



Project

Project Name: 60342 Equans alexandra park housing office 011225

Project Date: 01/12/2025

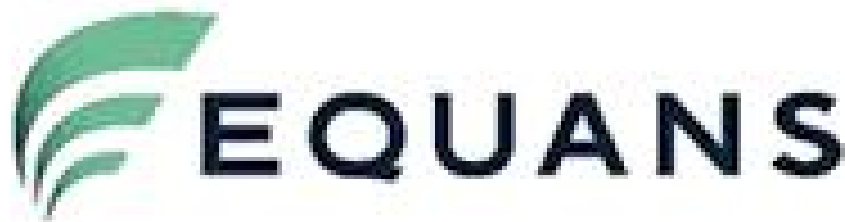




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60342 Equans alexandra park housing office 011225		01/12/2025

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Project Information

Project Name	Project Number	Project Date
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Client

Company: Equans Services Limited
Department: Neon Q10 Quorum Business Park
Street: Benton Lane
Town or City: Newcastle Upon Tyne
Post Code: NE12 8BU



Contractor

Company: Clearway Drainage Systems Limited
Street: Unit A2 Leigh Trading Estate
Town or City: Leigh
Post Code: WN7 3EQ
Phone: 01942 606761

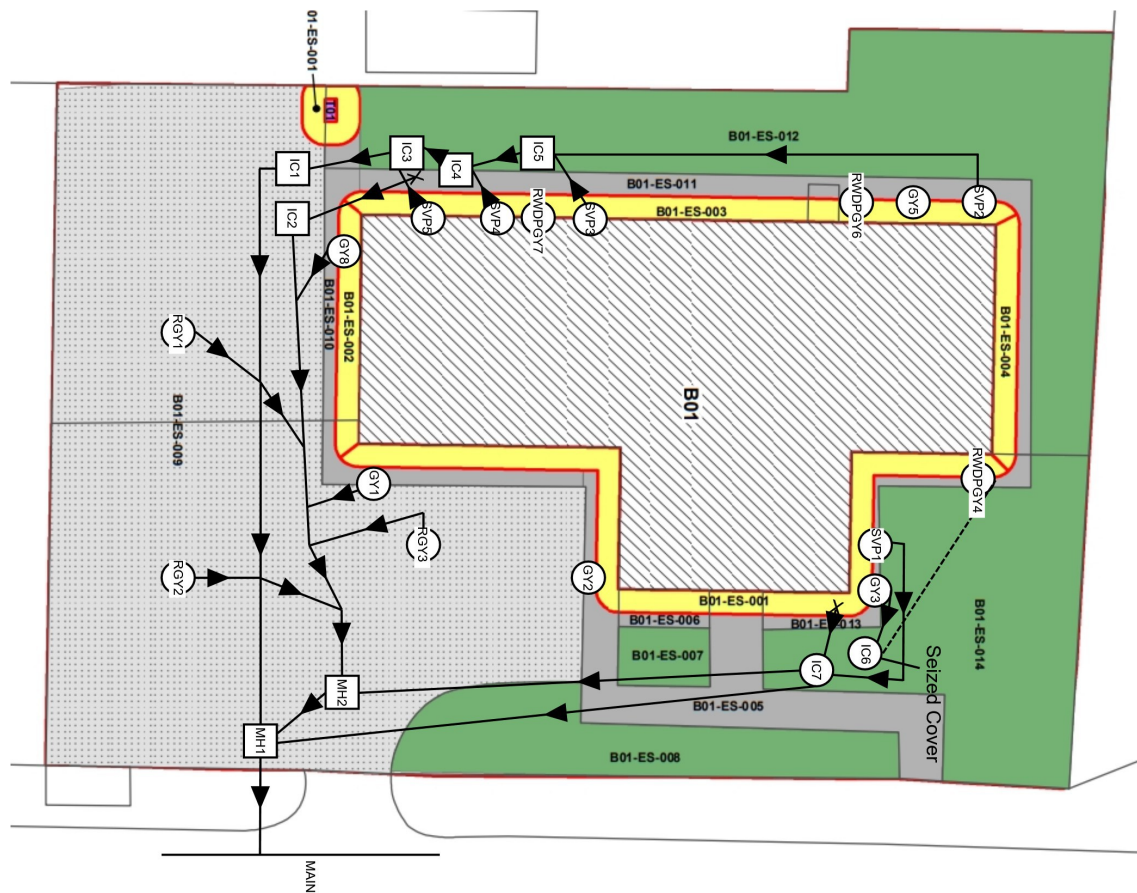




Project Information

Project Name	Project Number	Project Date
60342 Equans alexandra park housing office 011225		01/12/2025

Project Drawing, Page 'Site Plan'





Section Inspection - 01/12/2025 - MH1X

Item No. 1	Insp. No. 1	Date 01/12/25	Time 7:07	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR MH1X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	MH1
Road:	Alexandra Road	Inspected Length:	2.36 m	Upstream Pipe Depth:	
Location:		Total Length:	2.36 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
MH1							
	0.00	ST		Start of survey: MH1	00:00:00		
	0.00	WL		Water level, 5% of sewer height	00:00:00		
	0.10	WL		Water level, 10% of sewer height	00:00:22		
	0.10	S01	DE	Debris, other, start: Along the bottom of the pipe	00:00:24	MH1X_05 8da639-c3 3a-40be-b	
	2.36	F01	DE	Debris, other, finish: SA	00:02:12		1
	2.36	SA		Survey abandoned: Due to debris	00:02:12		

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	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	MH1X		



MH1X_058da639-c33a-40be-b1e9-1de6a032ca9d_20251202_105143_363.jpg, 00:00:24, 0.10 m
Debris, other, start, Along the bottom of the pipe



MH1X_cb103d0c-5897-421a-9b4a-da42e4a442c3_20251202_105156_201.jpg, 00:00:24, 0.10 m
Debris, other, start, Along the bottom of the pipe



Section Inspection - 01/12/2025 - MH1X

Item No. 2	Insp. No. 1	Date 01/12/25	Time 7:31	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR MH1X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	MH1
Road:	Alexandra Road	Inspected Length:	0.97 m	Upstream Pipe Depth:	
Location:		Total Length:	0.97 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH1							
		0.00	ST	Start of survey: MH1	00:00:00		
		0.00	WL	Water level, 15% of sewer height	00:00:01		
		0.65	S01	DE	Debris, other, start: Along bottom of pipe	00:00:18	MH1X_82 0c11f4-37f e-4bd5-b4
		0.97	F01	DE	Debris, other, finish: SA	00:00:33	1
		0.97	SA	Survey abandoned: Due to debris	00:00:33		

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	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH1X		



MH1X_820c11f4-37fe-4bd5-b413-ada0139f7de8_20251202_1
05344_487.jpg, 00:00:18, 0.65 m
Debris, other, start, Along bottom of pipe



MH1X_9c06628e-f1d2-436f-8d72-f601e0a01c42_20251202_1
05349_023.jpg, 00:00:18, 0.65 m
Debris, other, start, Along bottom of pipe



Section Inspection - 01/12/2025 - L1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	01/12/25	7:34	Not Specified	Not Specified	Not Specified	L1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
New Operator		New Equipment		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L1
Road:	Alexandra Road	Inspected Length:	25.82 m	Upstream Pipe Depth:	
Location:		Total Length:	25.82 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:223	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
MH1							
		0.00	ST	Start of survey: MH1	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:01		
		0.01	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 10o'clock to 3 o'clock	00:00:14	U_S L1X_185a 980d-b20a	1
		1.21	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 10o'clock to 3o'clock	00:00:27	U_S L1X_900fc ffe-abf8-49	1
		4.22	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 10o'clock to 4o'clock	00:01:01	U_S L1X_1ad7 8f39-1de3-	1
		13.92	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 2o'clock	00:02:43	U_S L1X_ac02 eb41-bd6b	1
		15.21	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 8o'clock	00:03:01	U_S L1X_1a5b 7026-f9b7-	1
		20.00	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 5o'clock	00:04:24	U_S L1X_1a59 211a-aed8	1
		20.05	JN	Junction at 2 o'clock, 150mm diameter	00:04:25		
		20.22	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 8o'clock to 1o'clock	00:04:29	U_S L1X_6539f 839-2af0-4	1
		24.35	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 11o'clock to 3o'clock	00:05:16	U_S L1X_62ef5 796-fed9-4	1
		25.38	LR	Line of sewer deviates right	00:05:47		
		25.82	FH	Finish survey: L1	00:07:33		
L1							
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
8	1.0	0.3	8.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - L1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	L1X		



U_S

L1X_185a980d-b20a-4bd4-af2c-254c7c94452f_20251202_105606_373.jpg, 00:00:14, 0.01 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 10o'clock to 3 o'clock



U_S

L1X_900fcfe-abf8-49c5-9116-f906c4de2e37_20251202_105645_397.jpg, 00:00:27, 1.21 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 10o'clock to 3o'clock



U_S

L1X_1ad78f39-1de3-4997-b334-985baf69add2_20251202_105801_827.jpg, 00:01:01, 4.22 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 10o'clock to 4o'clock



U_S

L1X_ac02eb41-bd6b-44aa-88fd-bb1653865245_20251202_110957_748.jpg, 00:02:43, 13.92 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9o'clock to 2o'clock



Section Pictures - 01/12/2025 - L1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	L1X		



U_S

L1X_1a5b7026-f9b7-44b3-b275-cfe619b4c0b2_20251202_111028_469.jpg, 00:03:01, 15.21 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 3o'clock to 8o'clock



U_S

L1X_1a59211a-aed8-426f-8a6b-ac7cab2cdd70_20251202_111106_812.jpg, 00:04:24, 20.00 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9o'clock to 5o'clock



U_S

L1X_6539f839-2af0-4d90-903e-562ab2740197_20251202_111144_918.jpg, 00:04:29, 20.22 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 8o'clock to 1o'clock



U_S

L1X_62ef5796-fed9-440d-89c7-1486ce4d3852_20251202_111210_283.jpg, 00:05:16, 24.35 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 11o'clock to 3o'clock



Section Inspection - 01/12/2025 - MH2X

Item No. 4	Insp. No. 1	Date 01/12/25	Time 7:54	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR MH2X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	MH2
Road:	Alexandra Road	Inspected Length:	0.00 m	Upstream Pipe Depth:	
Location:		Total Length:	0.00 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
MH1							
0.00	ST	Start of survey: MH1		00:00:00			
0.00	WL	Water level, 15% of sewer height		00:00:00			
0.00	LL	Line of sewer deviates left		00:00:11			
0.00	FH	Finish survey: MH2		00:00:23			
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	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 01/12/2025 - L2X

Item No. 5	Insp. No. 1	Date 01/12/25	Time 8:00	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR L2X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L2
Road:	Alexandra Road	Inspected Length:	23.65 m	Upstream Pipe Depth:	
Location:		Total Length:	23.65 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale: 1:204	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m						
MH1						
	0.00	ST	Start of survey: MH1	00:00:00		
	0.00	WL	Water level, 5% of sewer height	00:00:02		
	0.01	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock	00:00:09	L2X_5591 addd-9507 -4a39-b0d	1
	14.42	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 9o'clock	00:01:52	L2X_32a2 8e5f-1132- 4a24-84e6	1
	15.80	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 8o'clock to 2o'clock	00:02:03	L2X_4f31c 3a5-ae38- 4c2a-a94d	1
	17.40	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 7o'clock to 2o'clock	00:02:18	L2X_e70af 9f8-0e39-4 ae4-8797-	1
	20.87	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 2o'clock	00:02:44	L2X_6217 cadd-cb9a -4392-b23f	1
	23.45	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 5o'clock	00:03:03	L2X_bbc5 7da1-e6b6 -4a01-a7d	1
	23.65	FH	Finish survey: L2	00:03:11		
L2						
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
6	1.0	0.3	6.0	1.0	0	0.0	0.0	0.0	1.0

**Section Pictures - 01/12/2025 - L2X**

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	L2X		



L2X_5591add-9507-4a39-b0dd-ea5071f5684f_20251202_112105_479.jpg, 00:00:09, 0.01 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12 o'clock to 12 o'clock



L2X_32a28e5f-1132-4a24-84e6-579a690acda5_20251202_112337_317.jpg, 00:01:52, 14.42 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 3 o'clock to 9 o'clock



L2X_4f31c3a5-ae38-4c2a-a94d-4b54eaf4b7cc_20251202_112430_173.jpg, 00:02:03, 15.80 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 8 o'clock to 2 o'clock



L2X_e70af9f8-0e39-4ae4-8797-9795091f6584_20251202_112458_731.jpg, 00:02:18, 17.40 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 7 o'clock to 2 o'clock



Section Pictures - 01/12/2025 - L2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	L2X		



L2X_6217cadd-cb9a-4392-b23f-86bce4c8741d_20251202_112528_043.jpg, 00:02:44, 20.87 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9 o'clock to 2 o'clock



L2X_bbc57da1-e6b6-4a01-a7d8-016d5efe7e10_20251202_112556_754.jpg, 00:03:03, 23.45 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9 o'clock to 5 o'clock

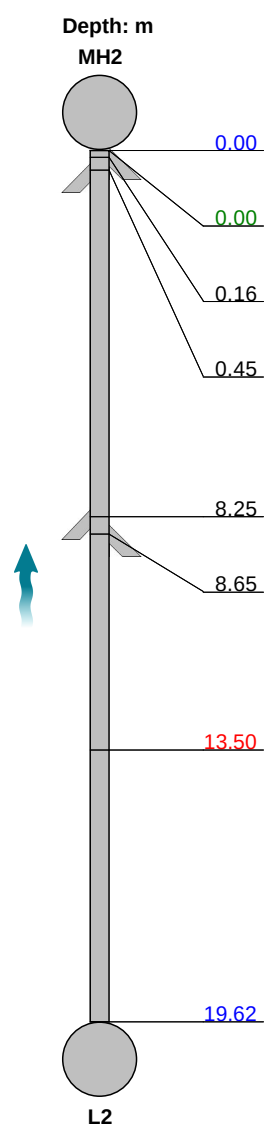
**Section Inspection - 01/12/2025 - L2X**

Item No. 6	Insp. No. 1	Date 01/12/25	Time 8:13	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR L2X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L2
Road:	Alexandra Road	Inspected Length:	19.62 m	Upstream Pipe Depth:	
Location:		Total Length:	19.62 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale: 1:170	Position [m]	Code	Observation	MPEG	Photo	Grade
						
Depth: m MH2						
0.00	ST	Start of survey: MH2	00:00:00			
0.00	WL	Water level, 5% of sewer height	00:00:00			
0.16	JN	Junction at 10 o'clock, 100mm diameter	00:00:08			
0.45	JN	Junction at 3 o'clock, 100mm diameter	00:00:09			
8.25	JN	Junction at 2 o'clock, 100mm diameter	00:01:12			
8.65	JN	Junction at 11 o'clock, 100mm diameter	00:01:18			
13.50	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 9o'clock - holding water	00:04:43	L2X_da86 8ab9-626c -4fd3-9c97	1	
19.62	FH	Finish survey	00:05:55			
Depth: m L2						

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
1	1.0	0.1	1.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - L2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	L2X		



L2X_da868ab9-626c-4fd3-9c97-dedc9a0f00ad_20251202_15
2842_019.jpg, 00:04:43, 13.50 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe
wall thickness), 3o'clock to 9o'clock - holding water



Section Inspection - 01/12/2025 - L1X

Item No. 7	Insp. No. 1	Date 01/12/25	Time 8:22	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR L1X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L1
Road:	Alexandra Road	Inspected Length:	23.96 m	Upstream Pipe Depth:	
Location:		Total Length:	23.96 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale: 1:207	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH2						
	0.00	ST	Start of survey: MH2	00:00:00		
	0.00	WL	Water level, 5% of sewer height	00:00:00		
	9.00	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 2o'clock to 7o'clock	00:00:31	L1X_42ed431c-066b-46db-bea	1
	12.90	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 5o'clock	00:00:51	L1X_b9322f9b-0427-46ba-9fd3-	1
	13.00	JN	Junction at 11 o'clock, 100mm diameter	00:00:53		
	14.66	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 6o'clock to 12o'clock	00:01:15	L1X_3e583190-d00f-465a-bce9	1
	15.41	RM	Roots, mass	00:03:20	L1X_b02ff920-bd43-486e-b3ea	1
	17.87	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 9o'clock	00:03:45	L1X_721125ff-d591-4ad2-95dd	1
	19.26	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 9o'clock	00:03:51	L1X_d308e799-d1b7-4d62-94e	1
	20.90	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 10o'clock to 3o'clock	00:03:58	L1X_f99854c1-b0e6-47cd-af4f-	1
	23.13	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): Unable to see bottom of pipe due to water level	00:04:11	L1X_b175e77a-fc63-4956-aef1-	1
	23.21	WL	Water level, 25% of sewer height	00:04:11		
	23.96	FH	Finish survey: L1	00:04:56		
Depth: m L1						

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
7	1.0	0.3	7.0	1.0	1	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - L1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	L1X		



L1X_42ed431c-066b-46db-bea2-ec67fe663b58_20251203_093441_209.jpg, 00:00:31, 9.00 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 20 o'clock to 70 o'clock



L1X_b9322f9b-0427-46ba-9fd3-8f7b818f6670_20251203_100916_835.jpg, 00:00:51, 12.90 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 120 o'clock to 50 o'clock



L1X_3e583190-d00f-465a-bce9-4f4d6a529bb7_20251203_101143_985.jpg, 00:01:15, 14.66 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 60 o'clock to 120 o'clock



L1X_db08a249-118a-49e5-88d2-b65f11858e54_20251203_101147_417.jpg, 00:01:15, 14.66 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 60 o'clock to 120 o'clock



Section Pictures - 01/12/2025 - L1X

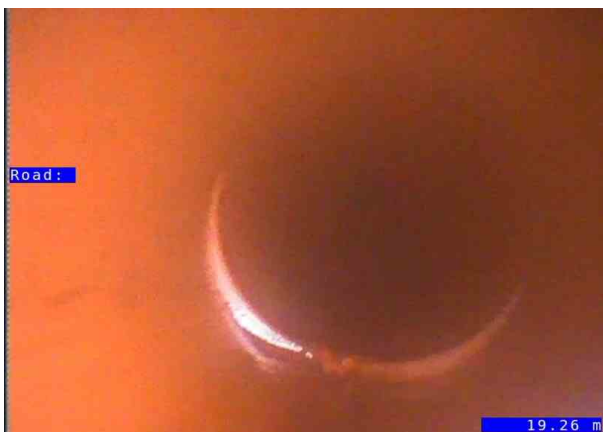
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	L1X		



L1X_b02ff920-bd43-486e-b3ea-0725554709fa_20251203_101406_321.jpg, 00:03:20, 15.41 m
Roots, mass



L1X_721125ff-d591-4ad2-95dd-fe3bc46f417e_20251203_101449_985.jpg, 00:03:45, 17.87 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 30'clock to 90'clock



L1X_d308e799-d1b7-4d62-94e4-5b8f10945b7e_20251203_101506_401.jpg, 00:03:51, 19.26 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 30'clock to 90'clock

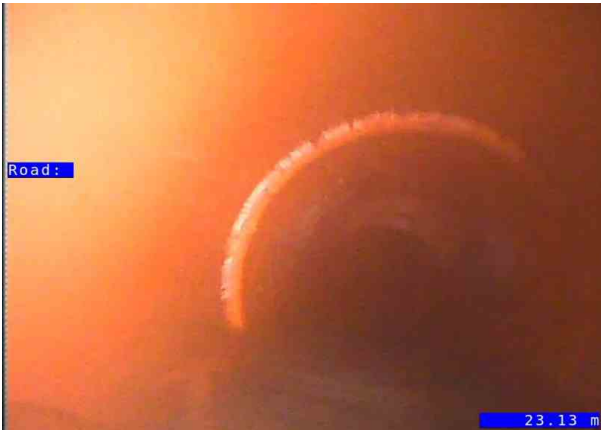


L1X_f99854c1-b0e6-47cd-af4f-85c6c2cadd68_20251203_101730_713.jpg, 00:03:58, 20.90 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 100'clock to 30'clock



Section Pictures - 01/12/2025 - L1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	L1X		



L1X_b175e77a-fc63-4956-aef1-a945c9f5aa35_20251203_101
822_833.jpg, 00:04:11, 23.13 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), Unable to see bottom of pipe due to water level



Section Inspection - 01/12/2025 - MH1X

Item No. 8	Insp. No. 1	Date 01/12/25	Time 9:45	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR MH1X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	MH1
Road:	Alexandra Road	Inspected Length:	9.75 m	Upstream Pipe Depth:	
Location:		Total Length:	9.75 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:85	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
MH1							
	0.00	ST		Start of survey: MH1	00:00:00		
	0.00	WL		Water level, 10% of sewer height	00:00:00		
	1.30	WL		Water level, 20% of sewer height	00:00:15		
	4.08	S01	DE	Debris, other, start: Debris under water	00:00:39	MH1X_f6c 90ccc-3df0 -47e2-bb8	
	7.52	F01	DE	Debris, other, finish: Debris under water	00:01:28		1
	7.59	S02	CU	Camera under water, start	00:01:25		
	9.10	F02	CU	Camera under water, finish	00:01:33		
	9.75	FH		Finish survey: MAIN	00:01:49		
MAIN							
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	1	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	MH1X		



MH1X_f6c90ccc-3df0-47e2-bb8e-0a9a94b9dba2_20251203_102836_816.jpg, 00:00:39, 4.08 m
Debris, other, start, Debris under water



MH1X_9e8a9542-dfea-42e4-922d-90372e53fa8c_20251203_102839_998.jpg, 00:00:39, 4.08 m
Debris, other, start, Debris under water



Section Inspection - 01/12/2025 - L1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	1	01/12/25	9:55	Not Specified	Not Specified	Not Specified	L1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
New Operator		New Equipment		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L1
Road:	Alexandra Road	Inspected Length:	4.90 m	Upstream Pipe Depth:	
Location:		Total Length:	4.90 m	Downstream Node:	IC2
Surface Type:		Joint Length:		Downstream Pipe Depth:	

Use:	Combined	Pipe Shape:	Circular
Type of Pipe:		Dia/Height:	100 mm
Flow Control:		Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Lining Type:	No Lining
Inspection Purpose:		Lining Material:	

Comments:	
Recommendations:	

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade	
Depth: m								
IC2								
		0.00	ST	Start of survey: IC2	00:00:00			
		0.00	WL	Water level, 5% of sewer height	00:00:01			
		0.00	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock	00:00:11	L1X_91cd 0ffd-4aeb- 4ee4-8e12	1	
		1.11	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock - holding small amount of water	00:00:22	L1X_49b0 9f59-0a70- 4085-be3e	1	
		4.40	S01	RF	Roots, fine, start	00:00:35	L1X_90ed 05bc-6bb5 -47f5-abf9-	
		4.90	F01	RF	Roots, fine, finish	00:01:52		2
		4.90	SA	Survey abandoned: Line blocked with roots	00:01:52	L1X_e758 e4d2-2c7b -48f3-9d0f-		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	1.0	0.4	2.0	1.0	1	1.0	0.2	1.0	2.0



Section Pictures - 01/12/2025 - L1X

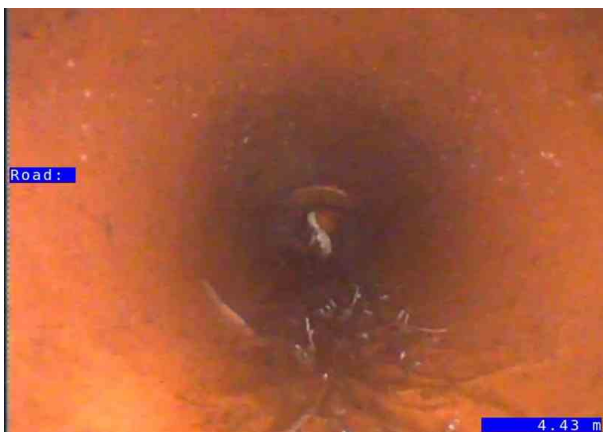
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	L1X		



L1X_91cd0ffd-4aeb-4ee4-8e12-1b3fc78f620e_20251203_103355_573.jpg, 00:00:11, 0.00 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12o'clock to 12o'clock



L1X_49b09f59-0a70-4085-be3e-0f0e73be2d4a_20251203_103502_780.jpg, 00:00:22, 1.11 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12o'clock to 12o'clock - holding small amount of water



L1X_90ed05bc-6bb5-47f5-abf9-fc47c3883b14_20251203_103532_154.jpg, 00:00:35, 4.40 m
Roots, fine, start



L1X_44dce950-c832-45b2-8a14-0ba280d066b9_20251203_103539_298.jpg, 00:00:35, 4.40 m
Roots, fine, start



Section Pictures - 01/12/2025 - L1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	L1X		



L1X_e758e4d2-2c7b-48f3-9d0f-3f911f3826b9_20251203_103
620_377.jpg, 00:01:52, 4.90 m
Survey abandoned, Line blocked with roots



Section Inspection - 01/12/2025 - L2X

Item No. 10	Insp. No. 1	Date 01/12/25	Time 10:02	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR L2X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L2
Road:	Alexandra Road	Inspected Length:	0.10 m	Upstream Pipe Depth:	
Location:		Total Length:	0.30 m	Downstream Node:	IC2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	ST	Start of survey: IC2	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:01		
		0.00	DE	Debris, other: Stones	00:00:01	L2X_985e 198a-f455- 4863-aa5c	1
		0.10	SA	Survey abandoned: Capped off	00:00:16	L2X_c8be 1bea-a494 -48c5-9e1	
		0.30		End of pipe			

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	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - L2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Upstream	L2X		



L2X_985e198a-f455-4863-aa5c-804e329f2f49_20251203_103
736_583.jpg, 00:00:01, 0.00 m
Debris, other, Stones



L2X_c8be1bea-a494-48c5-9e11-209e96547c49_20251203_1
03807_670.jpg, 00:00:16, 0.10 m
Survey abandoned, Capped off



Section Inspection - 01/12/2025 - IC3X

Item No. 11	Insp. No. 1	Date 01/12/25	Time 10:07	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR IC3X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	IC3
Road:	Alexandra Road	Inspected Length:	3.43 m	Upstream Pipe Depth:	
Location:		Total Length:	3.43 m	Downstream Node:	IC1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
IC1							
	0.00	ST	Start of survey: IC1		00:00:00		
	0.00	WL	Water level, 5% of sewer height		00:00:00		
	2.85	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 4o'clock		00:00:48	IC3X_82e d8295-6d2 3-4c8a-8ef	1
	3.43	FH	Finish survey: IC2		00:01:25		
IC3							
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	0.3	1.0	1.0	1	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - IC3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Upstream	IC3X		



IC3X_82ed8295-6d23-4c8a-8ef7-c8390ac38535_20251203_1
03941_949.jpg, 00:00:48, 2.85 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe
wall thickness), 9o'clock to 4o'clock



Section Inspection - 01/12/2025 - IC4X

Item No. 12	Insp. No. 1	Date 01/12/25	Time 10:14	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR IC4X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	IC4
Road:	Alexandra Road	Inspected Length:	1.12 m	Upstream Pipe Depth:	
Location:		Total Length:	1.12 m	Downstream Node:	IC3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	ST	Start of survey: IC3	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:00		
		0.70	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 3o'clock	00:00:13	IC4X_30f8 5ff1-7a89- 44c2-b977	1
		1.12	FH	Finish survey: IC4	00:00:19		

Construction Features

Structural Defects

Miscellaneous Features

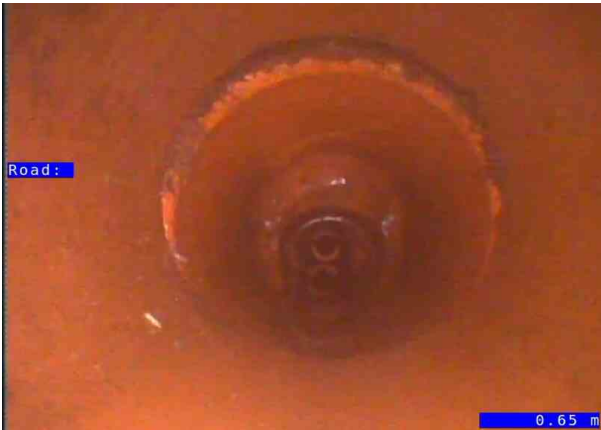
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.9	1.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - IC4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Upstream	IC4X		



IC4X_30f85ff1-7a89-44c2-b977-0775a0d9eb05_20251203_10
4135_427.jpg, 00:00:13, 0.70 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe
wall thickness), 9o'clock to 3o'clock



Section Inspection - 01/12/2025 - IC5X

Item No. 13	Insp. No. 1	Date 01/12/25	Time 10:15	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR IC5X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	IC5
Road:	Alexandra Road	Inspected Length:	1.60 m	Upstream Pipe Depth:	
Location:		Total Length:	1.60 m	Downstream Node:	IC4
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	ST	Start of survey: IC4	00:00:00		
		0.00	WL	Water level, 25% of sewer height	00:00:00		
		1.13	WL	Water level, 10% of sewer height	00:00:16		
		1.15	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 3o'clock	00:00:17	IC5X_01a a612c-d97 3-4c11-ab	1
		1.60	FH	Finish survey: IC5	00:00:22		

Construction Features

Structural Defects

Miscellaneous Features

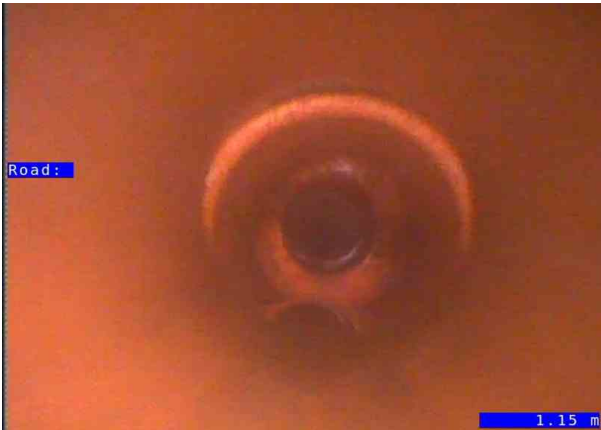
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.9	1.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - IC5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
13	Upstream	IC5X		



IC5X_01aa612c-d973-4c11-ab89-89b7a1abc1d0_20251203_104330_905.jpg, 00:00:17, 1.15 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9o'clock to 3o'clock



Section Inspection - 01/12/2025 - U/SX

Item No. 14	Insp. No. 1	Date 01/12/25	Time 10:17	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR U/SX
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	U/S
Road:	Alexandra Road	Inspected Length:	21.89 m	Upstream Pipe Depth:	
Location:		Total Length:	21.89 m	Downstream Node:	IC5
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale: 1:189	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m						
IC5						
	0.00	ST	Start of survey: IC5	00:00:00		
	0.00	WL	Water level, 5% of sewer height	00:00:01		
	0.00	JDL	Joint displaced, large (over 1.5 times the pipe wall tickness): 12o'clock to 12o'clock	00:00:01	U_SX_d2b 81afc-145 b-409c-b2	1
	1.09	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 2o'clock	00:00:17	U_SX_131 5d83b-f9d b-4ddf-9af	1
	6.11	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 4o'clock to 9o'clock	00:00:38	U_SX_9ef 3008b-2c0 2-4a29-81	1
	11.08	RM	Roots, mass	00:00:58	U_SX_536 b1336-2e1 0-4062-bdf	1
	11.10	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 9o'clock to 1o'clock	00:00:58	U_SX_ee5 23dcc-445 1-43ba-9b	1
	17.21	S01	DE Debris, other, start: Stones / Debris	00:01:29	U_SX_e23 aac85-f3d 1-46a8-94	
	18.60	JN	Junction at 3 o'clock, 100mm diameter	00:01:36		
	19.06	F01	DE Debris, other, finish: Stones / Debris	00:01:38		1
	20.26	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock	00:01:49	U_SX_932 8f0eb-69a 5-490c-afd	1
	20.65	LR	Line of sewer deviates right	00:01:49		
	21.80	LU	Line of sewer deviates up	00:02:06		
	21.89	FH	Finish survey: At line up	00:02:11		
U/S						
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	2.0	0.3	6.0	1.0	2	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - U/SX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Upstream	U/SX		



U_SX_d2b81afc-145b-409c-b27d-2755f2851e11_20251203_104420_930.jpg, 00:00:01, 0.00 m
Joint displaced, large (over 1.5 times the pipe wall thickness), 12 o'clock to 12 o'clock



U_SX_1315d83b-f9db-4ddf-9afc-24fe433f1d7b_20251203_104456_834.jpg, 00:00:17, 1.09 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9 o'clock to 2 o'clock



U_SX_9ef3008b-2c02-4a29-81b4-5271e2ca8f5d_20251203_104541_449.jpg, 00:00:38, 6.11 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 4 o'clock to 9 o'clock



U_SX_536b1336-2e10-4062-bdfd-c81599bc85a0_20251203_104624_873.jpg, 00:00:58, 11.08 m
Roots, mass

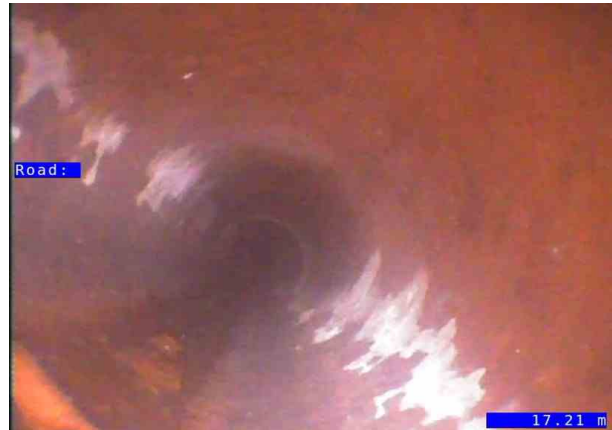


Section Pictures - 01/12/2025 - U/SX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Upstream	U/SX		



U_SX_ee523dcc-4451-43ba-9b95-2b1b84c7e0c2_20251203_104645_232.jpg, 00:00:58, 11.10 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 9 o'clock to 1 o'clock



U_SX_e23aac85-f3d1-46a8-9421-e4ee960dc4db_20251203_104740_961.jpg, 00:01:29, 17.21 m
Debris, other, start, Stones / Debris



U_SX_9328f0eb-69a5-490c-afde-69c3e01f9e95_20251203_104849_191.jpg, 00:01:49, 20.26 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12 o'clock to 12 o'clock



Section Inspection - 01/12/2025 - SVP5X

Item No. 15	Insp. No. 1	Date 01/12/25	Time 10:27	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR SVP5X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SVP5
Road:	Alexandra Road	Inspected Length:	1.73 m	Upstream Pipe Depth:	
Location:		Total Length:	1.73 m	Downstream Node:	IC3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m		0.00	ST	Start of survey: IC3	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:00		
		0.15	LL	Line of sewer deviates left	00:00:08		
		0.22	LU	Line of sewer deviates up	00:00:09		
		0.52	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock	00:00:10	SVP5X_45 2a1ebd-3a 23-437b-b	1
		1.07	LD	Line of sewer deviates down	00:00:11		
		1.55	LU	Line of sewer deviates up	00:00:14		
		1.73	FH	Finish survey: Ends at line up	00:00:20		
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
1	1.0	0.6	1.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - SVP5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
15	Upstream	SVP5X		



SVP5X_452a1ebd-3a23-437b-bb96-91026f0dcb45_20251203_105505_037.jpg, 00:00:10, 0.52 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12o'clock to 12o'clock



Section Inspection - 01/12/2025 - SVP4X

Item No. 16	Insp. No. 1	Date 01/12/25	Time 10:30	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR SVP4X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SVP4
Road:	Alexandra Road	Inspected Length:	3.19 m	Upstream Pipe Depth:	
Location:		Total Length:	3.19 m	Downstream Node:	IC4
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SVP4							
		0.00	ST	Start of survey: SVP4	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:00		
		0.51	LD	Line of sewer deviates down	00:00:13		
		2.02	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 4o'clock to 12'o'clock	00:00:20	SVP4X_66 a6968e-d7 a4-4fe5-85	1
		2.20	WL	Water level, 15% of sewer height	00:00:21		
		2.30	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock - holding water	00:00:21	SVP4X_d5 950e44-b5 b1-41be-a	1
		3.19	FH	Finish survey: IC4	00:00:27		
IC4 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
2	1.0	0.9	2.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - SVP4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Downstream	SVP4X		



SVP4X_66a6968e-d7a4-4fe5-8506-9ba4780cf1a8_20251203_134551_244.jpg, 00:00:20, 2.02 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 4 o'clock to 12 o'clock



SVP4X_d5950e44-b5b1-41be-ab3b-8ed712a09bb0_20251203_134714_243.jpg, 00:00:21, 2.30 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12 o'clock to 12 o'clock - holding water



Section Inspection - 01/12/2025 - SVP3X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
17	1	01/12/25	10:31	Not Specified	Not Specified	Not Specified	SVP3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
New Operator		New Equipment		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SVP3
Road:	Alexandra Road	Inspected Length:	1.63 m	Upstream Pipe Depth:	
Location:		Total Length:	1.63 m	Downstream Node:	IC5
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	ST	Start of survey: SVP3	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:04		
		0.26	JN	Junction at 11 o'clock, 100mm diameter	00:00:10		
		1.45	LD	Line of sewer deviates down	00:00:21		
		1.56	JDL	Joint displaced, large (over 1.5 times the pipe wall thickness): 9o'clock to 3o'clock	00:00:23	SVP3X_9a 0b19a9-f5 8c-4638-9	1
		1.63	RM	Roots, mass	00:00:29	SVP3X_05 9e008b-1e 4f-41e2-84	1
		1.63	FH	Finish survey: IC5	00:01:06		

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
1	2.0	1.2	2.0	1.0	1	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - SVP3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
17	Downstream	SVP3X		



SVP3X_9a0b19a9-f58c-4638-9b3e-c137b5c45634_20251203_134912_322.jpg, 00:00:23, 1.56 m
Joint displaced, large (over 1.5 times the pipe wall tickness), 9o'clock to 3o'clock



SVP3X_059e008b-1e4f-41e2-8482-a12eb390e000_20251203_135010_539.jpg, 00:00:29, 1.63 m
Roots, mass



SVP3X_2227dab0-1200-43ac-9585-9b920f58c9b1_20251203_135043_002.jpg, 00:00:29, 1.63 m
Roots, mass



Section Inspection - 01/12/2025 - RGY1X

Item No. 18	Insp. No. 1	Date 01/12/25	Time 10:42	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR RGY1X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	RGY1
Road:	Alexandra Road	Inspected Length:	8.30 m	Upstream Pipe Depth:	
Location:		Total Length:	8.30 m	Downstream Node:	D/S
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:72	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
RGY1							
	0.00	ST	Start of survey: RGY1	00:00:00			
	0.00	WL	Water level, 5% of sewer height	00:00:00			
	3.00	WL	Water level, 10% of sewer height	00:00:25			
	4.34	WL	Water level, 5% of sewer height	00:00:32			
	5.60	LL	Line of sewer deviates left	00:00:38			
	7.57	LR	Line of sewer deviates right	00:00:48			
	8.06	LD	Line of sewer deviates down	00:00:50			
	8.30	FH	Finish survey	00:00:57			
D/S							
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	0	0.0	0.0	0.0	1.0



Section Inspection - 01/12/2025 - RGY2X

Item No. 19	Insp. No. 1	Date 01/12/25	Time 10:47	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR RGY2X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	RGY2
Road:	Alexandra Road	Inspected Length:	5.46 m	Upstream Pipe Depth:	
Location:		Total Length:	5.46 m	Downstream Node:	D/S
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m RGY2							
		0.00	ST	Start of survey: RGY2	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:00		
		0.00	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 9o'clock - holding water	00:00:06	RGY2X_9 b5eddef-c 0cf-4677-9	1
		2.92	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 3o'clock to 9o'clock - holding water	00:00:15	RGY2X_d 6becfc0-1 a68-459f-9	1
		5.46	FH	Finish survey	00:00:22		
D/S 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
2	1.0	0.4	2.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - RGY2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
19	Downstream	RGY2X		



RGY2X_9b5eddef-c0cf-4677-97b3-fe1d8e15054e_20251203_153351_389.jpg, 00:00:06, 0.00 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 3o'clock to 9o'clock - holding water



RGY2X_d6becfc0-1a68-459f-9370-b2ec6bb59780_20251203_153349_746.jpg, 00:00:15, 2.92 m

Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 3o'clock to 9o'clock - holding water



Section Inspection - 01/12/2025 - RGY3X

Item No. 20	Insp. No. 1	Date 01/12/25	Time 10:56	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR RGY3X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	RGY3
Road:	Alexandra Road	Inspected Length:	4.46 m	Upstream Pipe Depth:	
Location:		Total Length:	4.46 m	Downstream Node:	D/S
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
RGY3							
	0.00	ST	Start of survey: RGY3	00:00:00			
	0.00	WL	Water level, 5% of sewer height	00:00:00			
	0.60	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock	00:00:07	RGY3X_fa 14638b-8e 7b-4073-b	1	
	3.70	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 8o'clock to 3o'clock	00:00:18	RGY3X_b 3cc2459-c 923-4239-	1	
	3.85	LD	Line of sewer deviates down	00:00:18			
	4.15	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness): 12o'clock to 12o'clock	00:00:19	RGY3X_4 46cb528-b b39-4c6f-b	1	
	4.46	FH	Finish survey	00:00:26			
Depth: m							
D/S							

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
3	1.0	0.7	3.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - RGY3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Downstream	RGY3X		



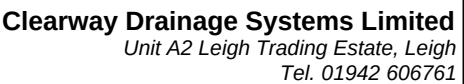
RGY3X_fa14638b-8e7b-4073-b8aa-469931047013_20251203_153922_867.jpg, 00:00:07, 0.60 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12o'clock to 12o'clock



RGY3X_b3cc2459-c923-4239-9af6-311d4437dfce_20251203_154005_866.jpg, 00:00:18, 3.70 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 8o'clock to 3o'clock



RGY3X_446cb528-bb39-4c6f-bd47-20cc33bca0bf_20251203_154050_634.jpg, 00:00:19, 4.15 m
Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness), 12o'clock to 12o'clock



Item No. 21	Insp. No. 1	Date 01/12/25	Time 11:00	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR L1X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L1
Road:	Alexandra Road	Inspected Length:	2.80 m	Upstream Pipe Depth:	
Location:		Total Length:	2.80 m	Downstream Node:	IC7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m IC7							
		0.00	ST	Start of survey: IC7	00:00:00		
		0.00	WL	Water level, 5% of sewer height	00:00:01		
		0.55	JDL	Joint displaced, large (over 1.5 times the pipe wall tickness): 3o'clock to 9o'clock	00:00:09	L1X_d608 0f05-9855- 4189-83b4	1
		1.48	LU	Line of sewer deviates up	00:00:24		
		2.80	FH	Finish survey: Ends at line up	00:00:40		
Depth: m L1							

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	2.0	0.7	2.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - L1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	L1X		



L1X_d6080f05-9855-4189-83b4-fd962dc0b6a8_20251203_15
4617_625.jpg, 00:00:09, 0.55 m

Joint displaced, large (over 1.5 times the pipe wall tickness),
3o'clock to 9o'clock



Section Inspection - 01/12/2025 - L2X

Item No. 22	Insp. No. 1	Date 01/12/25	Time 11:07	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR L2X
Operator New Operator		Vehicle New Equipment		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	L2
Road:	Alexandra Road	Inspected Length:	5.88 m	Upstream Pipe Depth:	
Location:		Total Length:	5.88 m	Downstream Node:	IC7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:51	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
IC7							
	0.00	ST		Start of survey: IC7	00:00:00		
	0.00	WL		Water level, 5% of sewer height	00:00:00		
	1.29	LU		Line of sewer deviates up	00:00:11		
	1.29	LL		Line of sewer deviates left	00:00:21		
	1.78	S01	DE	Debris, other, start: Stones / Debris	00:00:37	L2X_864d 693f-5394- 49b7-8795	
	4.62	F01	DE	Debris, other, finish: Stones / Debris	00:00:50		1
	4.62	LL		Line of sewer deviates left	00:00:51		
	5.88	FH		Finish survey	00:02:01		
L2							
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	1	0.0	0.0	0.0	1.0



Section Pictures - 01/12/2025 - L2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Upstream	L2X		



L2X_864d693f-5394-49b7-8795-e8f0b3c6c3bd_20251203_15
5459_486.jpg, 00:00:37, 1.78 m
Debris, other, start, Stones / Debris