12 o'clock to 4 o'clock



MH115X Overlap_9-76m_094025.jpg, 00:01:45, 9.76 m
 Survey abandoned, Survey overlapped from upstream
 manhole

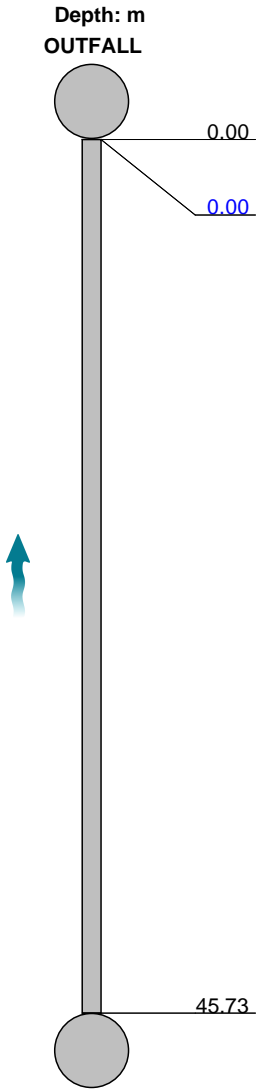
Section Inspection - 21/12/2021 - MH116X

Item No. 21	Insp. No. 16	Date 21/12/21	Time 9:31	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH116X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Lostock Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 45.73 m 45.73 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH116 Not Specified OUTFALL Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining	

Comments:

Recommendations:

Scale:	1:395	Position [m]	Code	Observation	MPEG	Photo	Grade																					
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>OUTFALL</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">OF</td> <td style="width: 45%;">Start node type, outfall, reference number: OUTFALL: River Lostock</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">45.73</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: MH116</td> <td style="text-align: center;">00:03:07</td> <td></td> <td></td> <td>MH116X_45-73m_093641.jpg</td> </tr> </table> </div>								0.00	OF	Start node type, outfall, reference number: OUTFALL: River Lostock	00:00:03				0.00	WL	Water level, 10% % of the vertical dimension	00:00:03				45.73	MHF	Finish node type, manhole, reference number: MH116	00:03:07			MH116X_45-73m_093641.jpg
0.00	OF	Start node type, outfall, reference number: OUTFALL: River Lostock	00:00:03																									
0.00	WL	Water level, 10% % of the vertical dimension	00:00:03																									
45.73	MHF	Finish node type, manhole, reference number: MH116	00:03:07			MH116X_45-73m_093641.jpg																						
Construction Features				Miscellaneous Features																								
Structural Defects				Service & Operational Observations																								
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																			
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																			

Section Pictures - 21/12/2021 - MH116X

Item No. 21	Inspection Direction Upstream	PLR MH116X	Client's Job Ref B5254	Contractor's Job Ref
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MH116X_45-73m_093641.jpg, 00:03:07, 45.73 m
 Finish node type, manhole, reference number: MH116

Section Inspection - 21/12/2021 - DITCH5X

Item No. 22	Insp. No. 17	Date 21/12/21	Time 10:17	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR DITCH5X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Lostock Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 8.22 m 8.22 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH5 Not Specified MH117 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining		

Comments:
Recommendations:

Scale:	1:71	Position [m]	Code	Observation	MPEG	Photo	Grade																							
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="margin: 0;">Depth: m</p> <p style="margin: 0;">DITCH5</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">OF</td> <td style="width: 40%;">Start node type, outfall, reference number: DITCH5</td> <td style="width: 10%;">00:00:05</td> <td colspan="4"></td> </tr> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">WL</td> <td style="width: 40%;">Water level, 10% % of the vertical dimension</td> <td style="width: 10%;">00:00:05</td> <td colspan="4"></td> </tr> <tr> <td style="width: 10%;">8.22</td> <td style="width: 10%;">MHF</td> <td style="width: 40%;">Finish node type, manhole, reference number: MH117</td> <td style="width: 10%;">00:01:09</td> <td style="width: 10%;">DITCH5X_8-22m_10</td> <td style="width: 10%;">2315.jpg</td> <td colspan="1"></td> </tr> </table> </div>								0.00	OF	Start node type, outfall, reference number: DITCH5	00:00:05					0.00	WL	Water level, 10% % of the vertical dimension	00:00:05					8.22	MHF	Finish node type, manhole, reference number: MH117	00:01:09	DITCH5X_8-22m_10	2315.jpg	
0.00	OF	Start node type, outfall, reference number: DITCH5	00:00:05																											
0.00	WL	Water level, 10% % of the vertical dimension	00:00:05																											
8.22	MHF	Finish node type, manhole, reference number: MH117	00:01:09	DITCH5X_8-22m_10	2315.jpg																									
Construction Features				Miscellaneous Features																										
Structural Defects				Service & Operational Observations																										
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																					
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																					

Section Pictures - 21/12/2021 - DITCH5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	DITCH5X	B5254	



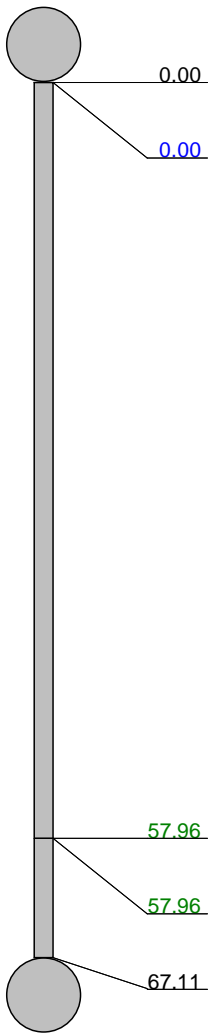
DITCH5X_8-22m_102315.jpg, 00:01:09, 8.22 m
 Finish node type, manhole, reference number: MH117

Section Inspection - 21/12/2021 - MH117X

Item No. 23	Insp. No. 18	Date 21/12/21	Time 10:23	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH117X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Lostock Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 67.11 m 67.11 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH117 Not Specified MH115 2.500 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining	

Comments:
Recommendations:

Scale:	1:579	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div style="display: flex; align-items: center;"> <div style="text-align: center; width: 15%;"> <p>Depth: m</p> <p>MH117</p>  </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH117</td> <td style="text-align: center;">00:00:05</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: center;">00:00:06</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">57.96</td> <td style="text-align: center;">DEEJ</td> <td>Attached deposits, encrustation at joint, from 10 to 12 o'clock, 5% % cross-sectional area loss</td> <td style="text-align: center;">00:04:56</td> <td>MH117X_57-96m_1</td> <td>03611.jpg</td> <td></td> </tr> <tr> <td style="text-align: center;">57.96</td> <td style="text-align: center;">IDJ</td> <td>Infiltration, dripping at joint, from 10 to 12 o'clock</td> <td style="text-align: center;">00:04:59</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">67.11</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: MH115</td> <td style="text-align: center;">00:06:08</td> <td>MH117X_67-11m_1</td> <td>03755.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH117	00:00:05				0.00	WL	Water level, 10% % of the vertical dimension	00:00:06				57.96	DEEJ	Attached deposits, encrustation at joint, from 10 to 12 o'clock, 5% % cross-sectional area loss	00:04:56	MH117X_57-96m_1	03611.jpg		57.96	IDJ	Infiltration, dripping at joint, from 10 to 12 o'clock	00:04:59				67.11	MHF	Finish node type, manhole, reference number: MH115	00:06:08	MH117X_67-11m_1	03755.jpg	
0.00	MH	Start node type, manhole, reference number: MH117	00:00:05																																							
0.00	WL	Water level, 10% % of the vertical dimension	00:00:06																																							
57.96	DEEJ	Attached deposits, encrustation at joint, from 10 to 12 o'clock, 5% % cross-sectional area loss	00:04:56	MH117X_57-96m_1	03611.jpg																																					
57.96	IDJ	Infiltration, dripping at joint, from 10 to 12 o'clock	00:04:59																																							
67.11	MHF	Finish node type, manhole, reference number: MH115	00:06:08	MH117X_67-11m_1	03755.jpg																																					
Construction Features				Miscellaneous Features																																						
Structural Defects				Service & Operational Observations																																						
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																																	
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																																	

Section Pictures - 21/12/2021 - MH117X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
23	Downstream	MH117X	B5254	



MH117X_57-96m_103611.jpg, 00:04:56, 57.96 m
 Attached deposits, encrustation at joint, from 10 to 12 o'clock,
 5% % cross-sectional area loss



MH117X_67-11m_103755.jpg, 00:06:08, 67.11 m
 Finish node type, manhole, reference number: MH115

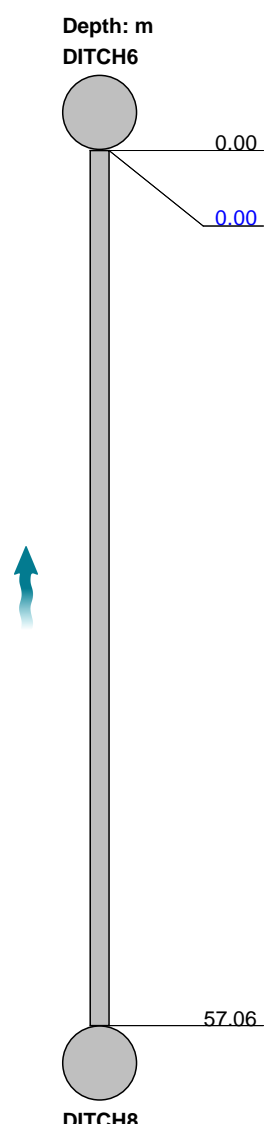
Section Inspection - 21/12/2021 - DITCH8X

Item No. 24	Insp. No. 19	Date 21/12/21	Time 13:14	Client's Job Ref B5254	Weather Rain	Pre Cleaned Yes	PLR DITCH8X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall M65 Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 57.06 m 57.06 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	DITCH8 Not Specified DITCH6 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 900 mm Concrete No Lining No Lining	

Comments:

Recommendations:

Scale:	1:492	Position [m]	Code	Observation	MPEG	Photo	Grade																					
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m DITCH6</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">0.00</td> <td style="width: 5%;">OF</td> <td style="width: 45%;">Start node type, outfall, reference number: DITCH6</td> <td style="width: 10%;">00:00:04</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="width: 15%;">0.00</td> <td style="width: 5%;">WL</td> <td style="width: 45%;">Water level, 20% % of the vertical dimension</td> <td style="width: 10%;">00:00:04</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="width: 15%;">57.06</td> <td style="width: 5%;">OFF</td> <td style="width: 45%;">Finish node type, outfall, reference number: DITCH8</td> <td style="width: 10%;">00:03:19</td> <td></td> <td>DITCH8X_57-06m_1</td> <td>35700.jpg</td> </tr> </table> </div>								0.00	OF	Start node type, outfall, reference number: DITCH6	00:00:04				0.00	WL	Water level, 20% % of the vertical dimension	00:00:04				57.06	OFF	Finish node type, outfall, reference number: DITCH8	00:03:19		DITCH8X_57-06m_1	35700.jpg
0.00	OF	Start node type, outfall, reference number: DITCH6	00:00:04																									
0.00	WL	Water level, 20% % of the vertical dimension	00:00:04																									
57.06	OFF	Finish node type, outfall, reference number: DITCH8	00:03:19		DITCH8X_57-06m_1	35700.jpg																						
Construction Features				Miscellaneous Features																								
Structural Defects				Service & Operational Observations																								
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																			
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																			

Section Pictures - 21/12/2021 - DITCH8X

Item No. 24	Inspection Direction Upstream	PLR DITCH8X	Client's Job Ref B5254	Contractor's Job Ref
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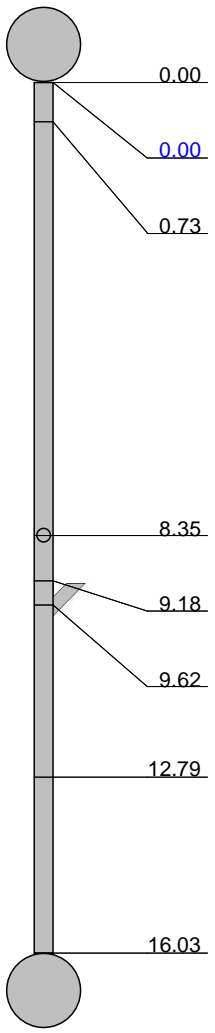
DITCH8X_57-06m_135700.jpg, 00:03:19, 57.06 m
 Finish node type, outfall, reference number: DITCH8

Section Inspection - 22/12/2021 - MH6X

Item No. 25	Insp. No. 20	Date 22/12/21	Time 13:47	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH6X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Lostock Hall	Inspection Direction: Downstream	Upstream Node: MH6
Road: Stanifield Lane	Inspected Length: 16.03 m	Upstream Pipe Depth: 1.840 m
Location: Road	Total Length: 16.03 m	Downstream Node: MH108
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Culverted watercourse	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 300 mm	
Flow Control: No flow control	Pipe Material: Polyvinyl chloride	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

Comments:
Recommendations:

Scale:	1:139	Position [m]	Code	Observation	MPEG	Photo	Grade																																
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 1.84 m</p> <p style="text-align: center;">MH6</p>  <p style="text-align: center;">MH108</p> <p style="text-align: center;">Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH6</td> <td style="text-align: right;">00:00:02</td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: right;">00:00:03</td> </tr> <tr> <td style="text-align: right;">0.73</td> <td style="text-align: center;">MCCO</td> <td>Material changes to concrete</td> <td style="text-align: right;">00:00:11</td> </tr> <tr> <td style="text-align: right;">8.35</td> <td style="text-align: center;">CNC</td> <td>Connection other than junction, closed, at 12 o'clock, diameter: 150 mm</td> <td style="text-align: right;">00:00:59</td> </tr> <tr> <td style="text-align: right;">9.18</td> <td style="text-align: center;">SR</td> <td>Sealing ring intruding, intruding but not hanging, from 07 to 11 o'clock</td> <td style="text-align: right;">00:01:08</td> </tr> <tr> <td style="text-align: right;">9.62</td> <td style="text-align: center;">CN</td> <td>Connection other than junction, at 11 o'clock, diameter: 150 mm</td> <td style="text-align: right;">00:01:19</td> </tr> <tr> <td style="text-align: right;">12.79</td> <td style="text-align: center;">SR</td> <td>Sealing ring intruding, intruding but not hanging, from 10 to 02 o'clock</td> <td style="text-align: right;">00:01:44</td> </tr> <tr> <td style="text-align: right;">16.03</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: MH108</td> <td style="text-align: right;">00:02:18</td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH6	00:00:02	0.00	WL	Water level, 10% % of the vertical dimension	00:00:03	0.73	MCCO	Material changes to concrete	00:00:11	8.35	CNC	Connection other than junction, closed, at 12 o'clock, diameter: 150 mm	00:00:59	9.18	SR	Sealing ring intruding, intruding but not hanging, from 07 to 11 o'clock	00:01:08	9.62	CN	Connection other than junction, at 11 o'clock, diameter: 150 mm	00:01:19	12.79	SR	Sealing ring intruding, intruding but not hanging, from 10 to 02 o'clock	00:01:44	16.03	MHF	Finish node type, manhole, reference number: MH108	00:02:18
0.00	MH	Start node type, manhole, reference number: MH6	00:00:02																																				
0.00	WL	Water level, 10% % of the vertical dimension	00:00:03																																				
0.73	MCCO	Material changes to concrete	00:00:11																																				
8.35	CNC	Connection other than junction, closed, at 12 o'clock, diameter: 150 mm	00:00:59																																				
9.18	SR	Sealing ring intruding, intruding but not hanging, from 07 to 11 o'clock	00:01:08																																				
9.62	CN	Connection other than junction, at 11 o'clock, diameter: 150 mm	00:01:19																																				
12.79	SR	Sealing ring intruding, intruding but not hanging, from 10 to 02 o'clock	00:01:44																																				
16.03	MHF	Finish node type, manhole, reference number: MH108	00:02:18																																				
Construction Features				Miscellaneous Features																																			
Structural Defects				Service & Operational Observations																																			
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																														
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																														

Section Pictures - 22/12/2021 - MH6X

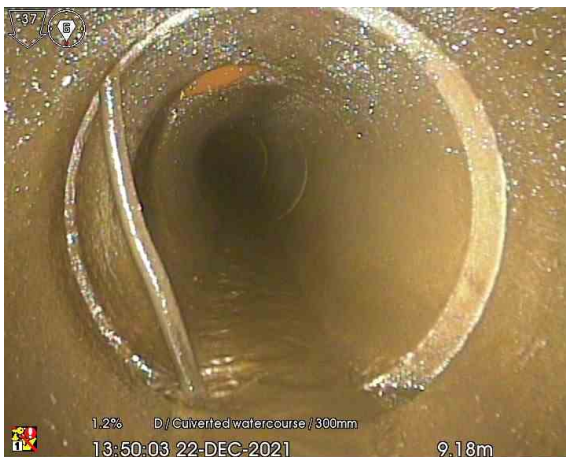
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Downstream	MH6X	B5254	



MH6X_0-73m_134836.jpg, 00:00:11, 0.73 m
 Material changes to concrete



MH6X_8-35m_134931.jpg, 00:00:59, 8.35 m
 Connection other than junction, closed, at 12 o'clock, diameter: 150 mm



MH6X_9-18m_135003.jpg, 00:01:08, 9.18 m
 Sealing ring intruding, intruding but not hanging, from 07 to 11 o'clock



MH6X_9-62m_135023.jpg, 00:01:19, 9.62 m
 Connection other than junction, at 11 o'clock, diameter: 150 mm

Section Pictures - 22/12/2021 - MH6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Downstream	MH6X	B5254	



MH6X_12-79m_135108.jpg, 00:01:44, 12.79 m
 Sealing ring intruding, intruding but not hanging, from 10 to 02 o'clock



MH6X_16-03m_135148.jpg, 00:02:18, 16.03 m
 Finish node type, manhole, reference number: MH108

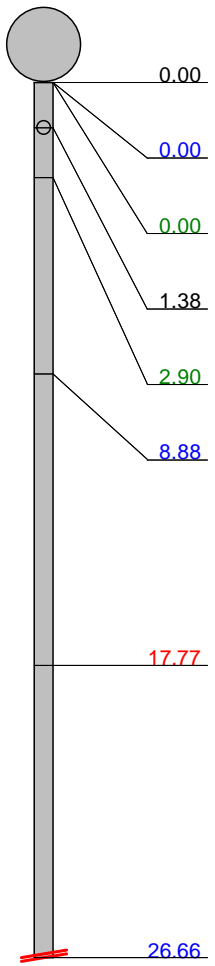
Section Inspection - 22/12/2021 - MH3X

Item No. 26	Insp. No. 21	Date 22/12/21	Time 13:54	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH3X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 26.66 m 26.66 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH3 Not Specified MH6 1.840 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 225 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:

Recommendations:

Scale:	1:230	Position [m]	Code	Observation	MPEG	Photo	Grade																																																								
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="margin-bottom: 5px;">Depth: 1.84 m</p> <p style="margin-bottom: 5px;">MH6</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 10px;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: MH6</td> <td style="width: 10%;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 20% % of the vertical dimension</td> <td>00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>DES</td> <td>Settled deposits, fine, 10% % cross-sectional area loss</td> <td>00:00:04</td> <td>MH3X_0-0 0m_14031 0.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">1.38</td> <td></td> <td>JN</td> <td>Junction, at 12 o'clock, diameter: 150 mm</td> <td>00:00:15</td> <td>MH3X_1-3 8m_14032 9.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">2.90</td> <td></td> <td>DEC</td> <td>Settled deposits, hard or compacted, 20% % cross-sectional area loss</td> <td>00:00:28</td> <td>MH3X_2-9 0m_14035 0.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">8.88</td> <td></td> <td>WL</td> <td>Water level, 5% % of the vertical dimension</td> <td>00:01:21</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">17.77</td> <td></td> <td>OJM</td> <td>Open joint, medium</td> <td>00:02:26</td> <td>MH3X_17- 77m_1405 59.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">26.66</td> <td></td> <td>SA</td> <td>Survey abandoned: Can no longer push rock any further. The rock is getting stuck on the joint.</td> <td>00:04:09</td> <td>MH3X_26- 66m_1408 01.jpg</td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: MH6	00:00:03			0.00		WL	Water level, 20% % of the vertical dimension	00:00:03			0.00		DES	Settled deposits, fine, 10% % cross-sectional area loss	00:00:04	MH3X_0-0 0m_14031 0.jpg		1.38		JN	Junction, at 12 o'clock, diameter: 150 mm	00:00:15	MH3X_1-3 8m_14032 9.jpg		2.90		DEC	Settled deposits, hard or compacted, 20% % cross-sectional area loss	00:00:28	MH3X_2-9 0m_14035 0.jpg		8.88		WL	Water level, 5% % of the vertical dimension	00:01:21			17.77		OJM	Open joint, medium	00:02:26	MH3X_17- 77m_1405 59.jpg		26.66		SA	Survey abandoned: Can no longer push rock any further. The rock is getting stuck on the joint.	00:04:09	MH3X_26- 66m_1408 01.jpg	
0.00		MH	Start node type, manhole, reference number: MH6	00:00:03																																																											
0.00		WL	Water level, 20% % of the vertical dimension	00:00:03																																																											
0.00		DES	Settled deposits, fine, 10% % cross-sectional area loss	00:00:04	MH3X_0-0 0m_14031 0.jpg																																																										
1.38		JN	Junction, at 12 o'clock, diameter: 150 mm	00:00:15	MH3X_1-3 8m_14032 9.jpg																																																										
2.90		DEC	Settled deposits, hard or compacted, 20% % cross-sectional area loss	00:00:28	MH3X_2-9 0m_14035 0.jpg																																																										
8.88		WL	Water level, 5% % of the vertical dimension	00:01:21																																																											
17.77		OJM	Open joint, medium	00:02:26	MH3X_17- 77m_1405 59.jpg																																																										
26.66		SA	Survey abandoned: Can no longer push rock any further. The rock is getting stuck on the joint.	00:04:09	MH3X_26- 66m_1408 01.jpg																																																										

Construction Features

Miscellaneous Features

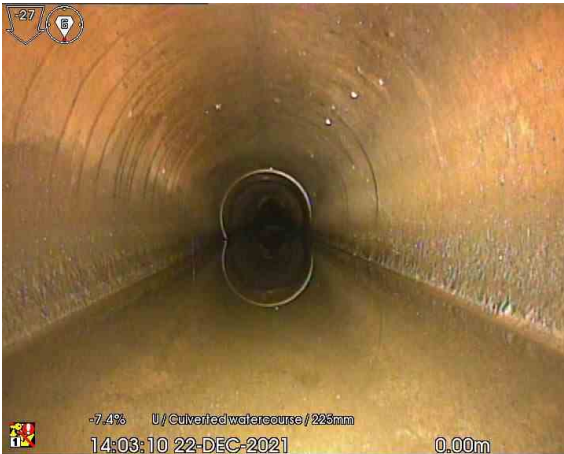
Structural Defects

Service & Operational Observations

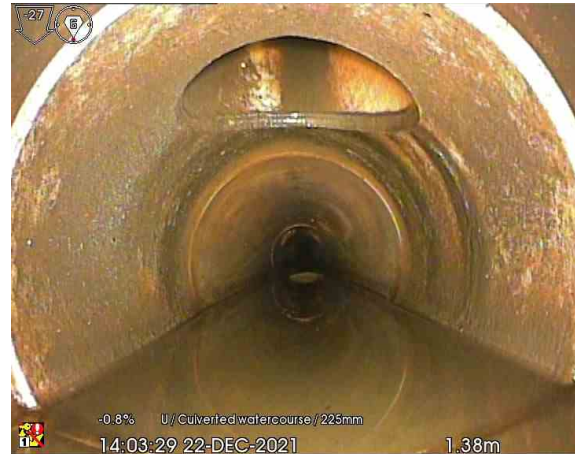
STR No.	Def	STR Peak	STR Mean	STR Total	STR Grade	SER No.	Def	SER Peak	SER Mean	SER Total	SER Grade
0		0.0	0.0	0.0	0.0	0		0.0	0.0	0.0	0.0

Section Pictures - 22/12/2021 - MH3X

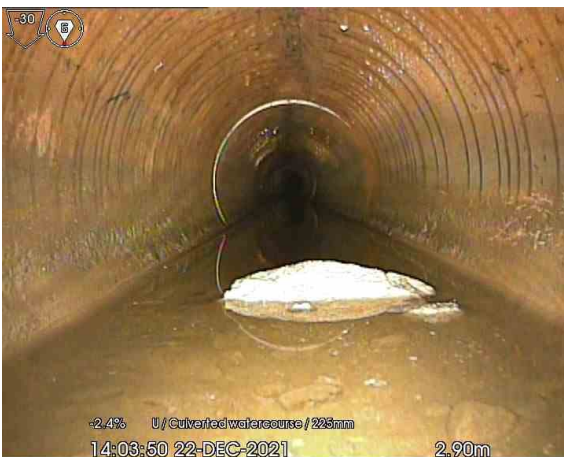
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
26	Upstream	MH3X	B5254	



MH3X_0-00m_140310.jpg, 00:00:04, 0.00 m
 Settled deposits, fine, 10% % cross-sectional area loss



MH3X_1-38m_140329.jpg, 00:00:15, 1.38 m
 Junction, at 12 o'clock, diameter: 150 mm



MH3X_2-90m_140350.jpg, 00:00:28, 2.90 m
 Settled deposits, hard or compacted, 20% % cross-sectional area loss



MH3X_17-77m_140559.jpg, 00:02:26, 17.77 m
 Open joint, medium

Section Pictures - 22/12/2021 - MH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
26	Upstream	MH3X	B5254	



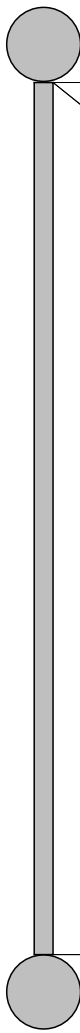
MH3X_26-66m_140801.jpg, 00:04:09, 26.66 m
 Survey abandoned, Can no longer push rock any further. The rock is getting stuck on the joint.

Section Inspection - 22/12/2021 - MH108X

Item No. 27	Insp. No. 22	Date 22/12/21	Time 14:32	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH108X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 29.12 m 29.12 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH108 2.520 m CP4 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining	

Comments:
Recommendations:

Scale:	1:252	Position [m]	Code	Observation	MPEG	Photo	Grade																					
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: 2.52 m</p> <p>MH108</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 15%;"></td> <td style="width: 5%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH108</td> <td style="width: 10%; text-align: center;">00:00:05</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: center;">00:00:06</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">29.12</td> <td></td> <td>CPF</td> <td>Finish node type, catchpit, reference number: CP4</td> <td style="text-align: center;">00:02:37</td> <td>MH108X_29-12m_1</td> <td>43834.jpg</td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: MH108	00:00:05			0.00		WL	Water level, 10% % of the vertical dimension	00:00:06			29.12		CPF	Finish node type, catchpit, reference number: CP4	00:02:37	MH108X_29-12m_1	43834.jpg
0.00		MH	Start node type, manhole, reference number: MH108	00:00:05																								
0.00		WL	Water level, 10% % of the vertical dimension	00:00:06																								
29.12		CPF	Finish node type, catchpit, reference number: CP4	00:02:37	MH108X_29-12m_1	43834.jpg																						
Construction Features				Miscellaneous Features																								
Structural Defects				Service & Operational Observations																								
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																			
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																			

Section Pictures - 22/12/2021 - MH108X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
27	Downstream	MH108X	B5254	



MH108X_29-12m_143834.jpg, 00:02:37, 29.12 m
Finish node type, catchpit, reference number: CP4

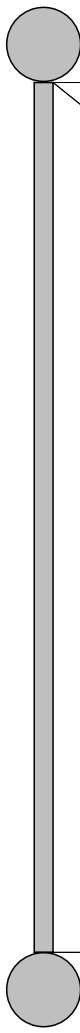
Section Inspection - 22/12/2021 - CP4X

Item No. 28	Insp. No. 23	Date 22/12/21	Time 14:40	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR CP4X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 6.34 m 6.34 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	CP4 Not Specified MH7 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining	

Comments:

Recommendations:

Scale:	1:55	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>CP4</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">CP</td> <td style="width: 45%;">Start node type, catchpit, reference number: CP4</td> <td style="width: 10%; text-align: center;">00:00:04</td> <td colspan="4"></td> </tr> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">WL</td> <td style="width: 45%;">Water level, 10% % of the vertical dimension</td> <td style="width: 10%; text-align: center;">00:00:04</td> <td colspan="4"></td> </tr> <tr> <td style="width: 15%; text-align: center;">6.34</td> <td style="width: 5%; text-align: center;">MHF</td> <td style="width: 45%;">Finish node type, manhole, reference number: MH7</td> <td style="width: 10%; text-align: center;">00:00:41</td> <td style="width: 10%;">CP4X_6-3</td> <td style="width: 10%;">4m_14420</td> <td style="width: 10%;">8.jpg</td> <td></td> </tr> </table> </div>								0.00	CP	Start node type, catchpit, reference number: CP4	00:00:04					0.00	WL	Water level, 10% % of the vertical dimension	00:00:04					6.34	MHF	Finish node type, manhole, reference number: MH7	00:00:41	CP4X_6-3	4m_14420	8.jpg	
0.00	CP	Start node type, catchpit, reference number: CP4	00:00:04																												
0.00	WL	Water level, 10% % of the vertical dimension	00:00:04																												
6.34	MHF	Finish node type, manhole, reference number: MH7	00:00:41	CP4X_6-3	4m_14420	8.jpg																									
Construction Features				Miscellaneous Features																											
Structural Defects				Service & Operational Observations																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																						

Section Pictures - 22/12/2021 - CP4X

Item No. 28	Inspection Direction Downstream	PLR CP4X	Client's Job Ref B5254	Contractor's Job Ref
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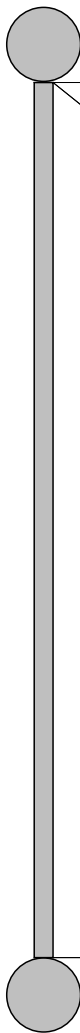
CP4X_6-34m_144208.jpg, 00:00:41, 6.34 m
 Finish node type, manhole, reference number: MH7

Section Inspection - 22/12/2021 - MH7X

Item No. 29	Insp. No. 24	Date 22/12/21	Time 14:43	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH7X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 31.20 m 31.20 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH7 Not Specified MH109 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition		Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining	

Comments:
Recommendations:

Scale:	1:269	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>MH7</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: MH7</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">WL</td> <td style="width: 40%;">Water level, 10% % of the vertical dimension</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="width: 15%; text-align: center;">31.20</td> <td style="width: 5%; text-align: center;">MHF</td> <td style="width: 40%;">Finish node type, manhole, reference number: MH109</td> <td style="width: 10%; text-align: center;">00:02:23</td> <td style="width: 10%;">MH7X_31-20m_1447</td> <td style="width: 10%;">32.jpg</td> <td colspan="2"></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH7	00:00:03					0.00	WL	Water level, 10% % of the vertical dimension	00:00:03					31.20	MHF	Finish node type, manhole, reference number: MH109	00:02:23	MH7X_31-20m_1447	32.jpg		
0.00	MH	Start node type, manhole, reference number: MH7	00:00:03																												
0.00	WL	Water level, 10% % of the vertical dimension	00:00:03																												
31.20	MHF	Finish node type, manhole, reference number: MH109	00:02:23	MH7X_31-20m_1447	32.jpg																										
Construction Features				Miscellaneous Features																											
Structural Defects				Service & Operational Observations																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																						

Section Pictures - 22/12/2021 - MH7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
29	Downstream	MH7X	B5254	



MH7X_31-20m_144732.jpg, 00:02:23, 31.20 m
 Finish node type, manhole, reference number: MH109



Section Inspection - 22/12/2021 - MH109X

Item No. 30	Insp. No. 25	Date 22/12/21	Time 14:56	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH109X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 21.63 m 21.63 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH109 Not Specified MH110 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining		

Comments:
Recommendations:

Scale:	1:187	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>MH109</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 15%;"></td> <td style="width: 10%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH109</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">3.70</td> <td></td> <td>OBX</td> <td>Other obstacles in invert, from 05 to 07 o'clock, 10% % cross-sectional area loss: Rock</td> <td style="text-align: center;">00:00:20</td> <td>MH109X_3-70m_150004.jpg</td> <td></td> </tr> <tr> <td style="text-align: center;">21.63</td> <td></td> <td>MHF</td> <td>Finish node type, manhole, reference number: MH110</td> <td style="text-align: center;">00:01:32</td> <td>MH109X_21-63m_150121.jpg</td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: MH109	00:00:03			0.00		WL	Water level, 10% % of the vertical dimension	00:00:03			3.70		OBX	Other obstacles in invert, from 05 to 07 o'clock, 10% % cross-sectional area loss: Rock	00:00:20	MH109X_3-70m_150004.jpg		21.63		MHF	Finish node type, manhole, reference number: MH110	00:01:32	MH109X_21-63m_150121.jpg	
0.00		MH	Start node type, manhole, reference number: MH109	00:00:03																															
0.00		WL	Water level, 10% % of the vertical dimension	00:00:03																															
3.70		OBX	Other obstacles in invert, from 05 to 07 o'clock, 10% % cross-sectional area loss: Rock	00:00:20	MH109X_3-70m_150004.jpg																														
21.63		MHF	Finish node type, manhole, reference number: MH110	00:01:32	MH109X_21-63m_150121.jpg																														
Construction Features				Miscellaneous Features																															
Structural Defects				Service & Operational Observations																															
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																										
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																										

Section Pictures - 22/12/2021 - MH109X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
30	Downstream	MH109X	B5254	



MH109X_3-70m_150004.jpg, 00:00:20, 3.70 m
 Other obstacles in invert, from 05 to 07 o'clock, 10% %
 cross-sectional area loss, Rock



MH109X_21-63m_150121.jpg, 00:01:32, 21.63 m
 Finish node type, manhole, reference number: MH110

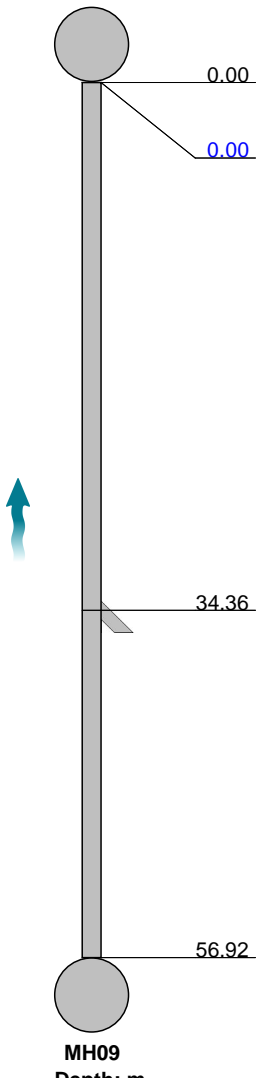
Section Inspection - 22/12/2021 - MH09X

Item No. 31	Insp. No. 26	Date 22/12/21	Time 15:12	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH09X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 56.92 m 56.92 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH09 Not Specified MH108 2.520 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining		

Comments:

Recommendations:

Scale:	1:491	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																
<div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">Depth: 2.52 m</td> <td colspan="7"></td> </tr> <tr> <td>MH108</td> <td colspan="7"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="width: 5%;">MH</td> <td colspan="3">Start node type, manhole, reference number: MH108</td> <td style="width: 10%;">00:00:03</td> <td colspan="2"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td>WL</td> <td colspan="3">Water level, 10% % of the vertical dimension</td> <td>00:00:03</td> <td colspan="2"></td> </tr> <tr> <td style="text-align: center;">34.36</td> <td>CN</td> <td colspan="3">Connection other than junction, at 10 o'clock, diameter: 150 mm</td> <td>00:02:13</td> <td>MH09X_3 4-36m_15 1635.jpg</td> <td></td> </tr> <tr> <td style="text-align: center;">56.92</td> <td>MHF</td> <td colspan="3">Finish node type, manhole, reference number: MH09</td> <td>00:03:53</td> <td>MH09X_5 6-92m_15 1821.jpg</td> <td></td> </tr> <tr> <td>MH09</td> <td colspan="7"></td> </tr> <tr> <td>Depth: m</td> <td colspan="7"></td> </tr> </table> </div>								Depth: 2.52 m								MH108								0.00	MH	Start node type, manhole, reference number: MH108			00:00:03			0.00	WL	Water level, 10% % of the vertical dimension			00:00:03			34.36	CN	Connection other than junction, at 10 o'clock, diameter: 150 mm			00:02:13	MH09X_3 4-36m_15 1635.jpg		56.92	MHF	Finish node type, manhole, reference number: MH09			00:03:53	MH09X_5 6-92m_15 1821.jpg		MH09								Depth: m							
Depth: 2.52 m																																																																							
MH108																																																																							
0.00	MH	Start node type, manhole, reference number: MH108			00:00:03																																																																		
0.00	WL	Water level, 10% % of the vertical dimension			00:00:03																																																																		
34.36	CN	Connection other than junction, at 10 o'clock, diameter: 150 mm			00:02:13	MH09X_3 4-36m_15 1635.jpg																																																																	
56.92	MHF	Finish node type, manhole, reference number: MH09			00:03:53	MH09X_5 6-92m_15 1821.jpg																																																																	
MH09																																																																							
Depth: m																																																																							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 22/12/2021 - MH09X

Item No. 31	Inspection Direction Upstream	PLR MH09X	Client's Job Ref B5254	Contractor's Job Ref
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MH09X_34-36m_151635.jpg, 00:02:13, 34.36 m
 Connection other than junction, at 10 o'clock, diameter: 150 mm



MH09X_56-92m_151821.jpg, 00:03:53, 56.92 m
 Finish node type, manhole, reference number: MH09

Section Inspection - 23/12/2021 - MH110X

Item No. 32	Insp. No. 27	Date 23/12/21	Time 8:24	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH110X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Downstream	Upstream Node:	MH110
Road:	Stanifield Lane	Inspected Length:	28.88 m	Upstream Pipe Depth:	2.350 m
Location:	A footway beside a road	Total Length:	28.88 m	Downstream Node:	MH111
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Culverted watercourse	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	600 mm		
Flow Control:	No flow control	Pipe Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:249	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: 2.35 m					
		MH110					
		0.00	MH	Start node type, manhole, reference number: MH110	00:00:03		
		0.00	WL	Water level, 10% % of the vertical dimension	00:00:04		
		11.98	CN	Connection other than junction, at 10 o'clock, diameter: 150 mm	00:01:09	MH110X_11-98m_082927.jpg	
		28.88	MHF	Finish node type, manhole, reference number: MH111	00:02:22	MH110X_28-88m_083046.jpg	
		MH111					
		Depth: m					

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

Section Pictures - 23/12/2021 - MH110X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
32	Downstream	MH110X	B5254	



MH110X_11-98m_082927.jpg, 00:01:09, 11.98 m
 Connection other than junction, at 10 o'clock, diameter: 150 mm



MH110X_28-88m_083046.jpg, 00:02:22, 28.88 m
 Finish node type, manhole, reference number: MH111

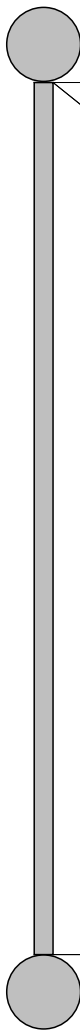
Section Inspection - 23/12/2021 - MH111X

Item No. 33	Insp. No. 28	Date 23/12/21	Time 8:31	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH111X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 6.70 m 6.70 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH111 Not Specified MH112 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining		

Comments:

Recommendations:

Scale:	1:58	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>MH111</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">0.00</td> <td style="width: 5%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: MH111</td> <td style="width: 10%;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="width: 15%;">0.00</td> <td style="width: 5%;">WL</td> <td style="width: 45%;">Water level, 10% % of the vertical dimension</td> <td style="width: 10%;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="width: 15%;">6.70</td> <td style="width: 5%;">MHF</td> <td style="width: 45%;">Finish node type, manhole, reference number: MH112</td> <td style="width: 10%;">00:00:43</td> <td style="width: 10%;">MH111X_6-70m_08</td> <td style="width: 10%;">3334.jpg</td> <td colspan="2"></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH111	00:00:03					0.00	WL	Water level, 10% % of the vertical dimension	00:00:03					6.70	MHF	Finish node type, manhole, reference number: MH112	00:00:43	MH111X_6-70m_08	3334.jpg		
0.00	MH	Start node type, manhole, reference number: MH111	00:00:03																												
0.00	WL	Water level, 10% % of the vertical dimension	00:00:03																												
6.70	MHF	Finish node type, manhole, reference number: MH112	00:00:43	MH111X_6-70m_08	3334.jpg																										
Construction Features				Miscellaneous Features																											
Structural Defects				Service & Operational Observations																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																						

Section Pictures - 23/12/2021 - MH111X

Item No. 33	Inspection Direction Downstream	PLR MH111X	Client's Job Ref B5254	Contractor's Job Ref
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MH111X_6-70m_083334.jpg, 00:00:43, 6.70 m
 Finish node type, manhole, reference number: MH112

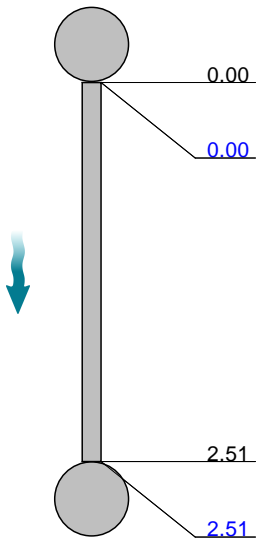
Section Inspection - 23/12/2021 - MH112X

Item No. 34	Insp. No. 29	Date 23/12/21	Time 8:34	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH112X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 2.51 m 2.51 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH112 Not Specified OUTFALL Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 600 mm Concrete No Lining No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: m MH112</p>  <p>OUTFALL Depth: m</p> </div> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: MH112</td> <td style="width: 10%;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="color: blue;">0.00</td> <td style="color: blue;">WL</td> <td style="color: blue;">Water level, 10% % of the vertical dimension</td> <td style="color: blue;">00:00:04</td> <td></td> <td></td> </tr> <tr> <td style="width: 10%;">2.51</td> <td style="width: 10%;">OFF</td> <td style="width: 40%;">Finish node type, outfall, reference number: OUTFALL: Syphon</td> <td style="width: 10%;">00:01:21</td> <td style="width: 10%;">MH112X_2-51m_09 0146.jpg</td> <td></td> </tr> <tr> <td style="color: blue;">2.51</td> <td style="color: blue;">GP</td> <td style="color: blue;">General photograph taken at this point: Possibly a syphon before reducing down into the outfall in the River Lostock. Dye tested to prove the connectivity.</td> <td style="color: blue;">00:01:41</td> <td style="color: blue;">MH112X_2-51m_09 0246.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH112	00:00:03			0.00	WL	Water level, 10% % of the vertical dimension	00:00:04			2.51	OFF	Finish node type, outfall, reference number: OUTFALL: Syphon	00:01:21	MH112X_2-51m_09 0146.jpg		2.51	GP	General photograph taken at this point: Possibly a syphon before reducing down into the outfall in the River Lostock. Dye tested to prove the connectivity.	00:01:41	MH112X_2-51m_09 0246.jpg	
0.00	MH	Start node type, manhole, reference number: MH112	00:00:03																												
0.00	WL	Water level, 10% % of the vertical dimension	00:00:04																												
2.51	OFF	Finish node type, outfall, reference number: OUTFALL: Syphon	00:01:21	MH112X_2-51m_09 0146.jpg																											
2.51	GP	General photograph taken at this point: Possibly a syphon before reducing down into the outfall in the River Lostock. Dye tested to prove the connectivity.	00:01:41	MH112X_2-51m_09 0246.jpg																											
Construction Features				Miscellaneous Features																											
Structural Defects				Service & Operational Observations																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																						

Section Pictures - 23/12/2021 - MH112X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
34	Downstream	MH112X	B5254	



MH112X_2-51m_090146.jpg, 00:01:21, 2.51 m
Finish node type, outfall, reference number: OUTFALL,
Syphon



MH112X_2-51m_090246.jpg, 00:01:41, 2.51 m
General photograph taken at this point, Possibly a syphon
before reducing down into the outfall in the River Lostock. Dye
tested to prove the connectivity.



Section Inspection - 23/12/2021 - MH106X

Item No. 35	Insp. No. 30	Date 23/12/21	Time 9:18	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH106X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Downstream	Upstream Node:	MH106
Road:	Stanifield Lane	Inspected Length:	55.52 m	Upstream Pipe Depth:	2.100 m
Location:	A footway beside a road	Total Length:	55.52 m	Downstream Node:	MH09
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Culverted watercourse	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	525 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:479	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																													
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: 2.10 m</p> <p>MH106</p> <p style="text-align: center;">MH09 Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: MH106</td> <td style="width: 10%;">00:00:02</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="color: blue;">0.00</td> <td style="color: blue;">WL</td> <td style="color: blue;">Water level, 10% % of the vertical dimension</td> <td style="color: blue;">00:00:03</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="color: red;">10.45</td> <td style="color: red;">CLJ</td> <td style="color: red;">Crack, longitudinal at joint, at 01 o'clock</td> <td style="color: red;">00:01:06</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="color: red;">10.45</td> <td style="color: red;">CLJ</td> <td style="color: red;">Crack, longitudinal at joint, at 03 o'clock</td> <td style="color: red;">00:01:07</td> <td></td> <td>MH106X_10-45m_092718.jpg</td> <td></td> </tr> <tr> <td style="color: red;">10.71</td> <td style="color: red;">CLJ</td> <td style="color: red;">Crack, longitudinal at joint, at 11 o'clock</td> <td style="color: red;">00:01:15</td> <td></td> <td>MH106X_10-71m_092734.jpg</td> <td></td> </tr> <tr> <td style="color: red;">12.64</td> <td style="color: red;">CMJ</td> <td style="color: red;">Cracks, multiple at joint, from 08 to 04 o'clock</td> <td style="color: red;">00:01:29</td> <td></td> <td>MH106X_12-64m_092757.jpg</td> <td></td> </tr> <tr> <td style="color: red;">18.25</td> <td style="color: red;">CLJ</td> <td style="color: red;">Crack, longitudinal at joint, at 03 o'clock</td> <td style="color: red;">00:02:09</td> <td></td> <td>MH106X_18-25m_092844.jpg</td> <td></td> </tr> <tr> <td style="color: green;">31.98</td> <td style="color: green;">DEC</td> <td style="color: green;">Settled deposits, hard or compacted, 10% % cross-sectional area loss</td> <td style="color: green;">00:03:14</td> <td></td> <td>MH106X_31-98m_092956.jpg</td> <td></td> </tr> <tr> <td style="color: green;">43.33</td> <td style="color: green;">IRJ</td> <td style="color: green;">Infiltration, running at joint, from 11 to 05 o'clock</td> <td style="color: green;">00:06:01</td> <td></td> <td>MH106X_43-33m_093311.jpg</td> <td></td> </tr> <tr> <td style="color: green;">48.74</td> <td style="color: green;">RTJ</td> <td style="color: green;">Roots, tap at joint</td> <td style="color: green;">00:06:28</td> <td></td> <td>MH106X_48-74m_093344.jpg</td> <td></td> </tr> <tr> <td style="color: green;">55.52</td> <td style="color: green;">MHF</td> <td style="color: green;">Finish node type, manhole, reference number: MH09</td> <td style="color: green;">00:07:11</td> <td></td> <td>MH106X_55-52m_093434.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH106	00:00:02				0.00	WL	Water level, 10% % of the vertical dimension	00:00:03				10.45	CLJ	Crack, longitudinal at joint, at 01 o'clock	00:01:06				10.45	CLJ	Crack, longitudinal at joint, at 03 o'clock	00:01:07		MH106X_10-45m_092718.jpg		10.71	CLJ	Crack, longitudinal at joint, at 11 o'clock	00:01:15		MH106X_10-71m_092734.jpg		12.64	CMJ	Cracks, multiple at joint, from 08 to 04 o'clock	00:01:29		MH106X_12-64m_092757.jpg		18.25	CLJ	Crack, longitudinal at joint, at 03 o'clock	00:02:09		MH106X_18-25m_092844.jpg		31.98	DEC	Settled deposits, hard or compacted, 10% % cross-sectional area loss	00:03:14		MH106X_31-98m_092956.jpg		43.33	IRJ	Infiltration, running at joint, from 11 to 05 o'clock	00:06:01		MH106X_43-33m_093311.jpg		48.74	RTJ	Roots, tap at joint	00:06:28		MH106X_48-74m_093344.jpg		55.52	MHF	Finish node type, manhole, reference number: MH09	00:07:11		MH106X_55-52m_093434.jpg	
0.00	MH	Start node type, manhole, reference number: MH106	00:00:02																																																																																	
0.00	WL	Water level, 10% % of the vertical dimension	00:00:03																																																																																	
10.45	CLJ	Crack, longitudinal at joint, at 01 o'clock	00:01:06																																																																																	
10.45	CLJ	Crack, longitudinal at joint, at 03 o'clock	00:01:07		MH106X_10-45m_092718.jpg																																																																															
10.71	CLJ	Crack, longitudinal at joint, at 11 o'clock	00:01:15		MH106X_10-71m_092734.jpg																																																																															
12.64	CMJ	Cracks, multiple at joint, from 08 to 04 o'clock	00:01:29		MH106X_12-64m_092757.jpg																																																																															
18.25	CLJ	Crack, longitudinal at joint, at 03 o'clock	00:02:09		MH106X_18-25m_092844.jpg																																																																															
31.98	DEC	Settled deposits, hard or compacted, 10% % cross-sectional area loss	00:03:14		MH106X_31-98m_092956.jpg																																																																															
43.33	IRJ	Infiltration, running at joint, from 11 to 05 o'clock	00:06:01		MH106X_43-33m_093311.jpg																																																																															
48.74	RTJ	Roots, tap at joint	00:06:28		MH106X_48-74m_093344.jpg																																																																															
55.52	MHF	Finish node type, manhole, reference number: MH09	00:07:11		MH106X_55-52m_093434.jpg																																																																															

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

Section Pictures - 23/12/2021 - MH106X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
35	Downstream	MH106X	B5254	



MH106X_10-45m_092718.jpg, 00:01:07, 10.45 m
 Crack, longitudinal at joint, at 03 o'clock



MH106X_10-71m_092734.jpg, 00:01:15, 10.71 m
 Crack, longitudinal at joint, at 11 o'clock



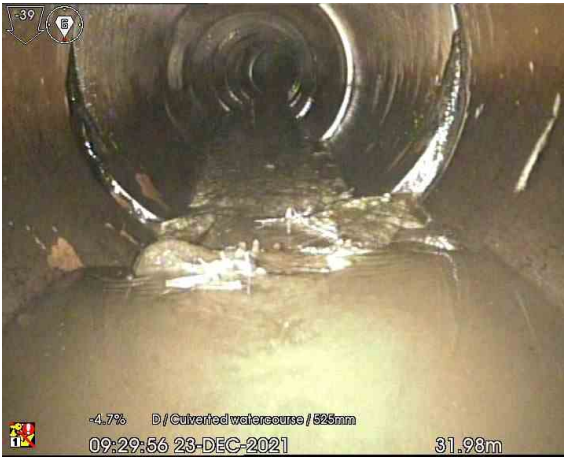
MH106X_12-64m_092757.jpg, 00:01:29, 12.64 m
 Cracks, multiple at joint, from 08 to 04 o'clock



MH106X_18-25m_092844.jpg, 00:02:09, 18.25 m
 Crack, longitudinal at joint, at 03 o'clock

Section Pictures - 23/12/2021 - MH106X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
35	Downstream	MH106X	B5254	



MH106X_31-98m_092956.jpg, 00:03:14, 31.98 m
 Settled deposits, hard or compacted, 10% % cross-sectional area loss



MH106X_43-33m_093311.jpg, 00:06:01, 43.33 m
 Infiltration, running at joint, from 11 to 05 o'clock



MH106X_48-74m_093344.jpg, 00:06:28, 48.74 m
 Roots, tap at joint



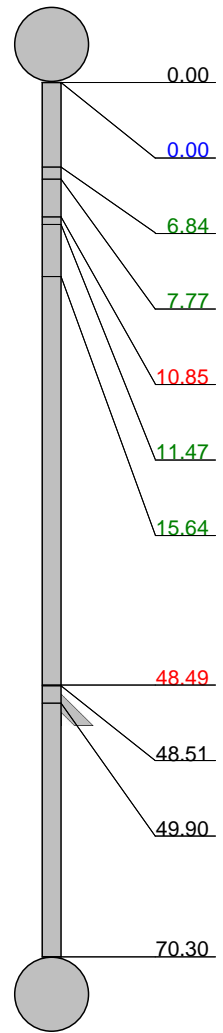
MH106X_55-52m_093434.jpg, 00:07:11, 55.52 m
 Finish node type, manhole, reference number: MH09

Section Inspection - 23/12/2021 - MH105X

Item No. 36	Insp. No. 31	Date 23/12/21	Time 9:42	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH105X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Lostock Hall	Inspection Direction: Upstream	Upstream Node: MH105
Road: Stanifield Lane	Inspected Length: 70.30 m	Upstream Pipe Depth:
Location: A footway beside a road	Total Length: 70.30 m	Downstream Node: MH106
Surface Type: 	Joint Length: 	Downstream Pipe Depth: 2.100 m
Use: Culverted watercourse	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 525 mm	
Flow Control: No flow control	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

Comments:
Recommendations:

Scale:	1:607	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																													
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Depth: 2.10 m MH106</p>  <p style="text-align: center;">MH105 Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH106</td> <td style="text-align: right;">00:00:06</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: blue;">0.00</td> <td style="text-align: center; color: blue;">WL</td> <td style="color: blue;">Water level, 10% % of the vertical dimension</td> <td style="text-align: right; color: blue;">00:00:07</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: green;">6.84</td> <td style="text-align: center; color: green;">RFJ</td> <td style="color: green;">Roots, fine at joint</td> <td style="text-align: right; color: green;">00:00:43</td> <td style="color: green;">MH105X_6-84m_094540.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: green;">7.77</td> <td style="text-align: center; color: green;">RTJ</td> <td style="color: green;">Roots, tap at joint</td> <td style="text-align: right; color: green;">00:00:53</td> <td style="color: green;">MH105X_7-77m_094610.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: red;">10.85</td> <td style="text-align: center; color: red;">CLJ</td> <td style="color: red;">Crack, longitudinal at joint, at 12 o'clock</td> <td style="text-align: right; color: red;">00:01:10</td> <td style="color: red;">MH105X_10-85m_094636.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: green;">11.47</td> <td style="text-align: center; color: green;">IRJ</td> <td style="color: green;">Infiltration, running at joint, from 11 to 04 o'clock</td> <td style="text-align: right; color: green;">00:01:22</td> <td style="color: green;">MH105X_11-47m_094711.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: green;">15.64</td> <td style="text-align: center; color: green;">RFJ</td> <td style="color: green;">Roots, fine at joint</td> <td style="text-align: right; color: green;">00:01:50</td> <td style="color: green;">MH105X_15-64m_094746.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right; color: red;">48.49</td> <td style="text-align: center; color: red;">OJM</td> <td style="color: red;">Open joint, medium</td> <td style="text-align: right; color: red;">00:04:16</td> <td style="color: red;">MH105X_48-49m_095020.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">48.51</td> <td style="text-align: center;">SV</td> <td>Soil visible beyond defect</td> <td style="text-align: right;">00:04:24</td> <td>MH105X_48-51m_095034.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">49.90</td> <td style="text-align: center;">CN</td> <td>Connection other than junction, at 10 o'clock, diameter: 150 mm</td> <td style="text-align: right;">00:04:36</td> <td>MH105X_49-90m_095058.jpg</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">70.30</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: MH105</td> <td style="text-align: right;">00:07:13</td> <td>MH105X_70-30m_095342.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH106	00:00:06				0.00	WL	Water level, 10% % of the vertical dimension	00:00:07				6.84	RFJ	Roots, fine at joint	00:00:43	MH105X_6-84m_094540.jpg			7.77	RTJ	Roots, tap at joint	00:00:53	MH105X_7-77m_094610.jpg			10.85	CLJ	Crack, longitudinal at joint, at 12 o'clock	00:01:10	MH105X_10-85m_094636.jpg			11.47	IRJ	Infiltration, running at joint, from 11 to 04 o'clock	00:01:22	MH105X_11-47m_094711.jpg			15.64	RFJ	Roots, fine at joint	00:01:50	MH105X_15-64m_094746.jpg			48.49	OJM	Open joint, medium	00:04:16	MH105X_48-49m_095020.jpg			48.51	SV	Soil visible beyond defect	00:04:24	MH105X_48-51m_095034.jpg			49.90	CN	Connection other than junction, at 10 o'clock, diameter: 150 mm	00:04:36	MH105X_49-90m_095058.jpg			70.30	MHF	Finish node type, manhole, reference number: MH105	00:07:13	MH105X_70-30m_095342.jpg		
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70.30	MHF	Finish node type, manhole, reference number: MH105	00:07:13	MH105X_70-30m_095342.jpg																																																																																

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

Section Pictures - 23/12/2021 - MH105X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
36	Upstream	MH105X	B5254	



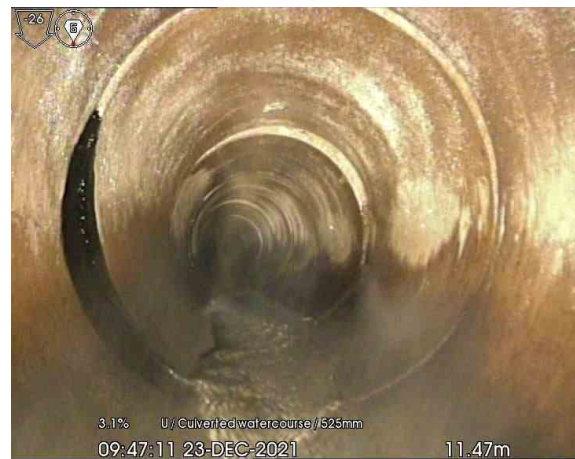
MH105X_6-84m_094540.jpg, 00:00:43, 6.84 m
 Roots, fine at joint



MH105X_7-77m_094610.jpg, 00:00:53, 7.77 m
 Roots, tap at joint



MH105X_10-85m_094636.jpg, 00:01:10, 10.85 m
 Crack, longitudinal at joint, at 12 o'clock



MH105X_11-47m_094711.jpg, 00:01:22, 11.47 m
 Infiltration, running at joint, from 11 to 04 o'clock

Section Pictures - 23/12/2021 - MH105X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
36	Upstream	MH105X	B5254	



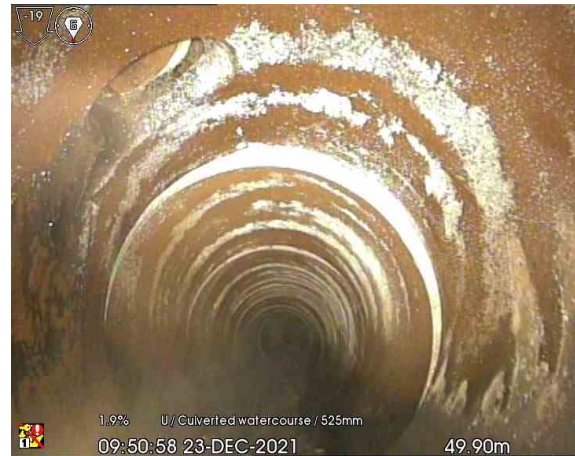
MH105X_15-64m_094746.jpg, 00:01:50, 15.64 m
 Roots, fine at joint



MH105X_48-49m_095020.jpg, 00:04:16, 48.49 m
 Open joint, medium



MH105X_48-51m_095034.jpg, 00:04:24, 48.51 m
 Soil visible beyond defect



MH105X_49-90m_095058.jpg, 00:04:36, 49.90 m
 Connection other than junction, at 10 o'clock, diameter: 150 mm

Section Pictures - 23/12/2021 - MH105X

Item No. 36	Inspection Direction Upstream	PLR MH105X	Client's Job Ref B5254	Contractor's Job Ref
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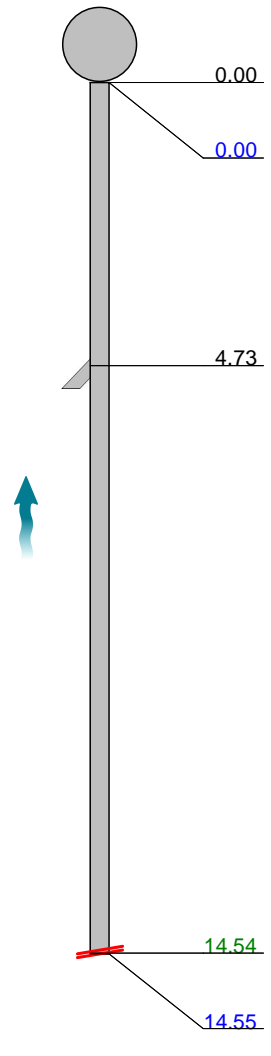
MH105X_70-30m_095342.jpg, 00:07:13, 70.30 m
 Finish node type, manhole, reference number: MH105

Section Inspection - 23/12/2021 - MH104X

Item No. 37	Insp. No. 32	Date 23/12/21	Time 10:06	Client's Job Ref B5254	Weather Rain	Pre Cleaned No	PLR MH104X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall Stanifield Lane A footway beside a road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 14.55 m 14.55 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	MH104 Not Specified MH105 1.620 m
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Culverted watercourse Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 525 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:
Recommendations:

Scale:	1:126	Position [m]	Code	Observation	MPEG	Photo	Grade																																																
<div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">Depth: 1.62 m MH105</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td>0.00</td> <td>MH</td> <td></td> <td>Start node type, manhole, reference number: MH105</td> <td>00:00:01</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.00</td> <td>WL</td> <td></td> <td>Water level, 10% % of the vertical dimension</td> <td>00:00:02</td> <td></td> <td></td> </tr> <tr> <td></td> <td>4.73</td> <td>CNC</td> <td></td> <td>Connection other than junction, closed at 3 o'clock, diameter: 150mm</td> <td>00:00:26</td> <td>MH104X_4-73m_100836.jpg</td> <td></td> </tr> <tr> <td></td> <td>14.54</td> <td>OBX</td> <td></td> <td>Other obstacles in invert, from 05 to 07 o'clock, 10% % cross-sectional area loss: Rock</td> <td>00:01:30</td> <td>MH104X_14-68m_101004.jpg</td> <td></td> </tr> <tr> <td></td> <td>14.55</td> <td>SA</td> <td></td> <td>Survey abandoned: Unable to drive over rocks stuck on the joint. Line needs jetting. TM needed.</td> <td>00:04:38</td> <td>MH104X_14-55m_101327.jpg</td> <td></td> </tr> </table> </div>								Depth: 1.62 m MH105									0.00	MH		Start node type, manhole, reference number: MH105	00:00:01				0.00	WL		Water level, 10% % of the vertical dimension	00:00:02				4.73	CNC		Connection other than junction, closed at 3 o'clock, diameter: 150mm	00:00:26	MH104X_4-73m_100836.jpg			14.54	OBX		Other obstacles in invert, from 05 to 07 o'clock, 10% % cross-sectional area loss: Rock	00:01:30	MH104X_14-68m_101004.jpg			14.55	SA		Survey abandoned: Unable to drive over rocks stuck on the joint. Line needs jetting. TM needed.	00:04:38	MH104X_14-55m_101327.jpg	
Depth: 1.62 m MH105																																																							
	0.00	MH		Start node type, manhole, reference number: MH105	00:00:01																																																		
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	14.55	SA		Survey abandoned: Unable to drive over rocks stuck on the joint. Line needs jetting. TM needed.	00:04:38	MH104X_14-55m_101327.jpg																																																	

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

Section Pictures - 23/12/2021 - MH104X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
37	Upstream	MH104X	B5254	



MH104X_4-73m_100836.jpg, 00:00:26, 4.73 m
 Connection other than junction, closed at 3 o'clock, diameter:
 150mm



MH104X_14-68m_101004.jpg, 00:01:30, 14.68 m
 Other obstacles in invert, from 05 to 07 o'clock, 10% %
 cross-sectional area loss, Rock



MH104X_14-55m_101327.jpg, 00:04:38, 14.55 m
 Survey abandoned, Unable to drive over rocks stuck on the
 joint. Line needs jetting. TM needed.

Section Inspection - 06/12/2021 - GY1X

Item No. 38	Insp. No. 1	Date 06/12/21	Time 10:05	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned Yes	PLR GY1X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall B5254 Road Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Downstream 0.79 m 0.79 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	GY1 Not Specified CULVERT Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Surface water Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 150 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																								
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: m</p> <p>GY1</p> <p>CULVERT</p> <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 15%;"></td> <td style="width: 5%;">GY</td> <td style="width: 45%;">Start node type, gully, reference number: GY1</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">0.00</td> <td></td> <td>WL</td> <td>Water level, 5% % of the vertical dimension</td> <td style="text-align: center;">00:00:04</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">0.79</td> <td></td> <td>OFF</td> <td>Finish node type, outfall, reference number: CULVERT</td> <td style="text-align: center;">00:00:30</td> <td style="text-align: center;">GY1X_0-7 9m_10105 6.jpg</td> <td></td> </tr> </table> </div>									0.00		GY	Start node type, gully, reference number: GY1	00:00:03				0.00		WL	Water level, 5% % of the vertical dimension	00:00:04				0.79		OFF	Finish node type, outfall, reference number: CULVERT	00:00:30	GY1X_0-7 9m_10105 6.jpg	
	0.00		GY	Start node type, gully, reference number: GY1	00:00:03																										
	0.00		WL	Water level, 5% % of the vertical dimension	00:00:04																										
	0.79		OFF	Finish node type, outfall, reference number: CULVERT	00:00:30	GY1X_0-7 9m_10105 6.jpg																									

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 06/12/2021 - GY1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
38	Downstream	GY1X	B5254	



GY1 - CULVERT / D / Surface Water / 150mm

10:10:56 6-DEC-2021

0.79m

GY1X_0-79m_101056.jpg, 00:00:30, 0.79 m
Finish node type, outfall, reference number: CULVERT

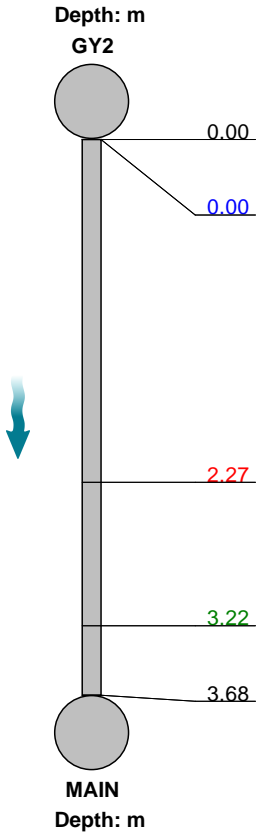
Section Inspection - 06/12/2021 - GY2X

Item No. 39	Insp. No. 2	Date 06/12/21	Time 10:14	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned Yes	PLR GY2X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Lostock Hall	Inspection Direction: Downstream	Upstream Node: GY2
Road: B5254	Inspected Length: 3.68 m	Upstream Pipe Depth:
Location: Road	Total Length: 3.68 m	Downstream Node: MAIN
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Surface water	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 150 mm	
Flow Control: No flow control	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																								
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>GY2</p>  <p>MAIN</p> <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 15%;">0.00</td> <td style="width: 10%;">GY</td> <td style="width: 45%;">Start node type, gully, reference number: GY2</td> <td style="width: 10%;">00:00:05</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>0.00</td> <td>WL</td> <td>Water level, 5% % of the vertical dimension</td> <td>00:00:06</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>2.27</td> <td>OJL</td> <td>Open joint, large</td> <td>00:00:20</td> <td>GY2X_2-2 7m_10152 6.jpg</td> <td></td> </tr> <tr> <td></td> <td></td> <td>3.22</td> <td>LD</td> <td>Line deviates down</td> <td>00:00:27</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>3.68</td> <td>OFF</td> <td>Finish node type, outfall, reference number: MAIN</td> <td>00:00:32</td> <td>GY2X_3-6 8m_10154 7.jpg</td> <td></td> </tr> </table> </div>										0.00	GY	Start node type, gully, reference number: GY2	00:00:05					0.00	WL	Water level, 5% % of the vertical dimension	00:00:06					2.27	OJL	Open joint, large	00:00:20	GY2X_2-2 7m_10152 6.jpg				3.22	LD	Line deviates down	00:00:27					3.68	OFF	Finish node type, outfall, reference number: MAIN	00:00:32	GY2X_3-6 8m_10154 7.jpg	
		0.00	GY	Start node type, gully, reference number: GY2	00:00:05																																										
		0.00	WL	Water level, 5% % of the vertical dimension	00:00:06																																										
		2.27	OJL	Open joint, large	00:00:20	GY2X_2-2 7m_10152 6.jpg																																									
		3.22	LD	Line deviates down	00:00:27																																										
		3.68	OFF	Finish node type, outfall, reference number: MAIN	00:00:32	GY2X_3-6 8m_10154 7.jpg																																									
Construction Features				Miscellaneous Features																																											
Structural Defects				Service & Operational Observations																																											
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																																						
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																																						

Section Pictures - 06/12/2021 - GY2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
39	Downstream	GY2X	B5254	



GY2X_2-27m_101526.jpg, 00:00:20, 2.27 m
 Open joint, large



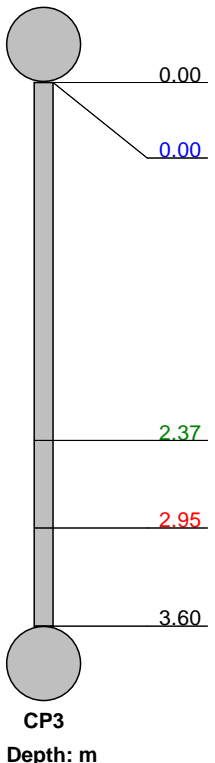
GY2X_3-68m_101547.jpg, 00:00:32, 3.68 m
 Finish node type, outfall, reference number: MAIN

Section Inspection - 22/12/2021 - CP3X

Item No. 41	Insp. No. 4	Date 22/12/21	Time 14:11	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR CP3X
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Lostock Hall	Inspection Direction: Upstream	Upstream Node: CP3
Road: B5254	Inspected Length: 3.60 m	Upstream Pipe Depth:
Location: A footway beside a road	Total Length: 3.60 m	Downstream Node: MH6
Surface Type: 	Joint Length: 	Downstream Pipe Depth: 1.840 m
Use: Surface water	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 150 mm	
Flow Control: No flow control	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																														
<div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH6</td> <td style="text-align: center;">00:00:03</td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: center;">2.37</td> <td style="text-align: center;">LU</td> <td>Line deviates up</td> <td style="text-align: center;">00:00:13</td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: center;">2.95</td> <td style="text-align: center;">JDM</td> <td>Joint displaced, medium</td> <td style="text-align: center;">00:00:18</td> <td style="text-align: center;">CP3X_2-9 5m_14135 4.jpg</td> <td> </td> </tr> <tr> <td style="text-align: center;">3.60</td> <td style="text-align: center;">CPF</td> <td>Finish node type, catchpit, reference number: CP3</td> <td style="text-align: center;">00:00:21</td> <td style="text-align: center;">CP3X_3-6 0m_14140 5.jpg</td> <td> </td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH6	00:00:03			0.00	WL	Water level, 10% % of the vertical dimension	00:00:03			2.37	LU	Line deviates up	00:00:13			2.95	JDM	Joint displaced, medium	00:00:18	CP3X_2-9 5m_14135 4.jpg		3.60	CPF	Finish node type, catchpit, reference number: CP3	00:00:21	CP3X_3-6 0m_14140 5.jpg	
0.00	MH	Start node type, manhole, reference number: MH6	00:00:03																																		
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2.37	LU	Line deviates up	00:00:13																																		
2.95	JDM	Joint displaced, medium	00:00:18	CP3X_2-9 5m_14135 4.jpg																																	
3.60	CPF	Finish node type, catchpit, reference number: CP3	00:00:21	CP3X_3-6 0m_14140 5.jpg																																	
Construction Features				Miscellaneous Features																																	
Structural Defects				Service & Operational Observations																																	
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																												
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																												

Section Pictures - 22/12/2021 - CP3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
41	Upstream	CP3X	B5254	



CP3X_2-95m_141354.jpg, 00:00:18, 2.95 m
 Joint displaced, medium



CP3X_3-60m_141405.jpg, 00:00:21, 3.60 m
 Finish node type, catchpit, reference number: CP3

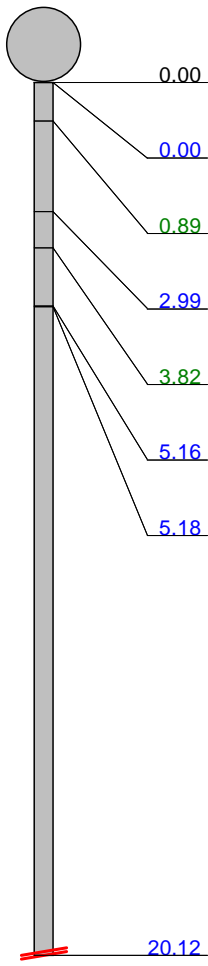
Section Inspection - 23/12/2021 - PIPE BX

Item No. 42	Insp. No. 5	Date 23/12/21	Time 13:56	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR PIPE BX
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall B5254 Verge Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 20.12 m 20.12 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	PIPE B Not Specified CP3 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Surface water Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 150 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:

Recommendations:

Scale:	1:174	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																								
<div style="display: flex; align-items: flex-start;"> <div style="width: 15%; text-align: right; padding-right: 10px;"> Depth: m CP3  </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: right;">0.00</td> <td style="width: 5%;">CP</td> <td style="width: 30%;">Start node type, catchpit, reference number: CP3</td> <td style="width: 10%; text-align: right;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: right;">00:00:04</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">0.89</td> <td>LL</td> <td>Line deviates left</td> <td style="text-align: right;">00:00:38</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">2.99</td> <td>WL</td> <td>Water level, 20% % of the vertical dimension</td> <td style="text-align: right;">00:00:51</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">3.82</td> <td>LL</td> <td>Line deviates left</td> <td style="text-align: right;">00:00:56</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">5.16</td> <td>WL</td> <td>Water level, 60% % of the vertical dimension</td> <td style="text-align: right;">00:01:05</td> <td style="width: 5%;">CP3 PIPE</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: right;">5.18</td> <td>CUW</td> <td>Loss of vision, camera under water</td> <td style="text-align: right;">00:01:07</td> <td>B_5-16m_</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: right;">20.12</td> <td>SA</td> <td>Survey abandoned: Unable to push any further</td> <td style="text-align: right;">00:03:21</td> <td>CP3 PIPE</td> <td colspan="3"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>_140131.j</td> <td colspan="3"></td> </tr> </table> </div>								0.00	CP	Start node type, catchpit, reference number: CP3	00:00:03					0.00	WL	Water level, 10% % of the vertical dimension	00:00:04					0.89	LL	Line deviates left	00:00:38					2.99	WL	Water level, 20% % of the vertical dimension	00:00:51					3.82	LL	Line deviates left	00:00:56					5.16	WL	Water level, 60% % of the vertical dimension	00:01:05	CP3 PIPE				5.18	CUW	Loss of vision, camera under water	00:01:07	B_5-16m_				20.12	SA	Survey abandoned: Unable to push any further	00:03:21	CP3 PIPE								_140131.j			
0.00	CP	Start node type, catchpit, reference number: CP3	00:00:03																																																																												
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5.16	WL	Water level, 60% % of the vertical dimension	00:01:05	CP3 PIPE																																																																											
5.18	CUW	Loss of vision, camera under water	00:01:07	B_5-16m_																																																																											
20.12	SA	Survey abandoned: Unable to push any further	00:03:21	CP3 PIPE																																																																											
				_140131.j																																																																											

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 23/12/2021 - PIPE BX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
42	Upstream	PIPE BX	B5254	



U / Surface Water / 150mm
 13:58:52 23-DEC-2021 5.16m
 CP3 PIPE B_5-16m_135852.jpg, 00:01:05, 5.16 m
 Water level, 60% % of the vertical dimension



U / Surface Water / 150mm
 14:01:31 23-DEC-2021 20.12m
 CP3 PIPE B_20-12m_140131.jpg, 00:03:21, 20.12 m
 Survey abandoned, Unable to push any further

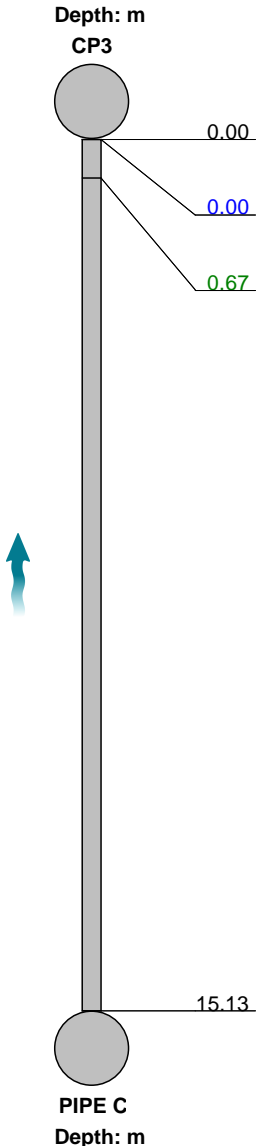
Section Inspection - 23/12/2021 - PIPE CX

Item No. 43	Insp. No. 6	Date 23/12/21	Time 14:01	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR PIPE CX
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Lostock Hall	Inspection Direction: Upstream	Upstream Node: PIPE C
Road: B5254	Inspected Length: 15.13 m	Upstream Pipe Depth:
Location: Verge	Total Length: 15.13 m	Downstream Node: CP3
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Surface water	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 150 mm	
Flow Control: No flow control	Pipe Material: Vitrified clay pipe (i.e. all clayware)	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample survey to determine asset condition	Lining Material: No Lining	

Comments:

Recommendations:

Scale:	1:131	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>CP3</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 15%;"></td> <td style="width: 10%;">CP</td> <td style="width: 45%;">Start node type, catchpit, reference number: CP3</td> <td style="width: 10%; text-align: center;">00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td>WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.67</td> <td></td> <td>LR</td> <td>Line deviates right</td> <td style="text-align: center;">00:00:11</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">15.13</td> <td></td> <td>OCF</td> <td>Finish node type, other special chamber, reference number: PIPE C: LINE CAPPED</td> <td style="text-align: center;">00:01:32</td> <td></td> <td>CP3 PIPE C_15-13m _140516.j</td> </tr> </table> </div>								0.00		CP	Start node type, catchpit, reference number: CP3	00:00:02			0.00		WL	Water level, 10% % of the vertical dimension	00:00:03			0.67		LR	Line deviates right	00:00:11			15.13		OCF	Finish node type, other special chamber, reference number: PIPE C: LINE CAPPED	00:01:32		CP3 PIPE C_15-13m _140516.j
0.00		CP	Start node type, catchpit, reference number: CP3	00:00:02																															
0.00		WL	Water level, 10% % of the vertical dimension	00:00:03																															
0.67		LR	Line deviates right	00:00:11																															
15.13		OCF	Finish node type, other special chamber, reference number: PIPE C: LINE CAPPED	00:01:32		CP3 PIPE C_15-13m _140516.j																													
Construction Features				Miscellaneous Features																															
Structural Defects				Service & Operational Observations																															
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																										
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																										

Section Pictures - 23/12/2021 - PIPE CX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
43	Upstream	PIPE CX	B5254	



CP3 PIPE C_15-13m_140516.jpg, 00:01:32, 15.13 m
 Finish node type, other special chamber, reference number:
 PIPE C, LINE CAPPED

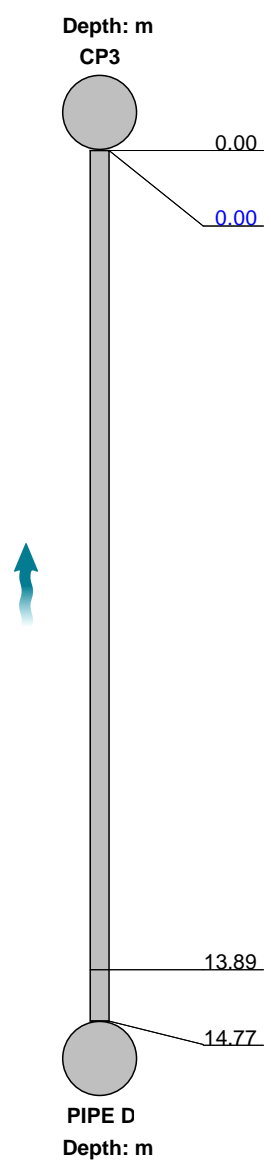
Section Inspection - 23/12/2021 - PIPE DX

Item No. 44	Insp. No. 7	Date 23/12/21	Time 14:07	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR PIPE DX
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall B5254 Verge Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 14.77 m 14.77 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	PIPE D Not Specified CP3 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Surface water Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 150 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:

Recommendations:

Scale:	1:128	Position [m]	Code	Observation	MPEG	Photo	Grade																																
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>CP3</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">CP</td> <td style="width: 45%;">Start node type, catchpit, reference number: CP3</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 5% % of the vertical dimension</td> <td style="text-align: center;">00:00:04</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: center;">13.89</td> <td style="text-align: center;">MCCO</td> <td>Material changes to concrete</td> <td style="text-align: center;">00:01:13</td> <td style="width: 5%;">CP3 PIPE</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">14.77</td> <td style="text-align: center;">OCF</td> <td>Finish node type, other special chamber, reference number: PIPE D: LINE CAPPED</td> <td style="text-align: center;">00:01:20</td> <td>CP3 PIPE</td> <td colspan="3"></td> </tr> </table> </div>								0.00	CP	Start node type, catchpit, reference number: CP3	00:00:03					0.00	WL	Water level, 5% % of the vertical dimension	00:00:04					13.89	MCCO	Material changes to concrete	00:01:13	CP3 PIPE				14.77	OCF	Finish node type, other special chamber, reference number: PIPE D: LINE CAPPED	00:01:20	CP3 PIPE			
0.00	CP	Start node type, catchpit, reference number: CP3	00:00:03																																				
0.00	WL	Water level, 5% % of the vertical dimension	00:00:04																																				
13.89	MCCO	Material changes to concrete	00:01:13	CP3 PIPE																																			
14.77	OCF	Finish node type, other special chamber, reference number: PIPE D: LINE CAPPED	00:01:20	CP3 PIPE																																			
Construction Features				Miscellaneous Features																																			
Structural Defects				Service & Operational Observations																																			
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																														
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0																														

Section Pictures - 23/12/2021 - PIPE DX

Item No. 44	Inspection Direction Upstream	PLR PIPE DX	Client's Job Ref B5254	Contractor's Job Ref
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CP3 PIPE D_13-89m_140911.jpg, 00:01:13, 13.89 m
 Material changes to concrete



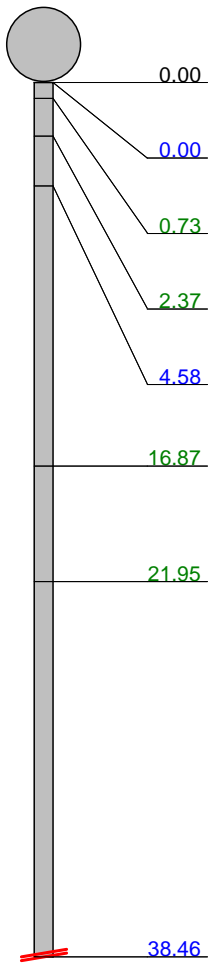
CP3 PIPE D_14-77m_140933.jpg, 00:01:20, 14.77 m
 Finish node type, other special chamber, reference number:
 PIPE D, LINE CAPPED

Section Inspection - 23/12/2021 - PIPE AX

Item No. 45	Insp. No. 8	Date 23/12/21	Time 14:10	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR PIPE AX
Operator E LUCAS		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village: Road: Location: Surface Type:	Lostock Hall B5254 Verge Not Specified	Inspection Direction: Inspected Length: Total Length: Joint Length:	Upstream 38.46 m 38.46 m Not Specified	Upstream Node: Upstream Pipe Depth: Downstream Node: Downstream Pipe Depth:	PIPE A Not Specified CP3 Not Specified
Use: Type of Pipe: Flow Control: Year Constructed: Inspection Purpose:	Surface water Gravity drain/sewer No flow control Not Specified Sample survey to determine asset condition	Pipe Shape: Dia/Height: Pipe Material: Lining Type: Lining Material:	Circular 150 mm Vitrified clay pipe (i.e. all clayware) No Lining No Lining		

Comments:
Recommendations:

Scale:	1:332	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="margin-bottom: 5px;">Depth: m</p> <p style="margin-bottom: 5px;">CP3</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 10px;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 5%;">CP</td> <td style="width: 35%;">Start node type, catchpit, reference number: CP3</td> <td style="width: 10%;">00:00:03</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% % of the vertical dimension</td> <td>00:00:04</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">0.73</td> <td>LL</td> <td>Line deviates left</td> <td>00:00:11</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: right;">2.37</td> <td>RF</td> <td>Roots, fine</td> <td>00:00:22</td> <td colspan="4">CP3 PIPE A_2-37m_141155.jpg</td> </tr> <tr> <td style="text-align: right;">4.58</td> <td>GP</td> <td>General photograph taken at this point: Land Drainage</td> <td>00:00:37</td> <td colspan="4">CP3 PIPE A_4-58m_141236.jpg</td> </tr> <tr> <td style="text-align: right;">16.87</td> <td>RF</td> <td>Roots, fine</td> <td>00:01:39</td> <td colspan="4">CP3 PIPE A_16-87m_141343.j</td> </tr> <tr> <td style="text-align: right;">21.95</td> <td>RF</td> <td>Roots, fine</td> <td>00:02:14</td> <td colspan="4">CP3 PIPE A_21-95m_141424.j</td> </tr> <tr> <td style="text-align: right;">38.46</td> <td>SA</td> <td>Survey abandoned: Unable to push any further</td> <td>00:05:32</td> <td colspan="4">CP3 PIPE A_38-46m_141810.j</td> </tr> </table> </div>								0.00	CP	Start node type, catchpit, reference number: CP3	00:00:03					0.00	WL	Water level, 5% % of the vertical dimension	00:00:04					0.73	LL	Line deviates left	00:00:11					2.37	RF	Roots, fine	00:00:22	CP3 PIPE A_2-37m_141155.jpg				4.58	GP	General photograph taken at this point: Land Drainage	00:00:37	CP3 PIPE A_4-58m_141236.jpg				16.87	RF	Roots, fine	00:01:39	CP3 PIPE A_16-87m_141343.j				21.95	RF	Roots, fine	00:02:14	CP3 PIPE A_21-95m_141424.j				38.46	SA	Survey abandoned: Unable to push any further	00:05:32	CP3 PIPE A_38-46m_141810.j			
0.00	CP	Start node type, catchpit, reference number: CP3	00:00:03																																																																				
0.00	WL	Water level, 5% % of the vertical dimension	00:00:04																																																																				
0.73	LL	Line deviates left	00:00:11																																																																				
2.37	RF	Roots, fine	00:00:22	CP3 PIPE A_2-37m_141155.jpg																																																																			
4.58	GP	General photograph taken at this point: Land Drainage	00:00:37	CP3 PIPE A_4-58m_141236.jpg																																																																			
16.87	RF	Roots, fine	00:01:39	CP3 PIPE A_16-87m_141343.j																																																																			
21.95	RF	Roots, fine	00:02:14	CP3 PIPE A_21-95m_141424.j																																																																			
38.46	SA	Survey abandoned: Unable to push any further	00:05:32	CP3 PIPE A_38-46m_141810.j																																																																			

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

Section Pictures - 23/12/2021 - PIPE AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
45	Upstream	PIPE AX	B5254	



CP3 PIPE A_2-37m_141155.jpg, 00:00:22, 2.37 m
 Roots, fine



CP3 PIPE A_4-58m_141236.jpg, 00:00:37, 4.58 m
 General photograph taken at this point, Land Drainage



CP3 PIPE A_16-87m_141343.jpg, 00:01:39, 16.87 m
 Roots, fine



CP3 PIPE A_21-95m_141424.jpg, 00:02:14, 21.95 m
 Roots, fine

Section Pictures - 23/12/2021 - PIPE AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
45	Upstream	PIPE AX	B5254	



CP3 PIPE A_38-46m_141810.jpg, 00:05:32, 38.46 m
 Survey abandoned, Unable to push any further

Project

Project Name: B5254

Project Description: WinCan Import in Miraculix WRc4 Standard

Project Date: 31/01/2022

Table of Contents

Project Name	Project Number	Project Date
B5254		31/01/2022

Project Information	P-1
Scoring Summary	P-2
Project Summary	P-3
Section: 1; MH102 > MH100 (MH102X)	1
Section: 2; UPSTREAM > MH102 (UPSTREAMX)	4

Project Information

Project Name	Project Number	Project Date
B5254		31/01/2022

Site

Company: Waterman
Description: B5254
Street: B5254
Town or City: Lostock Hall
County: Lancashire
Post Code: PR5 6BA

Contractor

Company: Team Drainage UK
Description: Drainage
Contact: Stuart Jones
Department: Operations & Sales Director
Street: Peel Road
Town or City: Skelmersdale
County: Lancashire
Post Code: WN8 9PT
Phone: 01695 768 714
Mobile: 07815719235
Email: Stuart.jones@teamdrainageuk.com

Scoring Summary

Project Name
B5254

Project Number

Project Date
31/01/2022

Structural Defects

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

Service / Operational Condition

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

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
1	MH102X	5	Multiple defects
2	UPSTREAMX	4	Multiple defects

Abandoned Surveys

Section	PLR	Description
1	MH102X	Survey abandoned

Information

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

Project Summary

Project Name B5254	Project Number	Project Date 31/01/2022
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Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	MH102X	MH102	MH100	Stanifield Lane	Lostock Hall	S	CO	Circular 300mm	12.64 m
2	SEC	UPSTREAMX	UPSTREAM	MH102	Stanifield Lane	Lostock Hall	S	CO	Circular 300mm	46.34 m
Total:										58.98 m

Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	MH102X	MH102			0.000 m	MH100			0.000 m
2	UPSTREAMX	UPSTREAM			0.000 m	MH102			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 300mm	12.64 m	
Circular 300mm	46.34 m	
Circular 300mm =	58.98 m	2
Total =	58.98 m	2

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	MH102	MH100	DS	E Lucas	28/01/2022	0:00	5	1	SA, Unable to pass mass roots	12.64 m
2	1	UPSTREAM	MH102	US	E Lucas	28/01/2022	0:00	4	1	CPF, Buried Catchpit. Unable to continue survey as the crawler	46.34 m
Total:											58.98 m

Project Summary

Project Name B5254	Project Number	Project Date 31/01/2022
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Inspection Summary by Profile		
Profile	Total Length	No. Inspections
Circular 300mm	12.64 m	
Circular 300mm	46.34 m	
Circular 300mm =	58.98 m	2
Total =	58.98 m	2

Defect Summary				CCTV Drainage Survey Observation Count																					
Sect. No.	Insp. No.	Upstream Node	Downstream Node	General				Structural Condition								Service Condition									
				Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates	
1	1	MH102	MH100	12.6	3	1												6						2	
2	1	UPSTREAM	MH102	46.3	2													4			3			1	
Total:				59.0	5	1												10			3			3	



Section Inspection - 28/01/2022 - MH102X

Section 1	Inspection 1	Date 28/01/22	Time 9:06	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR MH102X
Operator E Lucas		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Downstream	Upstream Node:	MH102
Road:	Stanifield Lane	Inspected Length:	12.64 m	Upstream Pipe Depth:	
Location:	A footway beside a road	Total Length:	12.64 m	Downstream Node:	MH100
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Year Constructed:		Pipe Material:	Concrete		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:110	Position [m]	Code	Observation	MPEG	Photo	Grade																																																												
<div style="display: flex; align-items: center;"> <div style="width: 20%;"> <p>Depth: m MH102</p> </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH102</td> <td style="text-align: right;">00:00:04</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% % of the vertical dimension</td> <td style="text-align: right;">00:00:05</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">2.78</td> <td style="text-align: center;">RMJ</td> <td>Roots, mass at joint, 20% % cross-sectional area loss</td> <td style="text-align: right;">00:00:23</td> <td style="text-align: right;">MH102X_2-78m_091644.jpg</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: right;">3.89</td> <td style="text-align: center;">WL</td> <td>Water level, 20% % of the vertical dimension</td> <td style="text-align: right;">00:00:31</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">4.71</td> <td style="text-align: center;">RFJ</td> <td>Roots, fine at joint</td> <td style="text-align: right;">00:00:38</td> <td style="text-align: right;">MH102X_4-71m_091711.jpg</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: right;">6.52</td> <td style="text-align: center;">RMJ</td> <td>Roots, mass at joint, 20% % cross-sectional area loss</td> <td style="text-align: right;">00:00:47</td> <td style="text-align: right;">MH102X_6-52m_091728.jpg</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: right;">8.37</td> <td style="text-align: center;">RMJ</td> <td>Roots, mass at joint, 30% % cross-sectional area loss</td> <td style="text-align: right;">00:00:55</td> <td style="text-align: right;">MH102X_8-37m_091750.jpg</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: right;">10.31</td> <td style="text-align: center;">RMJ</td> <td>Roots, mass at joint, 30% % cross-sectional area loss</td> <td style="text-align: right;">00:01:05</td> <td style="text-align: right;">MH102X_10-31m_091807.jpg</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: right;">12.12</td> <td style="text-align: center;">RMJ</td> <td>Roots, mass at joint, 70% % cross-sectional area loss</td> <td style="text-align: right;">00:01:54</td> <td style="text-align: right;">MH102X_12-12m_091907.jpg</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: right;">12.64</td> <td style="text-align: center;">SA</td> <td>Survey abandoned: Unable to pass mass roots</td> <td style="text-align: right;">00:02:11</td> <td style="text-align: right;">MH102X_12-64m_091936.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: MH102	00:00:04			0.00	WL	Water level, 10% % of the vertical dimension	00:00:05			2.78	RMJ	Roots, mass at joint, 20% % cross-sectional area loss	00:00:23	MH102X_2-78m_091644.jpg	3	3.89	WL	Water level, 20% % of the vertical dimension	00:00:31			4.71	RFJ	Roots, fine at joint	00:00:38	MH102X_4-71m_091711.jpg	2	6.52	RMJ	Roots, mass at joint, 20% % cross-sectional area loss	00:00:47	MH102X_6-52m_091728.jpg	3	8.37	RMJ	Roots, mass at joint, 30% % cross-sectional area loss	00:00:55	MH102X_8-37m_091750.jpg	5	10.31	RMJ	Roots, mass at joint, 30% % cross-sectional area loss	00:01:05	MH102X_10-31m_091807.jpg	5	12.12	RMJ	Roots, mass at joint, 70% % cross-sectional area loss	00:01:54	MH102X_12-12m_091907.jpg	5	12.64	SA	Survey abandoned: Unable to pass mass roots	00:02:11	MH102X_12-64m_091936.jpg	
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12.64	SA	Survey abandoned: Unable to pass mass roots	00:02:11	MH102X_12-64m_091936.jpg																																																															

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	6	15.0	3.5	44.0	5.0

Section Pictures - 28/01/2022 - MH102X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	MH102X	B5254	



MH102X_2-78m_091644.jpg, 00:00:23, 2.78 m
 Roots, mass at joint, 20% % cross-sectional area loss



MH102X_4-71m_091711.jpg, 00:00:38, 4.71 m
 Roots, fine at joint



MH102X_6-52m_091728.jpg, 00:00:47, 6.52 m
 Roots, mass at joint, 20% % cross-sectional area loss



MH102X_8-37m_091750.jpg, 00:00:55, 8.37 m
 Roots, mass at joint, 30% % cross-sectional area loss

Section Pictures - 28/01/2022 - MH102X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	MH102X	B5254	



MH102X_10-31m_091807.jpg, 00:01:05, 10.31 m
 Roots, mass at joint, 30% % cross-sectional area loss



MH102X_12-12m_091907.jpg, 00:01:54, 12.12 m
 Roots, mass at joint, 70% % cross-sectional area loss



MH102X_12-64m_091936.jpg, 00:02:11, 12.64 m
 Survey abandoned, Unable to pass mass roots

Section Inspection - 28/01/2022 - UPSTREAMX

Section 2	Inspection 2	Date 28/01/22	Time 9:21	Client's Job Ref B5254	Weather No Rain Or Snow	Pre Cleaned No	PLR UPSTREAMX
Operator E Lucas		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Lostock Hall	Inspection Direction:	Upstream	Upstream Node:	UPSTREAM
Road:	Stanifield Lane	Inspected Length:	46.34 m	Upstream Pipe Depth:	
Location:	A footway beside a road	Total Length:	46.34 m	Downstream Node:	MH102
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Year Constructed:		Pipe Material:	Concrete		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:403	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m MH102					
		0.00	MH	Start node type, manhole, reference number: MH102	00:00:04		
		0.00	WL	Water level, 10% % of the vertical dimension	00:00:04		
		0.00	RT	Roots, tap	00:00:05	MH102 Upstream_ 0-00m_09	4
		2.64	RFJ	Roots, fine at joint	00:00:20	MH102 Upstream_ 2-64m_09	2
		8.10	RFJ	Roots, fine at joint	00:00:44	MH102 Upstream_ 8-10m_09	2
		13.61	RMJ	Roots, mass at joint, 20% % cross-sectional area loss	00:01:23	MH102 Upstream_ 13-61m_0	3
		16.00	CN	Connection other than junction, at 10 o'clock, diameter: 150 mm	00:01:37	MH102 Upstream_ 16-00m_0	
		16.67	GP	General photograph taken at this point: Connection from field	00:01:53	UPSTREA MX_13339 ec1-e0c3-	
		17.74	DES	Settled deposits, fine, 25% % cross-sectional area loss	00:02:09	MH102 Upstream_ 17-74m_0	4
		28.90	DES	Settled deposits, fine, 10% % cross-sectional area loss	00:03:00	MH102 Upstream_ 28-90m_0	3
		36.34	DES	Settled deposits, fine, 20% % cross-sectional area loss	00:03:55	MH102 Upstream_ 36-34m_0	3
		46.34	CPF	Finish node type, catchpit, reference number: Buried Catchpit: Buried Catchpit. Unable to continue survey as the crawler is dropping into a deeper section of the catchpit	00:05:30	MH102 Upstream_ 46-34m_0	
		UPSTREAM Depth: m					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	7	5.0	0.4	20.0	4.0

Section Pictures - 28/01/2022 - UPSTREAMX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	UPSTREAMX	B5254	



MH102 Upstream_0-00m_092226.jpg, 00:00:05, 0.00 m
 Roots, tap



MH102 Upstream_2-64m_092248.jpg, 00:00:20, 2.64 m
 Roots, fine at joint



MH102 Upstream_8-10m_092318.jpg, 00:00:44, 8.10 m
 Roots, fine at joint



MH102 Upstream_13-61m_092407.jpg, 00:01:23, 13.61 m
 Roots, mass at joint, 20% % cross-sectional area loss

Section Pictures - 28/01/2022 - UPSTREAMX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	UPSTREAMX	B5254	



MH102 Upstream_16-00m_092430.jpg, 00:01:37, 16.00 m
 Connection other than junction, at 10 o'clock, diameter: 150 mm



UPSTREAMX_13339ec1-e0c3-4883-af2d-2229c20abef1_202
 20131_072141_065.jpg, 00:01:53, 16.67 m
 General photograph taken at this point, Connection from field



MH102 Upstream_17-74m_092532.jpg, 00:02:09, 17.74 m
 Settled deposits, fine, 25% % cross-sectional area loss



MH102 Upstream_28-90m_092630.jpg, 00:03:00, 28.90 m
 Settled deposits, fine, 10% % cross-sectional area loss

Section Pictures - 28/01/2022 - UPSTREAMX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	UPSTREAMX	B5254	



MH102 Upstream_36-34m_092751.jpg, 00:03:55, 36.34 m
 Settled deposits, fine, 20% % cross-sectional area loss



MH102 Upstream_46-34m_093056.jpg, 00:05:30, 46.34 m
 Finish node type, catchpit, reference number: Buried Catchpit,
 Buried Catchpit. Unable to continue survey as the crawler is
 dropping into a deeper section of the catchpit which will stop
 us from getting the crawler back.