CCTV Drainage Survey Report

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

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Project

Project Name:	Drumlisch Ltd - Grimshaw Lane - LSO0381562 1
Project Status:	Complete
Project Date:	19/07/2024
Lanes Division:	Manchester

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Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Project Information P-1
Section Profile P-5
Section Item 1: SW146 > SW147 (SW146X) 1
Section Item 2: SW145 > SW146 (SW145X) 3
Section Item 3: RWP > SW145 (RWPX) 5
Section Item 4: SW135 > SW136 (SW135X) 7
Section Item 5: RWP > SW135 (RWPY) 9
Section Item 6: SW149 > SW152 (SW149X) 11
Section Item 7: RWP1 > SW149 (RWP1X) 13
Section Item 8: SW144 > SW148 (SW144X) 15
Section Item 9: SW147 > SW148 (SW147X) 17
Section Item 10: SW148 > SW150 (SW148X) 19
Section Item 11: SW150 > SW152 (SW150X) 21
Section Item 12: SW141 > SW140 (SW141X) 23
Section Item 13: SW139 > SW140 (SW139X) 25
Section Item 14: SW141 > SW153 (SW141Y) 27
Section Item 15: Gully 1 > SW139 (Gully 1X) 29
Section Item 16: RWP2 > SW139 (RWP2X) 31
Section Item 17: SW143 > SW144 (SW143X) 33
Section Item 18: SW142 > SW143 (SW142X) 35
Section Item 19: SW142 > RWP3 (SW142Y) 37
Section Item 20: SW 125 > SW126 (SW 125X) 39
Section Item 21: SW124 > SW 125 (SW124X) 41
Section Item 22: Gully > SW156 (GullyX) 43
Section Item 23: SW156 > SW157 (SW156X) 45
Section Item 24: Gully > SW155 (GullyY) 47
Section Item 25: SW155 > SW157 (SW155X) 49
Section Item 26: Unmarked > SW103 (UnmarkedX) 51
Section Item 27: RWP > SW111 (RWPX) 53

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 28: SW112 > SW114 (SW112X) 55
Section Item 29: RWP > SW112 (RWPY) 57
Section Item 30: SW111 > SW112 (SW111X) 59
Section Item 31: RWP > SW113 (RWPZ) 61
Section Item 32: RWP > SW114 (RWPA) 63
Section Item 33: SW113 > SW114 (SW113X) 65
Section Item 34: RE > SW115 (REX) 67
Section Item 35: RWP > SW115 (RWPB) 69
Section Item 36: SW130 > SW131 (SW130X) 71
Section Item 37: SW153 > SW154 (SW153X) 73
Section Item 38: SW128 > SW129 (SW128X) 75
Section Item 39: SW132 > SW133 (SW132X) 77
Section Item 40: SW131 > SW132 (SW131X) 79
Section Item 41: SW136 > SW137 (SW136X) 81
Section Item 42: SW110 > SW129 (SW110X) 83
Section Item 43: SW129 > SW133 (SW129X) 85
Section Item 44: SW138A > SW157 (SW138AX) 87
Section Item 45: SW133 > SW138 (SW133X) 89
Section Item 46: SW137 > SW138 (SW137X) 91
Section Item 47: SW154 > SW138A (SW154X) 93
Section Item 48: SW115 > SW116 (SW115X) 95
Section Item 49: SW138 > SW154 (SW138X) 97
Section Item 50: SW118 > SW129 (SW118X) 99
Section Item 51: SW126 > SW127 (SW126X) 101
Section Item 52: SW116 > SW118 (SW116X) 103
Section Item 53: SW152 > SW153 (SW152X) 105
Section Item 54: SW114 > SW118 (SW114X) 107
Section Item 55: SW127 > SW128 (SW127X) 109
Section Item 56: SW134 > SW132 (SW134X) 111

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 57: UC01 > FW104 (UC01X) 113
Section Item 58: UC02 > FW104 (UC02X) 115
Section Item 59: UC03 > FW104 (UC03X) 117
Section Item 60: FW104 > FW103 (FW104X) 119
Section Item 61: UC04 > FW103 (UC04X) 121
Section Item 62: UC05 > FW103 (UC05X) 123
Section Item 64: FW102 > FW105 (FW102X) 125
Section Item 65: UC06 > FW105 (UC06X) 127
Section Item 66: FW103 > UC06 (FW103X) 128
Section Item 67: FW101 > FW102 (FW101X) 130
Section Item 68: UC07 > FW102 (UC07X) 132
Section Item 69: FW204 > FW101 (FW204X) 134
Section Item 70: UC08 > FW129 (UC08X) 136
Section Item 71: FW129 > UC09 (FW129X) 138
Section Item 72: UC10 > FW111 (UC10X) 140
Section Item 73: UC11 > FW111 (UC11X) 142
Section Item 74: UC12 > FW111 (UC12X) 144
Section Item 75: FW111 > FW112 (FW111X) 146
Section Item 76: FW112 > FW113 (FW112X) 148
Section Item 77: UC13 > FW112 (UC13X) 150
Section Item 78: UC14 > FW112 (UC14X) 152
Section Item 79: UC14A > FW110 (UC14AX) 154
Section Item 80: UC15 > FW110 (UC15X) 156
Section Item 81: UC16 > UC18 (UC16X) 158
Section Item 82: UC17 > UC18 (UC17X) 160
Section Item 83: FW110 > FW113 (FW110X) 162
Section Item 84: FW113 > FW114 (FW113X) 163
Section Item 85: UC19 > FW114 (UC19X) 165
Section Item 86: FW114 > FW115 (FW114X) 167

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 87: UC20 > FW121 (UC20X) 169
Section Item 88: UC21 > FW121 (UC21X) 171
Section Item 89: FW121 > FW122 (FW121X) 173
Section Item 90: UC22 > FW122 (UC22X) 175
Section Item 91: UC23 > FW122 (UC23X) 177
Section Item 92: FW122 > FW125 (FW122X) 179
Section Item 93: UC24 > FW123 (UC24X) 181
Section Item 94: UC25 > FW123 (UC25X) 183
Section Item 95: UC26 > FW123 (UC26X) 185
Section Item 96: UC27 > FW123 (UC27X) 187
Section Item 97: UC28 > FW124 (UC28X) 189
Section Item 98: UC29 > FW124 (UC29X) 191
Section Item 99: UC30 > FW125 (UC30X) 193
Section Item 100: UC31 > FW125 (UC31X) 195
Section Item 101: FW124 > FW125 (FW124X) 197
Section Item 102: FW125 > FW126 (FW125X) 199
Section Item 103: UC32 > FW126 (UC32X) 201
Section Item 104: UC33 > FW126 (UC33X) 203
Section Item 105: FW120 > FW126 (FW120X) 205
Section Item 106: FW126 > FW116B (FW126X) 207
Section Item 107: UC34 > FW127 (UC34X) 209
Section Item 108: UC35 > FW127 (UC35X) 211
Section Item 109: FW127 > MAIN (FW127X) 213
Section Item 110: UC36 > FW117 (UC36X) 215
Section Item 111: UC37 > FW117 (UC37X) 217
Section Item 112: UC38 > FW117 (UC38X) 219
Section Item 113: FW117 > FW118 (FW117X) 221
Section Item 114: UC39 > FW118 (UC39X) 223
Section Item 115: UC40 > FW118 (UC40X) 225

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 116: FW118 > FW119 (FW118X) 227
Section Item 117: UC41 > FW119 (UC41X) 229
Section Item 118: UC42 > FW119 (UC42X) 231
Section Item 119: UC43 > FW120 (UC43X) 233
Section Item 120: UC44 > FW120 (UC44X) 235
Section Item 121: FW119 > FW120 (FW119X) 237
Section Item 122: UC45 > FW108 (UC45X) 239
Section Item 123: UC46 > FW108 (UC46X) 241
Section Item 124: UC47 > FW108 (UC47X) 243
Section Item 125: FW108 > FW109 (FW108X) 245
Section Item 126: UC48 > FW109 (UC48X) 247
Section Item 127: FW109 > FW115 (FW109X) 249
Section Item 128: FW107 > FW15 (FW107X) 251
Section Item 129: FW106 > FW107 (FW106X) 253
Section Item 130: FW105 > FW106 (FW105X) 255
Section Item 131: FW116A > FW116B (FW116AX) 257
Section Item 132: FW116 > FW116A (FW116X) 259
Section Item 133: FW115 > FW116 (FW115X) 261
Section Item 134: FW116B > FW116C (FW116BX) 262
Section Item 135: FW128 > FW116A (FW128X) 264
Section Item 136: UC49 > FW128 (UC49X) 266
Section Item 137: UC50 > MAIN (UC50X) 268
Section Item 138: UC51 > FW116C (UC51X) 270
Section Item 139: SW204 > SW103 (SW204X) 272
Section Item 140: SW106 > SW107 (SW106X) 274
Section Item 141: SW105 > SW106 (SW105X) 276
Section Item 142: SW104 > SW105 (SW104X) 278
Section Item 143: SW103 > SW107 (SW103X) 280
Section Item 144: TANK 1 > SW109 (TANK 1X) 282

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 145: SW107 > SW109 (SW107X) 284
Section Item 146: SW108 > SW109 (SW108X) 286
Section Item 147: UC52 > SW108 (UC52X) 288
Section Item 148: SW109 > SW110 (SW109X) 290

Lanes Group plc
300 Lansdowne Rd,, Monton, Eccles, M30 9PJ
Tel. 0161 788 2222
cctvsurveys@lanesgroup.co.uk

Project Information

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Client

Company: Drumlisch Limited
Street: 60A Hayes Lane
Town or City: Lye
Post Code: DY9 8RD

Site

Company: Drumlisch Limited
Street: Grimshaw Lane
Post Code: M40 2BA

Contractor

Company: Lanes Group plc
Description: Manchester Depot
Contact: Paul Lynch
Department: Depot Manager
Street: 300 Lansdowne Rd,
Town or City: Monton, Eccles, M30 9PJ
County: Lancashire
Phone: 0161 788 2222
Email: Manchesterops@lanesgroup.co.uk

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Project Information

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Project Summary

Dear Customer,

As requested, we have recently carried out a drainage CCTV survey at the site location and our full and detailed findings are contained in the attached CCTV report which you can review at your leisure.

We have identified the need for further works and will provide a quotation which will highlight the areas of concern, the most appropriate remedial technique and all associated costings.

We would like to take this opportunity to thank you for using Lanes Group plc and we hope we can be of service to you again soon. Please visit our website for full details of all services we can provide, follow us on social media or even share details of your customer experience with us:

www.lanesgroup.co.uk

If you require any technical assistance understanding the findings of the CCTV report then please contact us at:

cctvsurveys@lanesgroup.co.uk

Kind regards,
Lanes Group plc

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Project Information

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Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Project Notes

Summary of issues highlighted by survey:

Section 27: Deformed drain 10%

Section 66: Settled deposits 10%

Section 77: Obstacle in line 10%

Section 96: Settled deposits 10%

Section 125: Settled deposits 20%

Section 129: Settled deposits 80%

Section 136: Obstacle in line 5%

Section 137: Settled deposits 10%

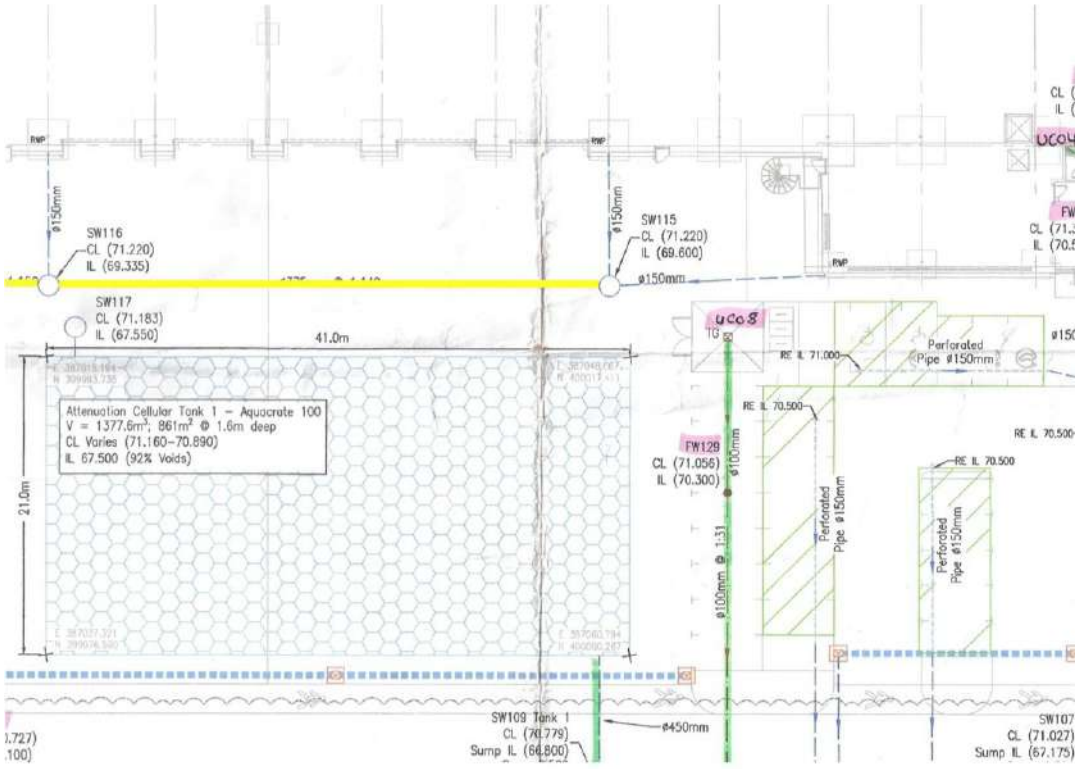
Section 145: Deformed drain 10%

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Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Project Drawing, Page 'Drumlisch Ltd - Grimshaw Lane - LSO0381562 1'



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Section Profile

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

C, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
57	UC01	FW104	24/06/2024	Grimshaw Lane	PVC	10.05 m	10.05 m
58	UC02	FW104	24/06/2024	Grimshaw Lane	PVC	5.02 m	5.02 m
59	UC03	FW104	24/06/2024	Grimshaw Lane	PVC	3.34 m	3.34 m
60	FW104	FW103	24/06/2024	Grimshaw Lane	PVC	1.59 m	1.59 m
61	UC04	FW103	24/06/2024	Grimshaw Lane	PVC	10.92 m	10.92 m
62	UC05	FW103	24/06/2024	Grimshaw Lane	PVC	2.14 m	2.14 m
65	UC06	FW105	24/06/2024	Grimshaw Lane	PVC	4.04 m	4.04 m
66	FW103	UC06	24/06/2024	Grimshaw Lane	PVC	37.25 m	37.25 m
67	FW101	FW102	24/06/2024	Grimshaw Lane	PVC	42.99 m	42.99 m
68	UC07	FW102	24/06/2024	Grimshaw Lane	PVC	8.93 m	8.93 m
69	FW204	FW101	24/06/2024	Grimshaw Lane	PVC	21.57 m	21.57 m
70	UC08	FW129	24/06/2024	Grimshaw Lane	PVC	12.17 m	12.17 m
71	FW129	UC09	24/06/2024	Grimshaw Lane	PVC	21.03 m	21.03 m
72	UC10	FW111	25/06/2024	Grimshaw Lane	PVC	7.86 m	7.86 m
73	UC11	FW111	25/06/2024	Grimshaw Lane	PVC	3.49 m	3.49 m
74	UC12	FW111	25/06/2024	Grimshaw Lane	PVC	2.36 m	2.36 m
75	FW111	FW112	25/06/2024	Grimshaw Lane	PVC	1.45 m	1.45 m
76	FW112	FW113	25/06/2024	Grimshaw Lane	PVC	16.96 m	16.96 m
77	UC13	FW112	25/06/2024	Grimshaw Lane	PVC	11.67 m	11.67 m
78	UC14	FW112	25/06/2024	Grimshaw Lane	PVC	2.72 m	2.72 m
79	UC14A	FW110	25/06/2024	Grimshaw Lane	PVC	13.52 m	13.52 m
80	UC15	FW110	25/06/2024	Grimshaw Lane	PVC	11.36 m	11.36 m
81	UC16	UC18	25/06/2024	Grimshaw Lane	PVC	18.89 m	18.89 m
82	UC17	UC18	25/06/2024	Grimshaw Lane	PVC	14.75 m	14.75 m
83	FW110	FW113	25/06/2024	Grimshaw Lane	PVC	9.37 m	9.37 m
84	FW113	FW114	25/06/2024	Grimshaw Lane	PVC	7.17 m	7.17 m
85	UC19	FW114	25/06/2024	Grimshaw Lane	PVC	22.40 m	22.40 m
86	FW114	FW115	25/06/2024	Grimshaw Lane	PVC	25.31 m	25.31 m
87	UC20	FW121	25/06/2024	Grimshaw Lane	PVC	11.74 m	11.74 m
88	UC21	FW121	25/06/2024	Grimshaw Lane	PVC	9.65 m	9.65 m
89	FW121	FW122	25/06/2024	Grimshaw Lane	PVC	5.02 m	5.02 m
90	UC22	FW122	25/06/2024	Grimshaw Lane	PVC	9.84 m	9.84 m
91	UC23	FW122	25/06/2024	Grimshaw Lane	PVC	11.93 m	11.93 m
92	FW122	FW125	25/06/2024	Grimshaw Lane	PVC	30.78 m	30.78 m
93	UC24	FW123	25/06/2024	Grimshaw Lane	PVC	6.20 m	6.20 m
94	UC25	FW123	25/06/2024	Grimshaw Lane	PVC	12.65 m	12.65 m
95	UC26	FW123	25/06/2024	Grimshaw Lane	PVC	8.91 m	8.91 m
96	UC27	FW123	25/06/2024	Grimshaw Lane	PVC	11.01 m	11.01 m
97	UC28	FW124	25/06/2024	Grimshaw Lane	PVC	10.74 m	10.74 m
98	UC29	FW124	25/06/2024	Grimshaw Lane	PVC	9.28 m	9.28 m
99	UC30	FW125	25/06/2024	Grimshaw Lane	PVC	12.94 m	12.94 m
100	UC31	FW125	25/06/2024	Grimshaw Lane	PVC	7.78 m	7.78 m
101	FW124	FW125	25/06/2024	Grimshaw Lane	PVC	0.55 m	0.55 m
102	FW125	FW126	25/06/2024	Grimshaw Lane	PVC	25.50 m	25.50 m
103	UC32	FW126	26/06/2024	Grimshaw Lane	PVC	6.18 m	6.18 m
104	UC33	FW126	26/06/2024	Grimshaw Lane	PVC	4.92 m	4.92 m
105	FW120	FW126	26/06/2024	Grimshaw Lane	PVC	29.59 m	29.59 m
107	UC34	FW127	26/06/2024	Grimshaw Lane	PVC	12.08 m	12.08 m
108	UC35	FW127	26/06/2024	Grimshaw Lane	PVC	5.50 m	5.50 m
109	FW127	MAIN	26/06/2024	Grimshaw Lane	PVC	13.01 m	13.01 m
110	UC36	FW117	26/06/2024	Grimshaw Lane	PVC	10.44 m	10.44 m
111	UC37	FW117	26/06/2024	Grimshaw Lane	PVC	10.41 m	10.41 m

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Section Profile

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

112	UC38	FW117	26/06/2024	Grimshaw Lane	PVC	9.24 m	9.24 m
113	FW117	FW118	26/06/2024	Grimshaw Lane	PVC	0.14 m	0.14 m
114	UC39	FW118	26/06/2024	Grimshaw Lane	PVC	13.08 m	13.08 m
115	UC40	FW118	26/06/2024	Grimshaw Lane	PVC	5.44 m	5.44 m
116	FW118	FW119	26/06/2024	Grimshaw Lane	PVC	41.88 m	41.88 m
117	UC41	FW119	26/06/2024	Grimshaw Lane	PVC	7.16 m	7.16 m
118	UC42	FW119	26/06/2024	Grimshaw Lane	PVC	13.14 m	13.14 m
119	UC43	FW120	26/06/2024	Grimshaw Lane	VC	10.14 m	10.14 m
120	UC44	FW120	26/06/2024	Grimshaw Lane	PVC	11.07 m	11.07 m
121	FW119	FW120	26/06/2024	Grimshaw Lane	PVC	0.19 m	0.19 m
122	UC45	FW108	26/06/2024	Grimshaw Lane	PVC	9.38 m	9.38 m
123	UC46	FW108	26/06/2024	Grimshaw Lane	PVC	11.26 m	11.26 m
124	UC47	FW108	26/06/2024	Grimshaw Lane	PVC	11.20 m	11.20 m
125	FW108	FW109	26/06/2024	Grimshaw Lane	PVC	11.73 m	11.73 m
126	UC48	FW109	26/06/2024	Grimshaw Lane	PVC	9.06 m	9.06 m
127	FW109	FW115	26/06/2024	Grimshaw Lane	PVC	26.97 m	26.97 m
135	FW128	FW116A	27/06/2024	Grimshaw Lane	PVC	26.47 m	26.47 m
136	UC49	FW128	27/06/2024	Grimshaw Lane	PF	10.69 m	10.69 m
137	UC50	MAIN	27/06/2024	Grimshaw Lane	PVC	10.31 m	10.31 m

Total: 71 Inspections x C 100 mm = 865.52 m Total Length and 865.52 m Inspected Length

C, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
2	SW145	SW146	08/07/2024	Grimshaw Lane	PLR	14.62 m	14.62 m
3	RWP	SW145	08/07/2024	Grimshaw Lane	PLR	9.54 m	9.54 m
4	SW135	SW136	08/07/2024	Grimshaw Lane	PLR	22.54 m	22.54 m
5	RWP	SW135	08/07/2024	Grimshaw Lane	PLR	18.47 m	18.47 m
6	SW149	SW152	05/07/2024	Grimshaw Lane	PLR	21.21 m	21.21 m
7	RWP1	SW149	05/07/2024	Grimshaw Lane	PLR	11.20 m	11.20 m
13	SW139	SW140	05/07/2024	Grimshaw Lane	PLR	16.65 m	16.65 m
15	Gully 1	SW139	05/07/2024	Grimshaw Lane	PLR	3.41 m	3.41 m
16	RWP2	SW139	05/07/2024	Grimshaw Lane	PLR	5.61 m	5.61 m
18	SW142	SW143	05/07/2024	Grimshaw Lane	PLR	15.63 m	15.63 m
19	SW142	RWP3	05/07/2024	Grimshaw Lane	PLR	6.35 m	6.35 m
22	Gully	SW156	09/07/2024	Grimshaw Lane	PLR	15.61 m	15.61 m
26	Unmarked	SW103	09/07/2024	Grimshaw Lane	PLR	19.67 m	19.67 m
27	RWP	SW111	09/07/2024	Grimshaw Lane	PLR	21.55 m	21.55 m
29	RWP	SW112	09/07/2024	Grimshaw Lane	PLR	3.43 m	3.43 m
30	SW111	SW112	09/07/2024	Grimshaw Lane	PLR	31.42 m	31.42 m
31	RWP	SW113	09/07/2024	Grimshaw Lane	PLR	0.76 m	0.76 m
32	RWP	SW114	09/07/2024	Grimshaw Lane	PLR	1.04 m	1.04 m
33	SW113	SW114	09/07/2024	Grimshaw Lane	PLR	21.09 m	21.09 m
34	RE	SW115	09/07/2024	Grimshaw Lane	PLR	16.82 m	16.82 m
35	RWP	SW115	09/07/2024	Grimshaw Lane	PLR	12.31 m	12.31 m
36	SW130	SW131	09/07/2024	Grimshaw Lane	PLR	20.76 m	20.76 m
64	FW102	FW105	24/06/2024	Grimshaw Lane	PVC	33.85 m	33.85 m
106	FW126	FW116B	26/06/2024	Grimshaw Lane	PVC	20.45 m	20.45 m
128	FW107	FW15	26/06/2024	Grimshaw Lane	PVC	21.62 m	21.62 m
129	FW106	FW107	26/06/2024	Grimshaw Lane	PVC	41.94 m	41.94 m
130	FW105	FW106	26/06/2024	Grimshaw Lane	PVC	43.15 m	43.15 m
131	FW116A	FW116B	27/06/2024	Grimshaw Lane	PVC	43.99 m	43.99 m
132	FW116	FW116A	27/06/2024	Grimshaw Lane	PVC	43.75 m	43.75 m
133	FW115	FW116	27/06/2024	Grimshaw Lane	PVC	44.80 m	44.80 m
134	FW116B	FW116C	27/06/2024	Grimshaw Lane	PVC	12.17 m	12.17 m

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Section Profile

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

138	UC51	FW116C	27/06/2024	Grimshaw Lane	PVC	12.74 m	12.74 m

Total: 32 Inspections x C 150 mm = 628.15 m Total Length and 628.15 m Inspected Length

C, 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
1	SW146	SW147	08/07/2024	Grimshaw Lane	PLR	28.62 m	28.62 m
12	SW141	SW140	05/07/2024	Grimshaw Lane	PLR	45.03 m	45.03 m
14	SW141	SW153	05/07/2024	Grimshaw Lane	PLR	29.72 m	29.72 m
17	SW143	SW144	05/07/2024	Grimshaw Lane	PLR	35.44 m	35.44 m
21	SW124	SW 125	09/07/2024	Grimshaw Lane	PLR	10.29 m	10.29 m
23	SW156	SW157	09/07/2024	Grimshaw Lane	PLR	7.36 m	7.36 m
24	Gully	SW155	09/07/2024	Grimshaw Lane	PLR	21.41 m	21.41 m
28	SW112	SW114	09/07/2024	Grimshaw Lane	PLR	4.60 m	4.60 m
41	SW136	SW137	04/07/2024	Grimshaw Lane	PLR	43.66 m	43.66 m
56	SW134	SW132	04/07/2024	Grimshaw Lane	PLR	32.35 m	32.35 m
147	UC52	SW108	28/06/2024	Grimshaw Lane	PVC	2.31 m	2.31 m

Total: 11 Inspections x C 225 mm = 260.79 m Total Length and 260.79 m Inspected Length

C, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
8	SW144	SW148	05/07/2024	Grimshaw Lane	PLR	29.67 m	29.67 m
9	SW147	SW148	05/07/2024	Grimshaw Lane	PLR	27.46 m	27.46 m
20	SW 125	SW126	09/07/2024	Grimshaw Lane	PLR	37.93 m	37.93 m
25	SW155	SW157	09/07/2024	Grimshaw Lane	PLR	9.72 m	9.72 m
37	SW153	SW154	04/07/2024	Grimshaw Lane	PLR	12.32 m	12.32 m
40	SW131	SW132	04/07/2024	Grimshaw Lane	PLR	29.27 m	29.27 m
46	SW137	SW138	04/07/2024	Grimshaw Lane	PLR	42.43 m	42.43 m
53	SW152	SW153	04/07/2024	Grimshaw Lane	PLR	35.71 m	35.71 m
54	SW114	SW118	04/07/2024	Grimshaw Lane	PLR	45.91 m	45.91 m
139	SW204	SW103	27/06/2024	Grimshaw Lane	PVC	57.33 m	57.33 m
142	SW104	SW105	27/06/2024	Grimshaw Lane	PVC	31.34 m	31.34 m
146	SW108	SW109	28/06/2024	Grimshaw Lane	PVC	42.24 m	42.24 m

Total: 12 Inspections x C 300 mm = 401.33 m Total Length and 401.33 m Inspected Length

C, 375 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
10	SW148	SW150	05/07/2024	Grimshaw Lane	PLR	18.36 m	18.36 m
11	SW150	SW152	05/07/2024	Grimshaw Lane	PLR	3.11 m	3.11 m
39	SW132	SW133	04/07/2024	Grimshaw Lane	PLP	8.40 m	8.40 m
48	SW115	SW116	04/07/2024	Grimshaw Lane	PLR	39.09 m	39.09 m
50	SW118	SW129	04/07/2024	Grimshaw Lane	PLR	37.41 m	**37.41 m**
51	SW126	SW127	04/07/2024	Grimshaw Lane	PLR	3.68 m	3.68 m
52	SW116	SW118	04/07/2024	Grimshaw Lane	PLR	38.54 m	38.54 m

Total: 7 Inspections x C 375 mm = 148.60 m Total Length and 148.59 m Inspected Length

C, 450 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
55	SW127	SW128	04/07/2024	Grimshaw Lane	PLR	10.90 m	10.90 m
140	SW106	SW107	27/06/2024	Grimshaw Lane	PVC	29.21 m	29.21 m

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Section Profile

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

141	SW105	SW106	27/06/2024	Grimshaw Lane	PVC	50.02 m	50.02 m
144	TANK 1	SW109	28/06/2024	Grimshaw Lane	PVC	5.04 m	5.04 m

Total: 4 Inspections x C 450 mm = 95.17 m Total Length and 95.17 m Inspected Length

C, 600 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
42	SW110	SW129	03/07/2024	Grimshaw Lane	PVC	12.07 m	12.07 m
44	SW138A	SW157	03/07/2024	Grimshaw Lane	PLR	36.82 m	36.82 m
47	SW154	SW138A	04/07/2024	Grimshaw Lane	PLR	6.14 m	6.14 m
49	SW138	SW154	04/07/2024	Grimshaw Lane	PLR	43.51 m	43.51 m
143	SW103	SW107	27/06/2024	Grimshaw Lane	PVC	42.71 m	42.71 m
145	SW107	SW109	28/06/2024	Grimshaw Lane	PVC	38.68 m	38.68 m
148	SW109	SW110	28/06/2024	Grimshaw Lane	PVC	61.82 m	61.82 m

Total: 7 Inspections x C 600 mm = 241.75 m Total Length and 241.75 m Inspected Length

C, 675 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
38	SW128	SW129	04/07/2024	Grimshaw Lane	PLR	13.94 m	13.94 m

Total: 1 Inspection x C 675 mm = 13.94 m Total Length and 13.94 m Inspected Length

C, 750 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
43	SW129	SW133	03/07/2024	Grimshaw Lane	PLR	47.50 m	47.50 m
45	SW133	SW138	03/07/2024	Grimshaw Lane	PLR	21.96 m	21.96 m

Total: 2 Inspections x C 750 mm = 69.46 m Total Length and 69.46 m Inspected Length

Total: 147 Inspections = 2724.71 m Total Length and 2724.71 m Inspected Length

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Section Inspection - 08/07/2024 - SW146X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
1	1	08/07/24	9:06	LSO0381562	Dry	Yes	SW146X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW146
Road:	Grimshaw Lane	**Inspected Length:**	28.62 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	28.62 m	**Downstream Node:**	SW147
Surface Type:	Soil	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:248

Position [m]	Code	Observation	Grade
Depth: m			
SW146			
0.00	MH	Start node, manhole, reference: SW147	
0.00	WL	Water level, 5% of the vertical dimension	
0.06	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
28.62	MHF	Finish node, manhole, reference: SW147	
SW147			
Depth: m			


MH - 0.00


MHF - 28.62

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

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Section Pictures - 08/07/2024 - SW146X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
1	Downstream	SW146X	1	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW147



2, 00:01:23, 28.62 m
Finish node, manhole, reference: SW147

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Section Inspection - 08/07/2024 - SW145X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
2	1	08/07/24	9:06	LSO0381562	Dry	Yes	SW145X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW145
Road:	Grimshaw Lane	**Inspected Length:**	14.62 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	14.62 m	**Downstream Node:**	SW146
Surface Type:	Soil	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:127

Position [m]	Code	Observation	Grade
Depth: m SW146			
0.00	MH	Start node, manhole, reference: SW146	
0.00	WL	Water level, 5% of the vertical dimension	
14.62	MHF	Finish node, manhole, reference: SW145	
SW145 Depth: m			


MH - 0.00


MHF - 14.62

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

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Section Pictures - 08/07/2024 - SW145X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
2	Upstream	SW145X	2	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW146



2, 00:00:34, 14.62 m
Finish node, manhole, reference: SW145

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Section Inspection - 08/07/2024 - RWPX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
3	1	08/07/24	9:06	LSO0381562	Dry	Yes	RWPX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	9.54 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	9.54 m	**Downstream Node:**	SW145
Surface Type:	Soil	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:83

Position [m]	Code	Observation	Grade
		Depth: m	
		SW145	
0.00	MH	Start node, manhole, reference: SW145	
0.00	WL	Water level, 5% of the vertical dimension	
6.43	MCVC	Material changes to vitrified clay	
8.96	LU	Line deviates up	
8.96	LU	Line deviates up	
9.54	OCF	Finish node, other special chamber, reference: RWP: In RWP	
		RWP	
		Depth: m	


MH - 0.00


OCF - 9.54

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

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Section Pictures - 08/07/2024 - RWPX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
3	Upstream	RWPX	3	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW145



2, 00:00:40, 9.54 m
Finish node, other special chamber, reference: RWP, In RWP

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Section Inspection - 08/07/2024 - SW135X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
4	1	08/07/24	9:06	LSO0381562	Dry	Yes	SW135X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW135
Road:	Grimshaw Lane	**Inspected Length:**	22.54 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	22.54 m	**Downstream Node:**	SW136
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:196

Position [m]	Code	Observation	Grade
		Depth: m	
		SW136	
0.00	MH	Start node, manhole, reference: SW136	
0.00	WL	Water level, 5% of the vertical dimension	
22.54	MHF	Finish node, manhole, reference: SW135	
		SW135	
		Depth: m	


MH - 0.00


MHF - 22.54

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

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Section Pictures - 08/07/2024 - SW135X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
4	Upstream	SW135X	4	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW136



2, 00:01:03, 22.54 m
Finish node, manhole, reference: SW135

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Section Inspection - 08/07/2024 - RWPY

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
5	1	08/07/24	9:06	LSO0381562	Dry	Yes	RWPY

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	18.47 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	18.47 m	**Downstream Node:**	SW135
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

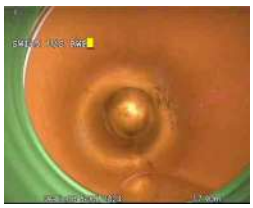
Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:160

Position [m]	Code	Observation	Grade
		Depth: m **SW135**	
0.00	MH	Start node, manhole, reference: SW135	
0.00	WL	Water level, 5% of the vertical dimension	
17.47	LR	Line deviates right	
17.90	MCVC	Material changes to vitrified clay	
18.46	LU	Line deviates up	
18.47	OCF	Finish node, other special chamber, reference: RWP: In RWP	
		RWP **Depth: m**	


MH - 0.00


MCVC - 17.90


OCF - 18.47

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

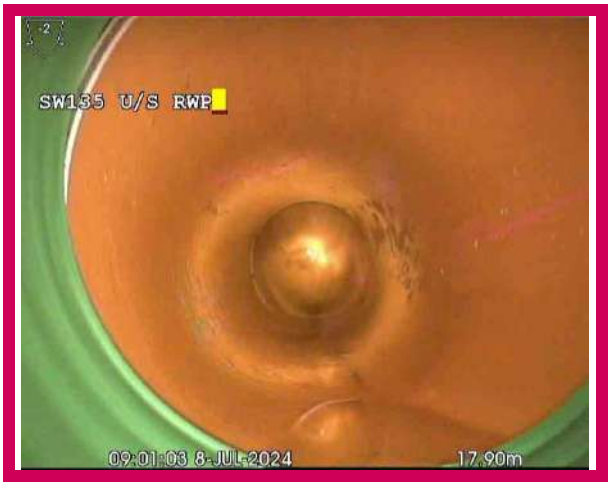
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Section Pictures - 08/07/2024 - RWPY

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
5	Upstream	RWPY	5	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW135



2, 00:00:50, 17.90 m
Material changes to vitrified clay



3, 00:00:55, 18.47 m
Finish node, other special chamber, reference: RWP, In RWP

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Section Inspection - 05/07/2024 - SW149X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
6	1	05/07/24	8:17	LSO0381562	Dry	Yes	SW149X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

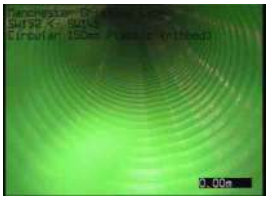
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW149
Road:	Grimshaw Lane	**Inspected Length:**	21.21 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	21.21 m	**Downstream Node:**	SW152
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

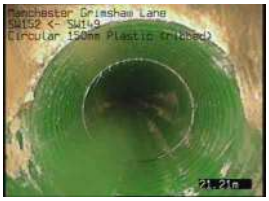
Comments:
Recommendations:

Scale: 1:184

Position [m]	Code	Observation	Grade
		Depth: m	
		SW152	
0.00	MH	Start node, manhole, reference: SW152	
0.00	WL	Water level, 5% of the vertical dimension	
8.28	JN	Junction at 2 o'clock, diameter: 150mm	
9.94	JN	Junction at 2 o'clock, diameter: 150mm	
21.21	MHF	Finish node, manhole, reference: SW149	
		SW149	
		Depth: m	



MH - 0.00



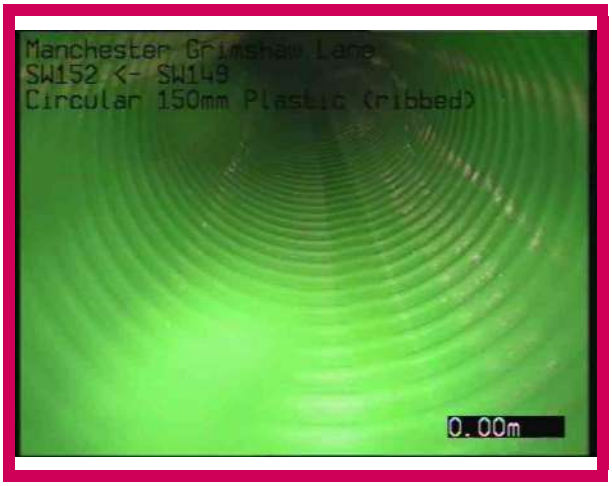
MHF - 21.21

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

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Section Pictures - 05/07/2024 - SW149X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
6	Upstream	SW149X	6	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW152



2, 00:02:46, 21.21 m
Finish node, manhole, reference: SW149

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Section Inspection - 05/07/2024 - RWP1X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
7	1	05/07/24	8:23	LSO0381562	Dry	Yes	RWP1X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

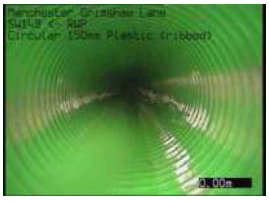
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP1
Road:	Grimshaw Lane	**Inspected Length:**	11.20 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	11.20 m	**Downstream Node:**	SW149
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:97

Position [m]	Code	Observation	Grade
		Depth: m **SW149**	
0.00	MH	Start node, manhole, reference: SW149	
0.00	WL	Water level, 5% of the vertical dimension	
11.16	LR	Line deviates right	
11.20	OCF	Finish node, other special chamber, reference: RWP: In RWP	
		RWP1 **Depth: m**	


MH - 0.00


OCF - 11.20

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

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Section Pictures - 05/07/2024 - RWP1X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
7	Upstream	RWP1X	7	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW149



2, 00:01:29, 11.20 m
Finish node, other special chamber, reference: RWP, In RWP

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Section Inspection - 05/07/2024 - SW144X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
8	1	05/07/24	8:37	LSO0381562	Dry	Yes	SW144X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW144
Road:	Grimshaw Lane	**Inspected Length:**	29.67 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	29.67 m	**Downstream Node:**	SW148
Surface Type:	Concrete Footway	**Joint Length:**	0.70 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:257

Position [m]	Code	Observation	Grade
Depth: m			
SW148			
0.00	MH	Start node, manhole, reference: SW148	
0.00	WL	Water level, 5% of the vertical dimension	
4.82	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
5.32	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
29.67	MHF	Finish node, manhole, reference: SW144	
SW144			
Depth: m			



MH - 0.00



MHF - 29.67

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

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Section Pictures - 05/07/2024 - SW144X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
8	Upstream	SW144X	8	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW148



2, 00:02:11, 29.67 m
Finish node, manhole, reference: SW144

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Section Inspection - 05/07/2024 - SW147X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
9	1	05/07/24	8:51	LSO0381562	Dry	Yes	SW147X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW147
Road:	Grimshaw Lane	**Inspected Length:**	27.46 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	27.46 m	**Downstream Node:**	SW148
Surface Type:	Concrete Footway	**Joint Length:**	2.50 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:238

Position [m]	Code	Observation	Grade
		Depth: m	
		SW148	
0.00	MH	Start node, manhole, reference: SW148	
0.00	WL	Water level, 5% of the vertical dimension	
6.79	CN	Connection other than junction at 1 o'clock, diameter: 150mm	
8.49	CN	Connection other than junction at 2 o'clock, diameter: 150mm	
25.15	CN	Connection other than junction at 2 o'clock, diameter: 150mm	
27.46	MHF	Finish node, manhole, reference: SW147	
		SW147	
		Depth: m	


MH - 0.00


MHF - 27.46

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

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Section Pictures - 05/07/2024 - SW147X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
9	Upstream	SW147X	9	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW148



2, 00:01:53, 27.46 m
Finish node, manhole, reference: SW147

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Section Inspection - 05/07/2024 - SW148X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
10	1	05/07/24	9:13	LSO0381562	Dry	Yes	SW148X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW148
Road:	Grimshaw Lane	**Inspected Length:**	18.36 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	18.36 m	**Downstream Node:**	SW150
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:159

Position [m]	Code	Observation	Grade
		Depth: m	
		SW148	
0.00	MH	Start node, manhole, reference: SW148	
0.00	WL	Water level, 5% of the vertical dimension	
18.36	MHF	Finish node, manhole, reference: SW150: MH is in a tank.	
		SW150	
		Depth: m	


MH - 0.00


MHF - 18.36

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

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Section Pictures - 05/07/2024 - SW148X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
10	Downstream	SW148X	10	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW148



2, 00:01:39, 18.36 m
Finish node, manhole, reference: SW150, MH is in a tank.

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Section Inspection - 05/07/2024 - SW150X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
11	1	05/07/24	9:21	LSO0381562	Dry	Yes	SW150X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW150
Road:	Grimshaw Lane	**Inspected Length:**	3.11 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	3.11 m	**Downstream Node:**	SW152
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: m	
		SW152	
0.00	MH	Start node, manhole, reference: SW152	
0.00	WL	Water level, 5% of the vertical dimension	
3.11	MHF	Finish node, manhole, reference: SW150: Manhole is on a tank.	
		SW150	
		Depth: m	


MH - 0.00

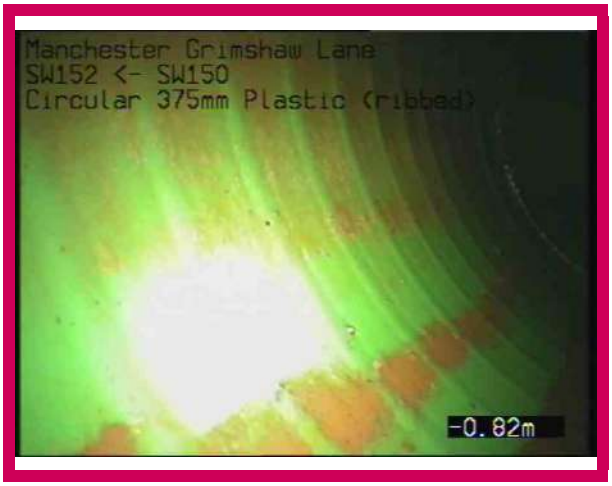

MHF - 3.11

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

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Section Pictures - 05/07/2024 - SW150X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
11	Upstream	SW150X	11	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW152



2, 00:00:29, 3.11 m
Finish node, manhole, reference: SW150, Manhole is on a tank.

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Section Inspection - 05/07/2024 - SW141X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
12	1	05/07/24	10:59	LSO0381562	Dry	Yes	SW141X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW141
Road:	Grimshaw Lane	**Inspected Length:**	45.03 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	45.03 m	**Downstream Node:**	SW140
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:390

Position [m]	Code	Observation	Grade
		Depth: m **SW140**	
0.00	MH	Start node, manhole, reference: SW140	
0.00	WL	Water level, 10% of the vertical dimension	
1.43	CN	Connection other than junction at 2 o'clock, diameter: 150mm	
7.17	WL	Water level, 5% of the vertical dimension	
12.14	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
21.80	CN	Connection other than junction at 1 o'clock, diameter: 150mm	
24.95	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
34.85	CN	Connection other than junction at 2 o'clock, diameter: 150mm	
35.44	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
45.03	MHF	Finish node, manhole, reference: SW141	
		SW141 **Depth: m**	


MH - 0.00


CN - 12.14


MHF - 45.03

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

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Section Pictures - 05/07/2024 - SW141X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
12	Upstream	SW141X	12	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW140



2, 00:01:18, 12.14 m
Connection other than junction at 10 o'clock, diameter: 150mm



3, 00:04:03, 45.03 m
Finish node, manhole, reference: SW141

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Section Inspection - 05/07/2024 - SW139X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
13	1	05/07/24	11:21	LSO0381562	Dry	Yes	SW139X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

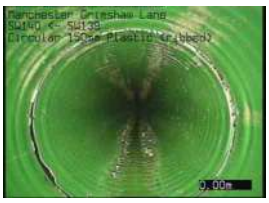
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW139
Road:	Grimshaw Lane	**Inspected Length:**	16.65 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	16.65 m	**Downstream Node:**	SW140
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:145

Position [m]	Code	Observation	Grade
		Depth: m	
		SW140	
0.00	MH	Start node, manhole, reference: SW140	
0.00	WL	Water level, 5% of the vertical dimension	
4.88	JN	Junction at 2 o'clock, diameter: 150mm	
11.46	JN	Junction at 10 o'clock, diameter: 150mm	
16.65	MHF	Finish node, manhole, reference: SW139	
		SW139	
		Depth: m	


MH - 0.00


MHF - 16.65

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

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Section Pictures - 05/07/2024 - SW139X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
13	Upstream	SW139X	13	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW140



2, 00:02:37, 16.65 m
Finish node, manhole, reference: SW139

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Section Inspection - 05/07/2024 - SW141Y

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
14	1	05/07/24	12:32	LSO0381562	Dry	Yes	SW141Y

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW141
Road:	Grimshaw Lane	**Inspected Length:**	29.72 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	29.72 m	**Downstream Node:**	SW153
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

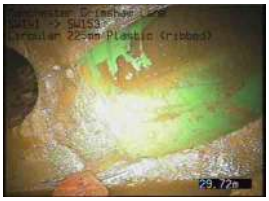
Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:258	Position [m]	Code	Observation	Grade
Depth: m SW141				
	0.00	MH	Start node, manhole, reference: SW141	
	0.00	WL	Water level, 5% of the vertical dimension	
	29.72	MHF	Finish node, manhole, reference: SW153	
SW153 Depth: m				



MH - 0.00



MHF - 29.72

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

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Section Pictures - 05/07/2024 - SW141Y

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
14	Downstream	SW141Y	14	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW141



2, 00:02:28, 29.72 m
Finish node, manhole, reference: SW153

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Section Inspection - 05/07/2024 - Gully 1X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
15	1	05/07/24	11:42	LSO0381562	Dry	Yes	GULLY 1X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	GULLY 1
Road:	Grimshaw Lane	**Inspected Length:**	3.41 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	3.41 m	**Downstream Node:**	SW139
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: m SW139				
	0.00	MH	Start node, manhole, reference: SW139	
	0.00	WL	Water level, 5% of the vertical dimension	
	3.12	SC	Size changes, new size(s), 100mm high: Smooth plastic	
	3.41	OCF	Finish node, other special chamber, reference: Gully 1: Line reduces to 100mm before gully.	
Gully 1 Depth: m				


MH - 0.00


OCF - 3.41

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

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Section Pictures - 05/07/2024 - Gully 1X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
15	Upstream	GULLY 1X	15	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW139



2, 00:00:25, 3.41 m
Finish node, other special chamber, reference: Gully 1, Line reduces to 100mm before gully.

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Section Inspection - 05/07/2024 - RWP2X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
16	1	05/07/24	11:42	LSO0381562	Dry	Yes	RWP2X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP2
Road:	Grimshaw Lane	**Inspected Length:**	5.61 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	5.61 m	**Downstream Node:**	SW139
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: m **SW139**	
0.00	MH	Start node, manhole, reference: SW139	
0.00	WL	Water level, 5% of the vertical dimension	
0.48	LR	Line deviates right: Slight	
3.13	REM	General remark: Pipe material changes to smooth plastic	
4.76	LL	Line deviates left	
5.59	LU	Line deviates up	
5.61	OCF	Finish node, other special chamber, reference: RWP2: Pipe material changes back to ribbed plastic and goes up to RWP.	
		RWP2 **Depth: m**	


MH - 0.00


OCF - 5.61

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

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Section Pictures - 05/07/2024 - RWP2X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
16	Upstream	RWP2X	16	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW139



2, 00:00:39, 5.61 m
Finish node, other special chamber, reference: RWP2, Pipe material changes back to ribbed plastic and goes up to RWP.

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Section Inspection - 05/07/2024 - SW143X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
17	1	05/07/24	14:29	LSO0381562	Dry	Yes	SW143X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW143
Road:	Grimshaw Lane	**Inspected Length:**	35.44 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	35.44 m	**Downstream Node:**	SW144
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:307

Position [m]	Code	Observation	Grade
Depth: m			
SW143			
0.00	MH	Start node, manhole, reference: SW143	
0.00	WL	Water level, 5% of the vertical dimension	
35.44	MHF	Finish node, manhole, reference: SW144	
SW144			
Depth: m			


MH - 0.00


MHF - 35.44

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

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Section Pictures - 05/07/2024 - SW143X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
17	Downstream	SW143X	17	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW143



2, 00:01:04, 35.44 m
Finish node, manhole, reference: SW144

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Section Inspection - 05/07/2024 - SW142X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
18	1	05/07/24	14:33	LSO0381562	Dry	Yes	SW142X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

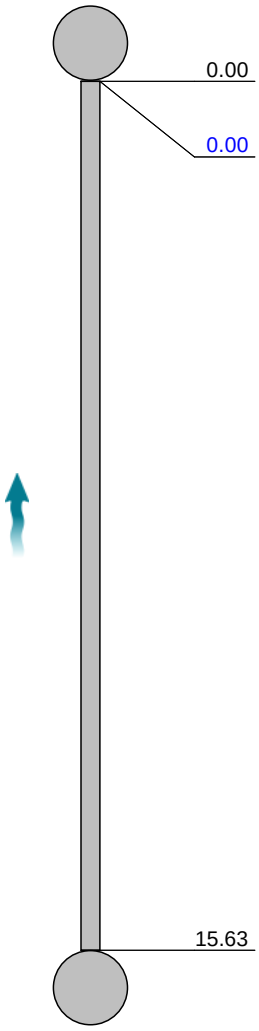
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW142
Road:	Grimshaw Lane	**Inspected Length:**	15.63 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	15.63 m	**Downstream Node:**	SW143
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:136 **Position [m]** **Code** **Observation** **Grade**

Depth: m
SW143



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: SW143
0.00	WL	Water level, 5% of the vertical dimension
15.63	MHF	Finish node, manhole, reference: SW142



MH - 0.00



MHF - 15.63

SW142
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

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Section Pictures - 05/07/2024 - SW142X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
18	Upstream	SW142X	18	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW143



2, 00:00:59, 15.63 m
Finish node, manhole, reference: SW142

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Section Inspection - 05/07/2024 - SW142Y

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
19	1	05/07/24	14:29	LSO0381562	Dry	Yes	SW142Y

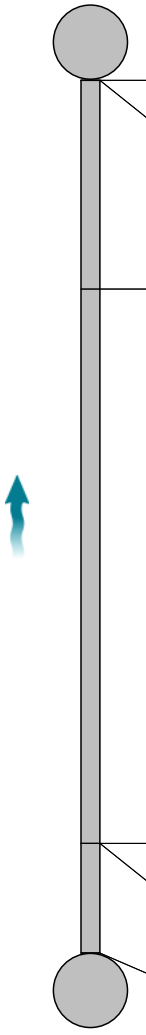
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW142
Road:	Grimshaw Lane	**Inspected Length:**	6.35 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	6.35 m	**Downstream Node:**	RWP3
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Combined waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:55



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: RWP3	
0.00	WL	Water level, 5% of the vertical dimension	
1.52	MCVC	Material changes to vitrified clay	
5.55	LL	Line deviates left: Slight	
5.55	SC	Size changes, new size(s), 100mm high	
6.35	OCF	Finish node, other special chamber, reference: SW142: Line reduces to RWP	


MH - 0.00


OCF - 6.35

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

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Section Pictures - 05/07/2024 - SW142Y

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
19	Upstream	SW142Y	19	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: RWP3



2, 00:00:35, 6.35 m
Finish node, other special chamber, reference: SW142, Line reduces to RWP

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Section Inspection - 09/07/2024 - SW 125X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
20	1	09/07/24	11:19	LSO0381562	Light Rain	Yes	SW 125X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW 125
Road:	Grimshaw Lane	**Inspected Length:**	37.93 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	37.93 m	**Downstream Node:**	SW126
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:329

Position [m]	Code	Observation	Grade
Depth: m			
SW 125			
0.00	MH	Start node, manhole, reference: SW 125	
0.00	WL	Water level, 5% of the vertical dimension	
2.69	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
12.01	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
27.43	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
35.16	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
37.93	MHF	Finish node, manhole, reference: SW126	
SW126			
Depth: m			


MH - 0.00


MHF - 37.93

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

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Section Pictures - 09/07/2024 - SW 125X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
20	Downstream	SW 125X	20	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW 125



2, 00:03:03, 37.93 m
Finish node, manhole, reference: SW126

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Section Inspection - 09/07/2024 - SW124X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
21	1	09/07/24	11:31	LSO0381562	Light Rain	Yes	SW124X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW124
Road:	Grimshaw Lane	**Inspected Length:**	10.29 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	10.29 m	**Downstream Node:**	SW 125
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

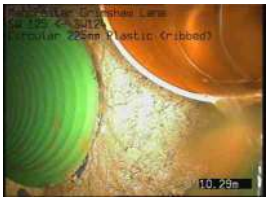
Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:90

Position [m]	Code	Observation	Grade
		Depth: m	
		SW 125	
0.00	MH	Start node, manhole, reference: SW 125	
0.00	WL	Water level, 5% of the vertical dimension	
4.36	D	Deformed drain or sewer, 5%	2
10.29	MHF	Finish node, manhole, reference: SW124	
		SW124	
		Depth: m	


MH - 0.00


MHF - 10.29

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	1.9	20.0	2.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 09/07/2024 - SW124X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
21	Upstream	SW124X	21	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW 125



2, 00:01:07, 10.29 m
Finish node, manhole, reference: SW124

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Section Inspection - 09/07/2024 - GullyX

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
22	1	09/07/24	12:43	LSO0381562	Light Rain	Yes	GULLYX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

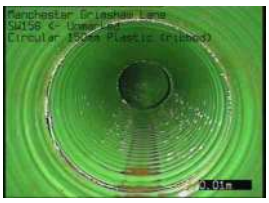
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	GULLY
Road:	Grimshaw Lane	**Inspected Length:**	15.61 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	15.61 m	**Downstream Node:**	SW156
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:136

Position [m]	Code	Observation	Grade
		Depth: m **SW156**	
0.00	MH	Start node, manhole, reference: SW156	
0.00	WL	Water level, 5% of the vertical dimension	
0.98	LL	Line deviates left: Slight	
15.22	LL	Line deviates left	
15.61	OCF	Finish node, other special chamber, reference: Gully: Just before Gully	
		Gully **Depth: m**	


MH - 0.00


OCF - 15.61

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

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Section Pictures - 09/07/2024 - GullyX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
22	Upstream	GULLYX	22	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW156



2, 00:01:54, 15.61 m
Finish node, other special chamber, reference: Gully, Just before Gully

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Section Inspection - 09/07/2024 - SW156X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
23	1	09/07/24	12:48	LSO0381562	Light Rain	Yes	SW156X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW156
Road:	Grimshaw Lane	**Inspected Length:**	7.36 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	7.36 m	**Downstream Node:**	SW157
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:64

Position [m]	Code	Observation	Grade
		Depth: m	
		SW156	
0.00	MH	Start node, manhole, reference: SW156	
0.00	WL	Water level, 5% of the vertical dimension	
3.84	WL	Water level, 10% of the vertical dimension	
5.98	WL	Water level, 5% of the vertical dimension	
7.36	MHF	Finish node, manhole, reference: SW157	
		SW157	
		Depth: m	


MH - 0.00


MHF - 7.36

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

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Section Pictures - 09/07/2024 - SW156X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
23	Downstream	SW156X	23	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW156



2, 00:00:53, 7.36 m
Finish node, manhole, reference: SW157

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Section Inspection - 09/07/2024 - GullyY

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
24	1	09/07/24	13:19	LSO0381562	Light Rain	Yes	GULLYY

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

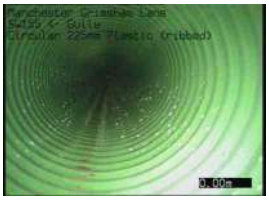
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	GULLY
Road:	Grimshaw Lane	**Inspected Length:**	21.41 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	21.41 m	**Downstream Node:**	SW155
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:186

Position [m]	Code	Observation	Grade
		Depth: m	
		SW155	
0.00	MH	Start node, manhole, reference: SW155	
0.00	WL	Water level, 5% of the vertical dimension	
10.11	CN	Connection other than junction at 12 o'clock, diameter: 150mm	
21.41	OCF	Finish node, other special chamber, reference: Gully: In gully	
		Gully	
		Depth: m	


MH - 0.00


OCF - 21.41

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

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Section Pictures - 09/07/2024 - GullyY

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
24	Upstream	GULLYY	24	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW155



2, 00:03:39, 21.41 m
Finish node, other special chamber, reference: Gully, In gully

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Section Inspection - 09/07/2024 - SW155X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
25	1	09/07/24	13:27	LSO0381562	Light Rain	Yes	SW155X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW155
Road:	Grimshaw Lane	**Inspected Length:**	9.72 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	9.72 m	**Downstream Node:**	SW157
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

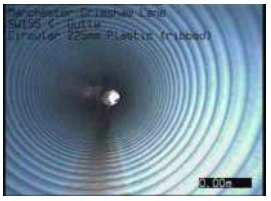
Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:85 **Position [m]** **Code** **Observation** **Grade**

Depth: m
SW155

Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: SW155
0.00	WL	Water level, 5% of the vertical dimension
9.72	MHF	Finish node, manhole, reference: SW157



MH - 0.00



MHF - 0.72

SW157
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

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Section Pictures - 09/07/2024 - SW155X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
25	Downstream	SW155X	25	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW155



2, 00:01:00, 9.72 m
Finish node, manhole, reference: SW157

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Section Inspection - 09/07/2024 - UnmarkedX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
26	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	UNMARKEDX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

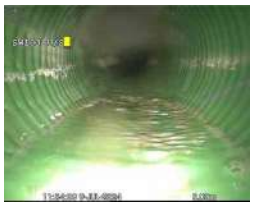
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UNMARKED
Road:	Grimshaw Lane	**Inspected Length:**	19.67 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	19.67 m	**Downstream Node:**	SW103
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments: MHF not marked on plan
Recommendations:

Scale: 1:171

Position [m]	Code	Observation	Grade
		Depth: m **SW103**	
0.00	MH	Start node, manhole, reference: SW103	
0.00	WL	Water level, 10% of the vertical dimension	
0.70	WL	Water level, 5% of the vertical dimension	
5.15	JN	Junction at 9 o'clock, diameter: 150mm	
7.32	JN	Junction at 10 o'clock, diameter: 150mm	
19.67	MHF	Finish node, manhole, reference: Unmarked: MH not marked on plan.	
		Unmarked **Depth: m**	


MH - 0.00


MHF - 19.67

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

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Section Pictures - 09/07/2024 - UnmarkedX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
26	Upstream	UNMARKEDX	26	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW103



2, 00:01:06, 19.67 m
Finish node, manhole, reference: Unmarked, MH not marked on plan.

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Section Inspection - 09/07/2024 - RWPX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
27	1	09/07/24	13:30	LSO0381562	Light Rain	Yes	RWPX

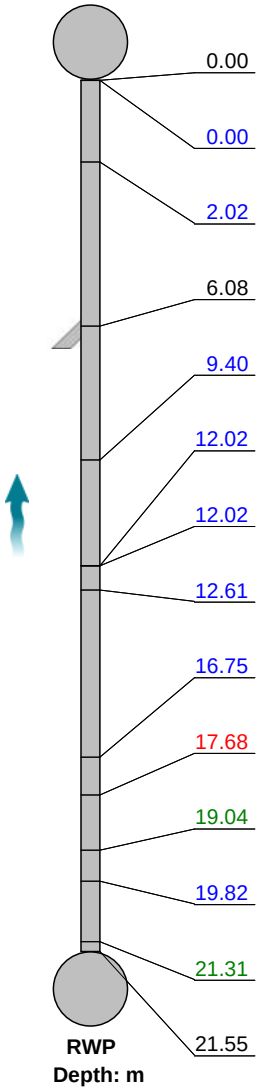
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	21.55 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	21.55 m	**Downstream Node:**	SW111
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:187



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: SW111	
0.00	WL	Water level, 10% of the vertical dimension	
2.02	CUW	Loss of vision, camera under water	
6.08	JN	Junction at 3 o'clock, diameter: 150mm	
9.40	WL	Water level, 5% of the vertical dimension	
12.02	WL	Water level, 10% of the vertical dimension	
12.02	CUW	Loss of vision, camera under water	
12.61	WL	Water level, 20% of the vertical dimension	
16.75	WL	Water level, 10% of the vertical dimension	
17.68	D	Deformed drain or sewer, 10%	4
19.04	LR	Line deviates right	
19.82	REM	General remark: Material of pipe changes to smooth plastic	
21.31	LU	Line deviates up	
21.55	OCF	Finish node, other special chamber, reference: RWP: Bottom of RWP	


MH - 0.00


WL - 9.40


D - 17.68


OCF - 21.55

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	80.0	3.7	80.0	4.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 09/07/2024 - RWPX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
27	Upstream	RWPX	27	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW111



2, 00:00:30, 9.40 m
Water level, 5% of the vertical dimension



3, 00:00:52, 17.68 m
Deformed drain or sewer, 10%



4, 00:01:07, 21.55 m
Finish node, other special chamber, reference: RWP, Bottom of RWP

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Section Inspection - 09/07/2024 - SW112X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
28	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	SW112X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW112
Road:	Grimshaw Lane	**Inspected Length:**	4.60 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	4.60 m	**Downstream Node:**	SW114
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: m	
		SW112	
0.00	MH	Start node, manhole, reference: SW112	
0.00	WL	Water level, 10% of the vertical dimension	
4.60	MHF	Finish node, manhole, reference: SW114	
		SW114	
		Depth: m	


MH - 0.00


MHF - 4.60

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

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Section Pictures - 09/07/2024 - SW112X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
28	Downstream	SW112X	28	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW112



2, 00:00:10, 4.60 m
Finish node, manhole, reference: SW114

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Section Inspection - 09/07/2024 - RWPY

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
29	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	RWPY

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	3.43 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	3.43 m	**Downstream Node:**	SW112
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
Depth: m SW112			
0.00	MH	Start node, manhole, reference: SW112	
0.00	WL	Water level, 5% of the vertical dimension	
0.68	LL	Line deviates left	
1.32	REM	General remark: Material change of pipe. to smooth plastic	
2.15	LR	Line deviates right	
2.97	LR	Line deviates right	
3.39	REM	General remark: Material of pipe changes. babk ripped pipe	
3.43	OCF	Finish node, other special chamber, reference: RWP: In bottom of RWP	
RWP Depth: m			


MH - 0.00


REM - 1.32


OCF - 3.43

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

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Section Pictures - 09/07/2024 - RWPY

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
29	Upstream	RWPY	29	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW112



2, 00:00:06, 1.32 m
General remark, Material change of pipe. to smooth plastic



3, 00:00:17, 3.43 m
Finish node, other special chamber, reference: RWP, In bottom of RWP

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Section Inspection - 09/07/2024 - SW111X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
30	1	09/07/24	13:30	LSO0381562	Light Rain	Yes	SW111X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW111
Road:	Grimshaw Lane	**Inspected Length:**	31.42 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	31.42 m	**Downstream Node:**	SW112
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:273

Position [m]		Code	Observation	Grade
Depth: m				
SW112				
0.00		MH	Start node, manhole, reference: SW112	
0.00		WL	Water level, 10% of the vertical dimension	
0.37	S01	CUW	Loss of vision, camera under water, start	
12.52	F01	CUW	Loss of vision, camera under water, finish	
13.47		CN	Connection other than junction at 3 o'clock, diameter: 150mm	
20.45		CUW	Loss of vision, camera under water	
26.10		CUW	Loss of vision, camera under water	
26.72		CN	Connection other than junction at 3 o'clock, diameter: 150mm	
31.42		MHF	Finish node, manhole, reference: SW111	
SW111				
Depth: m				


MH - 0.00


MHF - 31.42

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

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Section Pictures - 09/07/2024 - SW111X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
30	Upstream	SW111X	30	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW112



2, 00:01:24, 31.42 m
Finish node, manhole, reference: SW111

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Section Inspection - 09/07/2024 - RWPZ

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
31	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	RWPZ

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

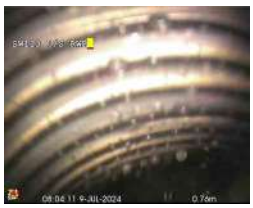
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	0.76 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	0.76 m	**Downstream Node:**	SW113
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: m SW113				
	0.00	MH	Start node, manhole, reference: SW113	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.00	LU	Line deviates up	
RWP	0.58	CUW	Loss of vision, camera under water	
	0.76	OCF	Finish node, other special chamber, reference: RWP: In bottom of RWP	
Depth: m				


MH - 0.00


OCF - 0.76

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

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Section Pictures - 09/07/2024 - RWPZ

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
31	Upstream	RWPZ	31	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW113



2, 00:00:08, 0.76 m
Finish node, other special chamber, reference: RWP, In bottom of RWP

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Section Inspection - 09/07/2024 - RWPA

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
32	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	RWPA

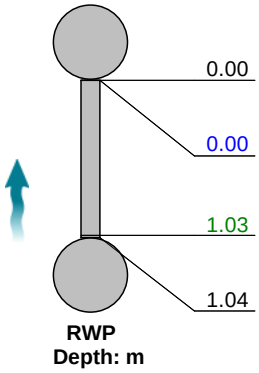
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	1.04 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	1.04 m	**Downstream Node:**	SW114
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: SW114	
0.00	WL	Water level, 10% of the vertical dimension	
1.03	LU	Line deviates up	
1.04	OCF	Finish node, other special chamber, reference: RWP: In bottom of RWP.	


MH - 0.00


LU - 1.03

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

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Section Pictures - 09/07/2024 - RWPA

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
32	Upstream	RWPA	32	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW114



2, 00:00:06, 1.03 m
Line deviates up

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Section Inspection - 09/07/2024 - SW113X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
33	1	09/07/24	13:32	LSO0381562	Light Rain	Yes	SW113X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW113
Road:	Grimshaw Lane	**Inspected Length:**	21.09 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	21.09 m	**Downstream Node:**	SW114
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:183

Position [m]	Code	Observation	Grade
Depth: m			
SW114			
0.00	MH	Start node, manhole, reference: SW114	
0.00	WL	Water level, 5% of the vertical dimension	
17.36	D	Deformed drain or sewer, 5%	2
21.09	MHF	Finish node, manhole, reference: SW113	
SW113			
Depth: m			


MH - 0.00


MHF - 21.09

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	0.9	20.0	2.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 09/07/2024 - SW113X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
33	Upstream	SW113X	33	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW114



2, 00:01:35, 21.09 m
Finish node, manhole, reference: SW113

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Section Inspection - 09/07/2024 - REX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
34	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	REX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RE
Road:	Grimshaw Lane	**Inspected Length:**	16.82 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	16.82 m	**Downstream Node:**	SW115
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:146

Position [m]	Code	Observation	Grade
		Depth: m **SW115**	
0.00	MH	Start node, manhole, reference: SW115	
0.00	WL	Water level, 5% of the vertical dimension	
0.15	LU	Line deviates up	
6.73	LL	Line deviates left: Slight	
14.73	REM	General remark: Material change of pipe.	
15.11	LL	Line deviates left	
16.60	REM	General remark: Line reduces to 100mm	
16.82	OCF	Finish node, other special chamber, reference: RE: In rodding eye.	
		RE **Depth: m**	


MH - 0.00


OCF - 16.82

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

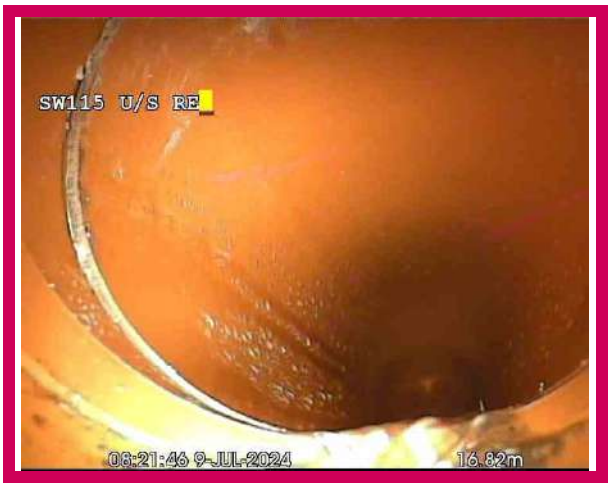
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Section Pictures - 09/07/2024 - REX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
34	Upstream	REX	34	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW115



2, 00:00:43, 16.82 m
Finish node, other special chamber, reference: RE, In rodding eye.

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Section Inspection - 09/07/2024 - RWPB

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
35	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	RWPB

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	RWP
Road:	Grimshaw Lane	**Inspected Length:**	12.31 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	12.31 m	**Downstream Node:**	SW115
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:107

Position [m]	Code	Observation	Grade
Depth: m			
SW115			
0.00	MH	Start node, manhole, reference: SW115	
0.00	WL	Water level, 5% of the vertical dimension	
0.03	LU	Line deviates up	
3.67	REM	General remark: Material change of pipe.	
12.30	LU	Line deviates up	
12.31	OCF	Finish node, other special chamber, reference: RWP: In RWP	
RWP			
Depth: m			


MH - 0.00


OCF - 12.31

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

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Section Pictures - 09/07/2024 - RWPB

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
35	Upstream	RWPB	35	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW115



2, 00:00:32, 12.31 m
Finish node, other special chamber, reference: RWP, In RWP

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Section Inspection - 09/07/2024 - SW130X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
36	1	09/07/24	13:31	LSO0381562	Light Rain	Yes	SW130X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
J. Paschke	Property with buildings	Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW130
Road:	Grimshaw Lane	**Inspected Length:**	20.76 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	20.76 m	**Downstream Node:**	SW131
Surface Type:	Concrete Footway	**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0

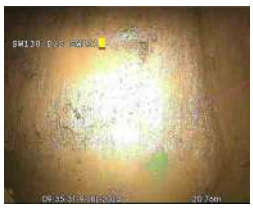
Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:180

Position [m]	Code	Observation	Grade
Depth: m			
SW130			
0.00	MH	Start node, manhole, reference: SW130	
0.00	WL	Water level, 5% of the vertical dimension	
16.82	D	Deformed drain or sewer, 5%	2
20.76	MHF	Finish node, manhole, reference: SW131	
SW131			
Depth: m			


MH - 0.00


MHF - 20.76

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	1.0	20.0	2.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 09/07/2024 - SW130X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
36	Downstream	SW130X	36	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW130



2, 00:01:01, 20.76 m
Finish node, manhole, reference: SW131

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Section Inspection - 04/07/2024 - SW153X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
37	1	04/07/24	15:27	LSO0381562	Dry	Yes	SW153X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

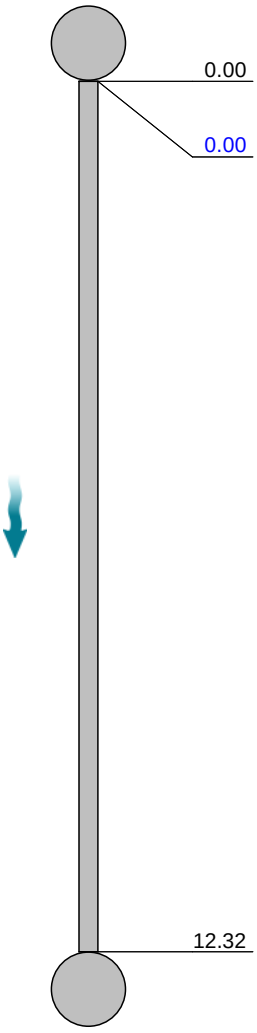
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW153
Road:	Grimshaw Lane	**Inspected Length:**	12.32 m	**Upstream Pipe Depth:**	2.60
Post Code:	M40 2BA	**Total Length:**	12.32 m	**Downstream Node:**	SW154
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.40

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:107 **Position [m]** **Code** **Observation** **Grade**

Depth: 2.60 m
SW153



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: SW153	
0.00	WL	Water level, 5% of the vertical dimension	
12.32	MHF	Finish node, manhole, reference: SW154	



WL - 0.00



MHF - 12.32

SW154
Depth: 2.40 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

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Section Pictures - 04/07/2024 - SW153X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
37	Downstream	SW153X	37	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:40, 12.32 m
Finish node, manhole, reference: SW154

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Section Inspection - 04/07/2024 - SW128X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
38	1	04/07/24	13:35	LSO0381562	Light Rain	Yes	SW128X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

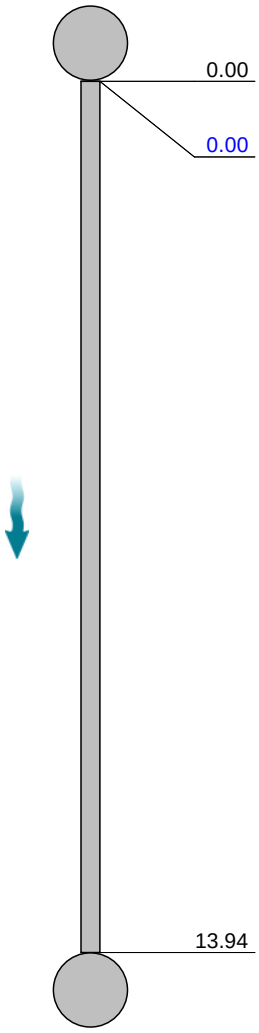
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW128
Road:	Grimshaw Lane	**Inspected Length:**	13.94 m	**Upstream Pipe Depth:**	3.55
Post Code:	M40 2BA	**Total Length:**	13.94 m	**Downstream Node:**	SW129
Surface Type:	Asphalt Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.90

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	675 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:121 **Position [m]** **Code** **Observation** **Grade**

Depth: 3.55 m
SW128



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: SW128
0.00	WL	Water level, 5% of the vertical dimension
13.94	CPF	Finish node, catchpit, reference: SW129

SW129
Depth: 3.90 m



WL - 0.00



CPF - 13.94

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

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Section Pictures - 04/07/2024 - SW128X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
38	Downstream	SW128X	38	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:51, 13.94 m
Finish node, catchpit, reference: SW129

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Section Inspection - 04/07/2024 - SW132X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
39	1	04/07/24	13:15	LSO0381562	Light Rain	Yes	SW132X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

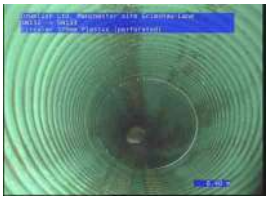
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW132
Road:	Grimshaw Lane	**Inspected Length:**	8.40 m	**Upstream Pipe Depth:**	2.80
Post Code:	M40 2BA	**Total Length:**	8.40 m	**Downstream Node:**	SW133
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.90

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (perforated)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:73

Position [m]	Code	Observation	Grade
		Depth: 2.80 m	
		SW132	
0.00	MH	Start node, manhole, reference: SW132	
0.00	WL	Water level, 5% of the vertical dimension	
8.40	MHF	Finish node, manhole, reference: SW133	
		SW133	
		Depth: 3.90 m	


WL - 0.00


MHF - 8.40

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

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Section Pictures - 04/07/2024 - SW132X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
39	Downstream	SW132X	39	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:37, 8.40 m
Finish node, manhole, reference: SW133

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Section Inspection - 04/07/2024 - SW131X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
40	1	04/07/24	13:03	LSO0381562	Light Rain	Yes	SW131X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

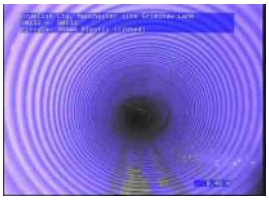
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW131
Road:	Grimshaw Lane	**Inspected Length:**	29.27 m	**Upstream Pipe Depth:**	2.50
Post Code:	M40 2BA	**Total Length:**	29.27 m	**Downstream Node:**	SW132
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.80

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:254

Position [m]	Code	Observation	Grade
Depth: 2.80 m			
SW132			
0.00	MH	Start node, manhole, reference: SW132	
0.00	WL	Water level, 5% of the vertical dimension	
11.60	D	Deformed drain or sewer, 5%	2
21.74	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
29.27	MHF	Finish node, manhole, reference: SW131	
SW131			
Depth: 2.50 m			


WL - 0.00


MHF - 29.27

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	0.7	20.0	2.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 04/07/2024 - SW131X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
40	Upstream	SW131X	40	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:02, 29.27 m
Finish node, manhole, reference: SW131

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Section Inspection - 04/07/2024 - SW136X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
41	1	04/07/24	11:36	LSO0381562	Light Rain	Yes	SW136X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

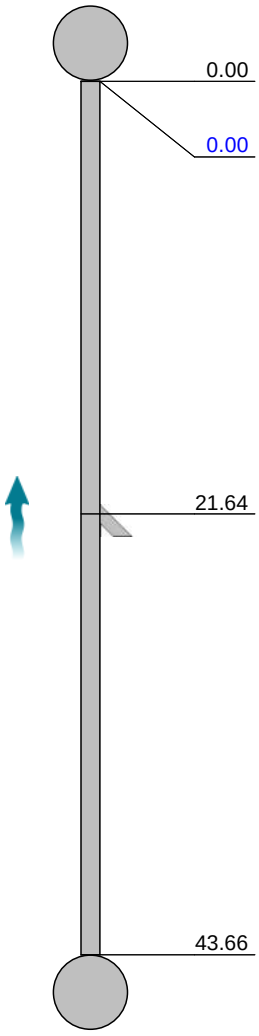
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW136
Road:	Grimshaw Lane	**Inspected Length:**	43.66 m	**Upstream Pipe Depth:**	1.40
Post Code:	M40 2BA	**Total Length:**	43.66 m	**Downstream Node:**	SW137
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	1.60

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

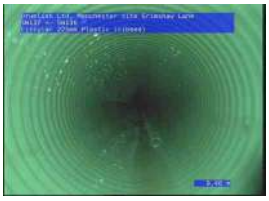
Comments:
Recommendations:

Scale: 1:378 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.60 m
SW137



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: SW137
0.00	WL	Water level, 5% of the vertical dimension
21.64	CN	Connection other than junction at 11 o'clock, diameter: 150mm
43.66	MHF	Finish node, manhole, reference: SW136



WL - 0.00



MHF - 43.66

SW136
Depth: 1.40 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

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Section Pictures - 04/07/2024 - SW136X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
41	Upstream	SW136X	41	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:31, 43.66 m
Finish node, manhole, reference: SW136

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Section Inspection - 03/07/2024 - SW110X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
42	1	03/07/24	11:29	LSO0381562	Light Rain	Yes	SW110X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Large Crawler	Not Specified	Private Drain	Not Specified

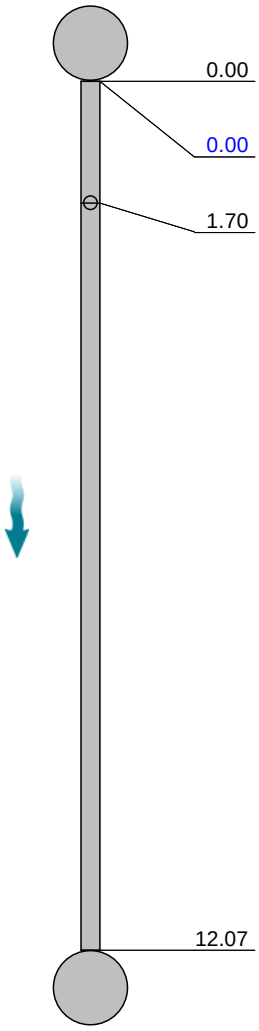
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW110
Road:	Grimshaw Lane	**Inspected Length:**	12.07 m	**Upstream Pipe Depth:**	3.60
Post Code:	M40 2BA	**Total Length:**	12.07 m	**Downstream Node:**	SW129
Surface Type:	Asphalt Highway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.90

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:	Private	**Asset Material:**	Plastic (smooth)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:105 **Position [m]** **Code** **Observation** **Grade**

Depth: 3.60 m
SW110



Position [m]	Code	Observation
0.00	CP	Start node, catchpit, reference: SW110
0.00	WL	Water level, 5% of the vertical dimension
1.70	CN	Connection other than junction at 12 o'clock, diameter: 150mm
12.07	CPF	Finish node, catchpit, reference: SW129

SW129
Depth: 3.90 m



WL - 0.00



CPF - 12.07

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

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Section Pictures - 03/07/2024 - SW110X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
42	Downstream	SW110X	42	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:58, 12.07 m
Finish node, catchpit, reference: SW129

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Section Inspection - 03/07/2024 - SW129X

WEB PROJECT
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Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
43	1	03/07/24	9:46	LSO0381562	Light Rain	Yes	SW129X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Large Crawler	Not Specified	Private Drain	Not Specified

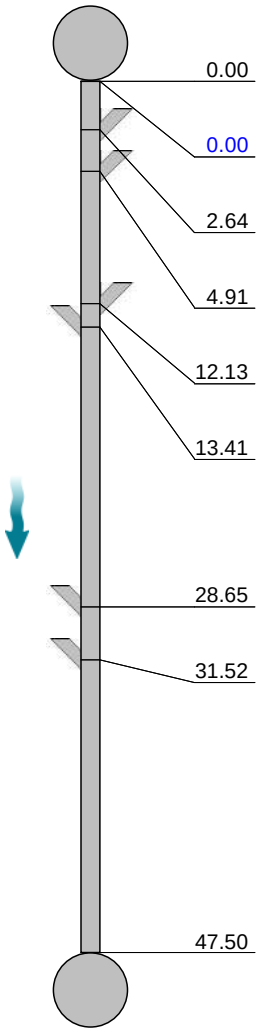
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW129
Road:	Grimshaw Lane	**Inspected Length:**	47.50 m	**Upstream Pipe Depth:**	3.90
Post Code:	M40 2BA	**Total Length:**	47.50 m	**Downstream Node:**	SW133
Surface Type:	Asphalt Highway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.90

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	750 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:412 **Position [m]** **Code** **Observation** **Grade**

Depth: 3.90 m
SW129



Position [m]	Code	Observation
0.00	CP	Start node, catchpit, reference: SW129
0.00	WL	Water level, 5% of the vertical dimension
2.64	CN	Connection other than junction at 11 o'clock, diameter: 150mm
4.91	CN	Connection other than junction at 11 o'clock, diameter: 150mm
12.13	CN	Connection other than junction at 10 o'clock, diameter: 150mm
13.41	CN	Connection other than junction at 02 o'clock, diameter: 150mm
28.65	CN	Connection other than junction at 02 o'clock, diameter: 150mm
31.52	CN	Connection other than junction at 01 o'clock, diameter: 150mm
47.50	MHF	Finish node, manhole, reference: SW133



WL - 0.00



MHF - 47.50

SW133
Depth: 3.90 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

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Section Pictures - 03/07/2024 - SW129X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
43	Downstream	SW129X	43	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:04:00, 47.50 m
Finish node, manhole, reference: SW133

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Section Inspection - 03/07/2024 - SW138AX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
44	1	03/07/24	14:27	LSO0381562	Light Rain	Yes	SW138AX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Large Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW138A
Road:	Grimshaw Lane	**Inspected Length:**	36.82 m	**Upstream Pipe Depth:**	1.80
Post Code:	M40 2BA	**Total Length:**	36.82 m	**Downstream Node:**	SW157
Surface Type:	Asphalt Highway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.80

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments: SW138A IS BURIED/ 600mm not 675mm
Recommendations:

Scale: 1:319

Position [m]	Code	Observation	Grade
Depth: 2.80 m **SW157**			
0.00	CP	Start node, catchpit, reference: SW157	
0.00	WL	Water level, 5% of the vertical dimension	
9.07	CN	Connection other than junction at 02 o'clock, diameter: 150mm	
30.37	CN	Connection other than junction at 01 o'clock, diameter: 150mm	
36.81	REM	General remark: Rubble in buried chamber	
36.82	MHF	Finish node, manhole, reference: SW138A: Rubble in buried chamber	
SW138A **Depth: 1.80 m**			


WL - 0.00


MHF - 36.82


MHF - 36.82

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

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Section Pictures - 03/07/2024 - SW138AX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
44	Upstream	SW138AX	44	LSO0381562



1, 00:01:01, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:45, 36.82 m
Finish node, manhole, reference: SW138A, Rubble in buried chamber



3, 00:02:45, 36.82 m
Finish node, manhole, reference: SW138A, Rubble in buried chamber

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Section Inspection - 03/07/2024 - SW133X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
45	1	03/07/24	10:33	LSO0381562	Light Rain	Yes	SW133X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Large Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW133
Road:	Grimshaw Lane	**Inspected Length:**	21.96 m	**Upstream Pipe Depth:**	3.90
Post Code:	M40 2BA	**Total Length:**	21.96 m	**Downstream Node:**	SW138
Surface Type:	Asphalt Highway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.60

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	750 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:191

Position [m]	Code	Observation	Grade
Depth: 3.90 m			
SW133			
0.00	MH	Start node, manhole, reference: SW133	
0.00	WL	Water level, 10% of the vertical dimension	
8.48	CN	Connection other than junction at 02 o'clock, diameter: 150mm	
9.53	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
12.05	DES	Settled deposits, fine, 5% cross-sectional area loss	2
21.96	CPF	Finish node, catchpit, reference: SW138	
SW138			
Depth: 3.60 m			



WL - 0.00



CPF - 21.96

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	1.0	0.0	1.0	2.0

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Section Pictures - 03/07/2024 - SW133X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
45	Downstream	SW133X	45	LSO0381562



1, 00:04:05, 0.00 m
Water level, 10% of the vertical dimension



2, 00:01:49, 21.96 m
Finish node, catchpit, reference: SW138

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Section Inspection - 04/07/2024 - SW137X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
46	1	04/07/24	11:42	LSO0381562	Light Rain	Yes	SW137X

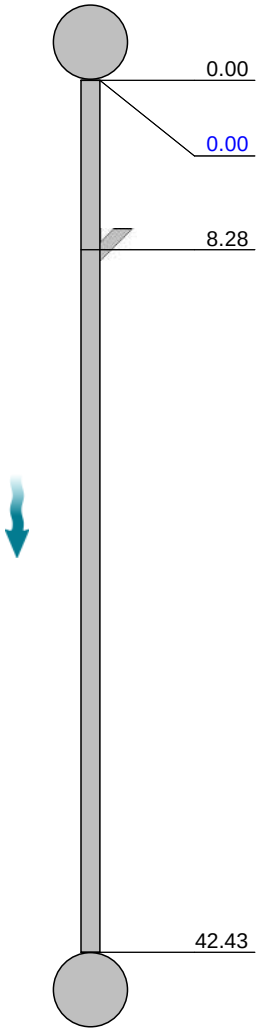
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW137
Road:	Grimshaw Lane	**Inspected Length:**	42.43 m	**Upstream Pipe Depth:**	1.60
Post Code:	M40 2BA	**Total Length:**	42.43 m	**Downstream Node:**	SW138
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.60

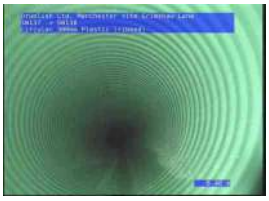
Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:368



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: SW137	
0.00	WL	Water level, 5% of the vertical dimension	
8.28	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
42.43	CPF	Finish node, catchpit, reference: SW138	


WL - 0.00


CPF - 42.43

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

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Section Pictures - 04/07/2024 - SW137X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
46	Downstream	SW137X	46	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:21, 42.43 m
Finish node, catchpit, reference: SW138

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Section Inspection - 04/07/2024 - SW154X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
47	1	04/07/24	8:04	LSO0381562	Light Rain	Yes	SW154X

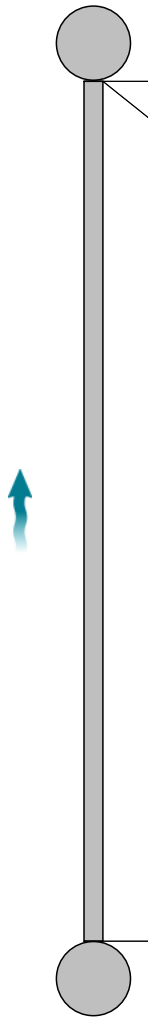
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Large Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW154
Road:	Grimshaw Lane	**Inspected Length:**	6.14 m	**Upstream Pipe Depth:**	2.30
Post Code:	M40 2BA	**Total Length:**	6.14 m	**Downstream Node:**	SW138A
Surface Type:	Asphalt Highway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	1.80

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:54



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: SW138A	
0.00	WL	Water level, 5% of the vertical dimension	
6.14	MHF	Finish node, manhole, reference: SW154	


WL - 0.00


MHF - 6.14

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

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Section Pictures - 04/07/2024 - SW154X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
47	Upstream	SW154X	47	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:44, 6.14 m
Finish node, manhole, reference: SW154

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Section Inspection - 04/07/2024 - SW115X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
48	1	04/07/24	10:06	LSO0381562	Light Rain	Yes	SW115X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

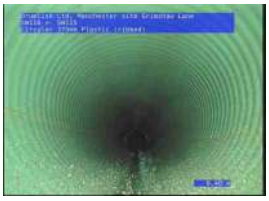
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW115
Road:	Grimshaw Lane	**Inspected Length:**	39.09 m	**Upstream Pipe Depth:**	1.85
Post Code:	M40 2BA	**Total Length:**	39.09 m	**Downstream Node:**	SW116
Surface Type:	Block Paved	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.05

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:339

Position [m]	Code	Observation	Grade
		Depth: 2.05 m **SW116**	
0.00	MH	Start node, manhole, reference: SW116	
0.01	WL	Water level, 5% of the vertical dimension	
15.79	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
31.19	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
39.09	MHF	Finish node, manhole, reference: SW115	
		SW115 **Depth: 1.85 m**	


WL - 0.01


MHF - 39.09

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

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Section Pictures - 04/07/2024 - SW115X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
48	Upstream	SW115X	48	LSO0381562



1, 00:00:00, 0.01 m
Water level, 5% of the vertical dimension



2, 00:02:11, 39.09 m
Finish node, manhole, reference: SW115

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Section Inspection - 04/07/2024 - SW138X

WEB PROJECT
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Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
49	1	04/07/24	8:05	LSO0381562	Light Rain	Yes	SW138X

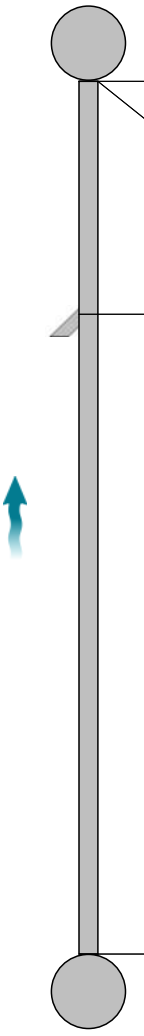
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Large Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW138
Road:	Grimshaw Lane	**Inspected Length:**	43.51 m	**Upstream Pipe Depth:**	3.60
Post Code:	M40 2BA	**Total Length:**	43.51 m	**Downstream Node:**	SW154
Surface Type:	Asphalt Highway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.30

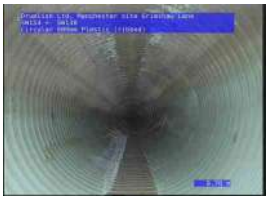
Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:377



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: SW154	
0.00	WL	Water level, 5% of the vertical dimension	
11.62	CN	Connection other than junction at 02 o'clock, diameter: 150mm	
43.51	CPF	Finish node, catchpit, reference: SW138	


WL - 0.00


CPF - 43.51

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

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Section Pictures - 04/07/2024 - SW138X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
49	Upstream	SW138X	49	LSO0381562



1, 00:00:48, 0.00 m
Water level, 5% of the vertical dimension



2, 00:03:10, 43.51 m
Finish node, catchpit, reference: SW138

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Section Inspection - 04/07/2024 - SW118X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
50	1	04/07/24	9:30	LSO0381562	Light Rain	Yes	SW118X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

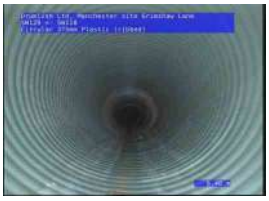
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW118
Road:	Grimshaw Lane	**Inspected Length:**	37.41 m	**Upstream Pipe Depth:**	2.25
Post Code:	M40 2BA	**Total Length:**	37.41 m	**Downstream Node:**	SW129
Surface Type:	Block Paved	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.90

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:324

Position [m]	Code	Observation	Grade
		Depth: 2.25 m	
		SW118	
0.00	MH	Start node, manhole, reference: SW118	
0.00	WL	Water level, 5% of the vertical dimension	
24.71	CN	Connection other than junction at 12 o'clock, diameter: 150mm	
25.27	CN	Connection other than junction at 12 o'clock, diameter: 150mm	
25.81	CN	Connection other than junction at 12 o'clock, diameter: 150mm	
37.41	CPF	Finish node, catchpit, reference: SW129	
		SW129	
		Depth: 3.90 m	


WL - 0.00


CPF - 37.41

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

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Section Pictures - 04/07/2024 - SW118X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
50	Downstream	SW118X	50	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:29, 37.41 m
Finish node, catchpit, reference: SW129

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Section Inspection - 04/07/2024 - SW126X

WEB PROJECT
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Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
51	1	04/07/24	13:42	LSO0381562	Light Rain	Yes	SW126X

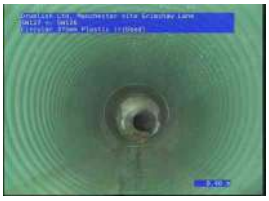
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW126
Road:	Grimshaw Lane	**Inspected Length:**	3.68 m	**Upstream Pipe Depth:**	2.95
Post Code:	M40 2BA	**Total Length:**	3.68 m	**Downstream Node:**	SW127
Surface Type:	Asphalt Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.30

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 3.30 m **SW127**				
	0.00	MH	Start node, manhole, reference: SW127	
	0.00	WL	Water level, 5% of the vertical dimension	
	3.68	MHF	Finish node, manhole, reference: SW126	
SW126 **Depth: 2.95 m**				


WL - 0.00


MHF - 3.68

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

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Section Pictures - 04/07/2024 - SW126X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
51	Upstream	SW126X	51	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:15, 3.68 m
Finish node, manhole, reference: SW126

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Section Inspection - 04/07/2024 - SW116X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
52	1	04/07/24	10:12	LSO0381562	Light Rain	Yes	SW116X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW116
Road:	Grimshaw Lane	**Inspected Length:**	38.54 m	**Upstream Pipe Depth:**	2.05
Post Code:	M40 2BA	**Total Length:**	38.54 m	**Downstream Node:**	SW118
Surface Type:	Block Paved	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.25

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	375 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:334

Position [m]	Code	Observation	Grade
		Depth: 2.05 m	
		SW116	
0.00	MH	Start node, manhole, reference: SW116	
0.00	WL	Water level, 5% of the vertical dimension	
11.22	CN	Connection other than junction at 01 o'clock, diameter: 150mm	
38.54	MHF	Finish node, manhole, reference: SW118	
		SW118	
		Depth: 2.25 m	


WL - 0.00


MHF - 38.54

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

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Section Pictures - 04/07/2024 - SW116X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
52	Downstream	SW116X	52	LSO0381562



1, 00:02:31, 0.00 m
Water level, 5% of the vertical dimension



2, 00:01:57, 38.54 m
Finish node, manhole, reference: SW118

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Section Inspection - 04/07/2024 - SW152X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
53	1	04/07/24	15:21	LSO0381562	Dry	Yes	SW152X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

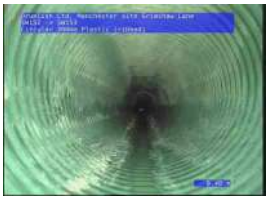
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	SW152
Road:	Grimshaw Lane	**Inspected Length:**	35.71 m	**Upstream Pipe Depth:**	2.40
Post Code:	M40 2BA	**Total Length:**	35.71 m	**Downstream Node:**	SW153
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.40

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:310

Position [m]	Code	Observation	Grade
		Depth: 2.40 m	
		SW152	
0.00	MH	Start node, manhole, reference: SW152	
0.00	WL	Water level, 5% of the vertical dimension	
13.84	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
14.80	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
20.50	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
21.53	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
31.49	CN	Connection other than junction at 01 o'clock, diameter: 150mm	
32.10	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
35.71	MHF	Finish node, manhole, reference: SW153	
		SW153	
		Depth: 2.40 m	


WL - 0.00


MHF - 35.71

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

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Section Pictures - 04/07/2024 - SW152X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
53	Downstream	SW152X	53	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:41, 35.71 m
Finish node, manhole, reference: SW153

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Section Inspection - 04/07/2024 - SW114X

WEB PROJECT
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Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
54	1	04/07/24	9:18	LSO0381562	Light Rain	Yes	SW114X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW114
Road:	Grimshaw Lane	**Inspected Length:**	45.91 m	**Upstream Pipe Depth:**	1.90
Post Code:	M40 2BA	**Total Length:**	45.91 m	**Downstream Node:**	SW118
Surface Type:	Block Paved	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.25

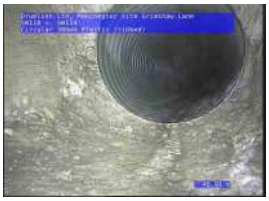
Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:398

Position [m]	Code	Observation	Grade
		Depth: 2.25 m	
		SW118	
0.00	MH	Start node, manhole, reference: SW118	
0.00	WL	Water level, 5% of the vertical dimension	
45.91	MHF	Finish node, manhole, reference: SW114	
		SW114	
		Depth: 1.90 m	


WL - 0.00


MHF - 45.91

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

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Section Pictures - 04/07/2024 - SW114X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
54	Upstream	SW114X	54	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:13, 45.91 m
Finish node, manhole, reference: SW114

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Section Inspection - 04/07/2024 - SW127X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
55	1	04/07/24	13:46	LSO0381562	Light Rain	Yes	SW127X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

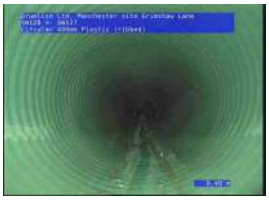
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW127
Road:	Grimshaw Lane	**Inspected Length:**	10.90 m	**Upstream Pipe Depth:**	3.30
Post Code:	M40 2BA	**Total Length:**	10.90 m	**Downstream Node:**	SW128
Surface Type:	Asphalt Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	3.55

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	450 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:95

Position [m]	Code	Observation	Grade
		Depth: 3.55 m **SW128**	
0.00	MH	Start node, manhole, reference: SW128	
0.00	WL	Water level, 5% of the vertical dimension	
10.90	MHF	Finish node, manhole, reference: SW127	
		SW127 **Depth: 3.30 m**	


WL - 0.00


MHF - 10.90

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

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Section Pictures - 04/07/2024 - SW127X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
55	Upstream	SW127X	55	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:44, 10.90 m
Finish node, manhole, reference: SW127

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Section Inspection - 04/07/2024 - SW134X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
56	1	04/07/24	13:08	LSO0381562	Light Rain	Yes	SW134X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
P. Turner	Property with buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW134
Road:	Grimshaw Lane	**Inspected Length:**	32.35 m	**Upstream Pipe Depth:**	1.95
Post Code:	M40 2BA	**Total Length:**	32.35 m	**Downstream Node:**	SW132
Surface Type:	Concrete Footway	**Joint Length:**	2.00 m	**Downstream Pipe Depth:**	2.80

Asset Use:	Surface waste	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:	Private	**Asset Material:**	Plastic (ribbed)
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Condition survey	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:281

Position [m]	Code	Observation	Grade
		Depth: 2.80 m	
		SW132	
0.00	MH	Start node, manhole, reference: SW132	
0.00	WL	Water level, 5% of the vertical dimension	
32.35	MHF	Finish node, manhole, reference: SW134	
		SW134	
		Depth: 1.95 m	


WL - 0.00


MHF - 32.35

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

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Section Pictures - 04/07/2024 - SW134X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
56	Upstream	SW134X	56	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:03, 32.35 m
Finish node, manhole, reference: SW134

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Section Inspection - 24/06/2024 - UC01X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
57	1	24/06/24	10:13	LSO0381562	No Rain Or Snow	Yes	UC01X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC01
Road:	Grimshaw Lane	**Inspected Length:**	10.05 m	**Upstream Pipe Depth:**	0.51
Post Code:	M40 2BA	**Total Length:**	10.05 m	**Downstream Node:**	FW104
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:88

Position [m]	Code	Observation	Grade
		Depth: 0.71 m **FW104**	
0.00	MH	Start node, manhole, reference: wl: 5	
0.00	WL	Water level, 5% of the vertical dimension	
7.00	JN	Junction at 10 o'clock, 150mm dia	
8.64	LR	Line deviates right	
9.87	LU	Line deviates up	
10.05	OCF	Finish node, other special chamber, reference: UC01: UC01	
		UC01 **Depth: 0.51 m**	



MH - 0.00



OCF - 10.05

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

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Section Pictures - 24/06/2024 - UC01X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
57	Upstream	UC01X	57	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: wl, 5



2, 00:01:09, 10.05 m
Finish node, other special chamber, reference: UC01, UC01

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Section Inspection - 24/06/2024 - UC02X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
58	1	24/06/24	10:16	LSO0381562	No Rain Or Snow	Yes	UC02X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

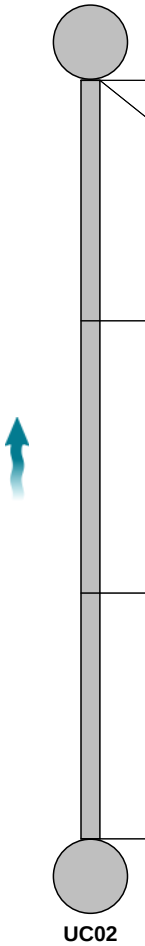
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC02
Road:	Grimshaw Lane	**Inspected Length:**	5.02 m	**Upstream Pipe Depth:**	0.50
Post Code:	M40 2BA	**Total Length:**	5.02 m	**Downstream Node:**	FW104
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 0.71 m
FW104



UC02
Depth: 0.50 m

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW104	
0.00	WL	Water level, 5% of the vertical dimension	
1.59	LR	Line deviates right	
3.39	LU	Line deviates up	
5.02	OCF	Finish node, other special chamber, reference: UC02: Head of system (HOS)	



MH - 0.00



OCF - 5.02

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

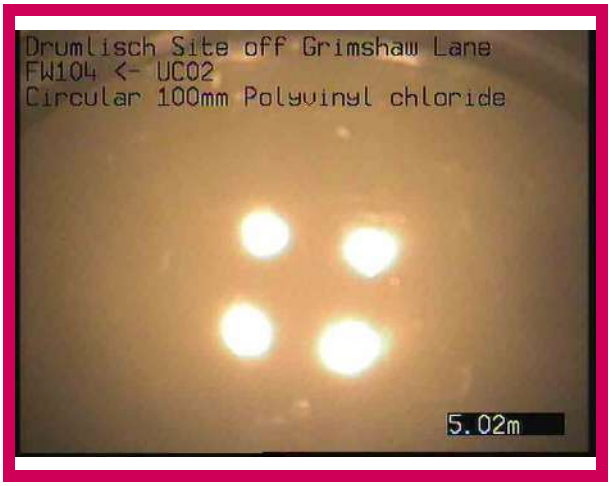
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Section Pictures - 24/06/2024 - UC02X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
58	Upstream	UC02X	58	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW104



2, 00:00:39, 5.02 m
Finish node, other special chamber, reference: UC02, Head of system (HOS)

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Section Inspection - 24/06/2024 - UC03X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
59	1	24/06/24	10:19	LSO0381562	No Rain Or Snow	Yes	UC03X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC03
Road:	Grimshaw Lane	**Inspected Length:**	3.34 m	**Upstream Pipe Depth:**	0.50
Post Code:	M40 2BA	**Total Length:**	3.34 m	**Downstream Node:**	FW104
Surface Type:		**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 0.71 m
FW104



UC03
Depth: 0.50 m

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW104	
0.00	WL	Water level, 0% of the vertical dimension	
1.89	LR	Line deviates right	
2.91	LU	Line deviates up	
3.34	OCF	Finish node, other special chamber, reference: UC03: HOS	



MH - 0.00



OCF - 3.34

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

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Section Pictures - 24/06/2024 - UC03X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
59	Upstream	UC03X	59	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW104



2, 00:00:23, 3.34 m
Finish node, other special chamber, reference: UC03, HOS

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Section Inspection - 24/06/2024 - FW104X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
60	1	24/06/24	10:21	LSO0381562	No Rain Or Snow	Yes	FW104X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW104
Road:	Grimshaw Lane	**Inspected Length:**	1.59 m	**Upstream Pipe Depth:**	0.71
Post Code:	M40 2BA	**Total Length:**	1.59 m	**Downstream Node:**	FW103
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: 0.71 m	
		FW104	
0.00	MH	Start node, manhole, reference: FW104	
0.00	WL	Water level, 5% of the vertical dimension	
1.59	MHF	Finish node, manhole, reference: FW103	
		FW103	
		Depth: 0.72 m	



MH - 0.00



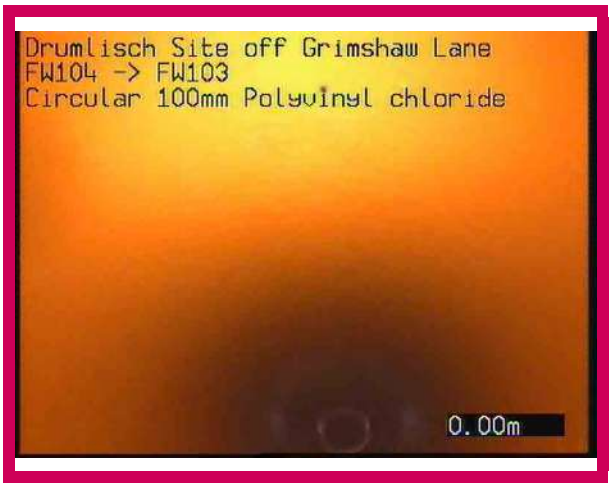
MHF - 1.59

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

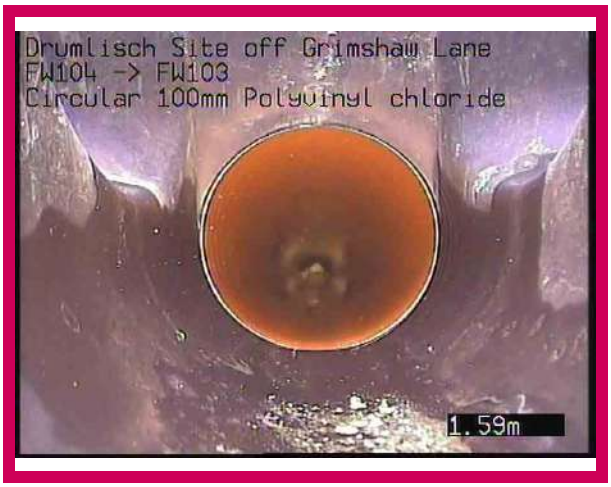
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Section Pictures - 24/06/2024 - FW104X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
60	Downstream	FW104X	60	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW104



2, 00:00:14, 1.59 m
Finish node, manhole, reference: FW103

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Section Inspection - 24/06/2024 - UC04X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
61	1	24/06/24	10:23	LSO0381562	No Rain Or Snow	Yes	UC04X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC04
Road:	Grimshaw Lane	**Inspected Length:**	10.92 m	**Upstream Pipe Depth:**	0.50
Post Code:	M40 2BA	**Total Length:**	10.92 m	**Downstream Node:**	FW103
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:95

Position [m]	Code	Observation	Grade
		Depth: 0.72 m **FW103**	
0.00	MH	Start node, manhole, reference: FW103	
0.00	WL	Water level, 5% of the vertical dimension	
8.73	LR	Line deviates right	
9.24	LU	Line deviates up	
9.85	JN	Junction at 03 o'clock, 100mm dia	
10.92	OCF	Finish node, other special chamber, reference: UC04: HOS	
		UC04 **Depth: 0.50 m**	



MH - 0.00



OCF - 10.92

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

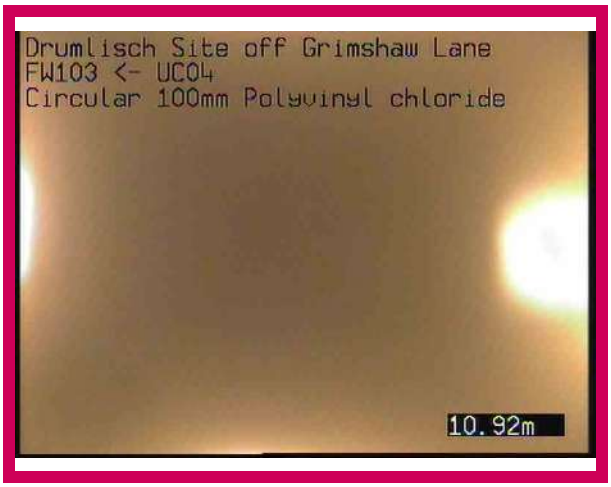
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Section Pictures - 24/06/2024 - UC04X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
61	Upstream	UC04X	61	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW103



2, 00:00:58, 10.92 m
Finish node, other special chamber, reference: UC04, HOS

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Section Inspection - 24/06/2024 - UC05X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
62	1	24/06/24	10:26	LSO0381562	No Rain Or Snow	Yes	UC05X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	UC05
Road:	Grimshaw Lane	**Inspected Length:**	2.14 m	**Upstream Pipe Depth:**	0.50
Post Code:	M40 2BA	**Total Length:**	2.14 m	**Downstream Node:**	FW103
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 0.50 m UC05				
	0.00	MH	Start node, manhole, reference: UC05	
	0.00	WL	Water level, 5% of the vertical dimension	
	1.48	LU	Line deviates up	
	2.14	OCF	Finish node, other special chamber, reference: FW103: HOS	
FW103 Depth: 0.72 m				



MH - 0.00



OCF - 2.14

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

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Section Pictures - 24/06/2024 - UC05X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
62	Downstream	UC05X	62	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC05



2, 00:00:26, 2.14 m
Finish node, other special chamber, reference: FW103, HOS

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Section Inspection - 24/06/2024 - FW102X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
64	1	24/06/24	12:50	LSO0381562	No Rain Or Snow	Yes	FW102X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

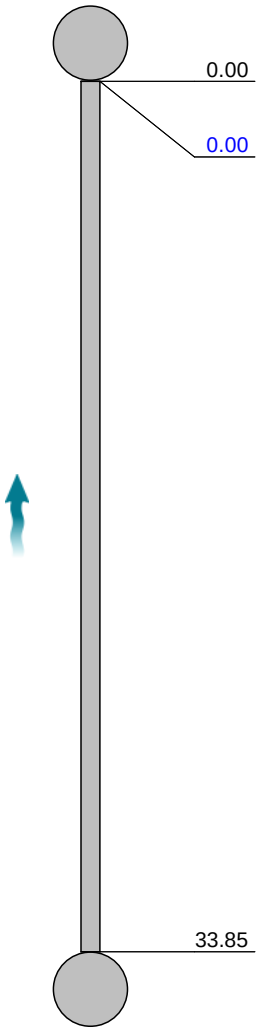
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW102
Road:	Grimshaw Lane	**Inspected Length:**	33.85 m	**Upstream Pipe Depth:**	0.69
Post Code:	M40 2BA	**Total Length:**	33.85 m	**Downstream Node:**	FW105
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.75

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

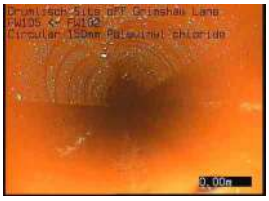
Comments:
Recommendations:

Scale: 1:294 **Position [m]** **Code** **Observation** **Grade**

Depth: 0.75 m
FW105



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW105
0.00	WL	Water level, 5% of the vertical dimension
33.85	MHF	Finish node, manhole, reference: FW102



MH - 0.00



MHF - 33.85

FW102
Depth: 0.69 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

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Section Pictures - 24/06/2024 - FW102X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
64	Upstream	FW102X	64	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW105



2, 00:03:03, 33.85 m
Finish node, manhole, reference: FW102

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Section Inspection - 24/06/2024 - UC06X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
65	1	24/06/24	13:11	LSO0381562	No Rain Or Snow	Yes	UC06X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC06
Road:	Grimshaw Lane	**Inspected Length:**	4.04 m	**Upstream Pipe Depth:**	0.72
Post Code:	M40 2BA	**Total Length:**	4.04 m	**Downstream Node:**	FW105
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.24

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 1.24 m				
FW105				
	0.00	MH	Start node, manhole, reference: FW105	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.10	LR	Line deviates right: Sharp	
	4.04	MHF	Finish node, manhole, reference: UC06	
UC06				
Depth: 0.72 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

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Section Inspection - 24/06/2024 - FW103X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
66	1	24/06/24	13:13	LSO0381562	No Rain Or Snow	Yes	FW103X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

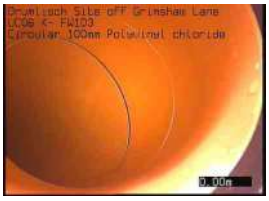
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW103
Road:	Grimshaw Lane	**Inspected Length:**	37.25 m	**Upstream Pipe Depth:**	0.71
Post Code:	M40 2BA	**Total Length:**	37.25 m	**Downstream Node:**	UC06
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

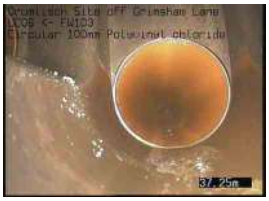
Comments:
Recommendations:

Scale: 1:323

Position [m]	Code	Observation	Grade
		Depth: 0.72 m	
		UC06	
0.00	MH	Start node, manhole, reference: UC06	
0.00	WL	Water level, 5% of the vertical dimension	
0.00	LL	Line deviates left	
37.25	MHF	Finish node, manhole, reference: FW103	
		FW103	
		Depth: 0.71 m	



MH - 0.00



MHF - 37.25

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

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Section Pictures - 24/06/2024 - FW103X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
66	Upstream	FW103X	66	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC06



2, 00:02:36, 37.25 m
Finish node, manhole, reference: FW103

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Section Inspection - 24/06/2024 - FW101X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
67	1	24/06/24	13:42	LSO0381562	No Rain Or Snow	Yes	FW101X

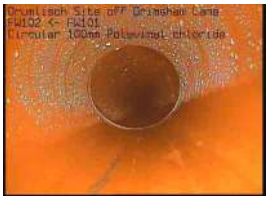
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW101
Road:	Grimshaw Lane	**Inspected Length:**	42.99 m	**Upstream Pipe Depth:**	1.15
Post Code:	M40 2BA	**Total Length:**	42.99 m	**Downstream Node:**	FW102
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.11

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:373	Position [m]	Code	Observation	Grade
Depth: 1.11 m				
FW102				
	0.00	MH	Start node, manhole, reference: FW102	
	0.00	WL	Water level, 5% of the vertical dimension	
	41.45	DES	Settled deposits, fine, 5% cross-sectional area loss	3
	42.40	DES	Settled deposits, fine, 10% cross-sectional area loss	3
FW101	42.99	MHF	Finish node, manhole, reference: FW101	
Depth: 1.15 m				


MH - 0.00


DES - 41.45

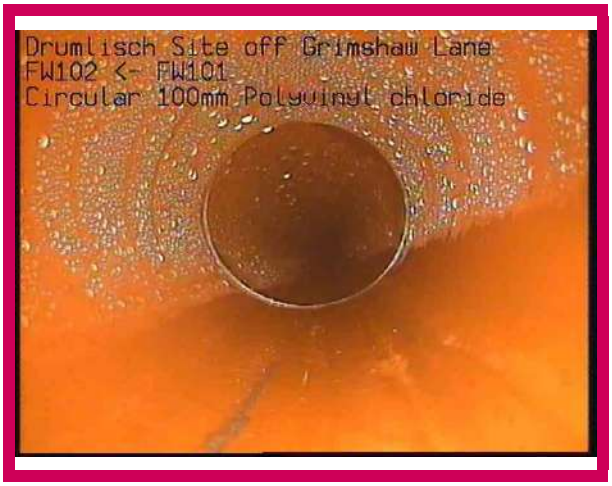

MHF - 42.99

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	2.0	0.1	4.0	3.0

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Section Pictures - 24/06/2024 - FW101X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
67	Upstream	FW101X	67	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW102



2, 00:04:25, 41.45 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:04:35, 42.99 m
Finish node, manhole, reference: FW101

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Section Inspection - 24/06/2024 - UC07X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
68	1	24/06/24	13:52	LSO0381562	No Rain Or Snow	Yes	UC07X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

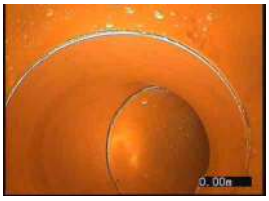
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC07
Road:	Grimshaw Lane	**Inspected Length:**	8.93 m	**Upstream Pipe Depth:**	0.50
Post Code:	M40 2BA	**Total Length:**	8.93 m	**Downstream Node:**	FW102
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.11

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:78

Position [m]	Code	Observation	Grade
		Depth: 1.11 m **FW102**	
0.00	MH	Start node, manhole, reference: FW102	
0.00	WL	Water level, 5% of the vertical dimension	
1.77	LR	Line deviates right	
8.72	LU	Line deviates up	
8.93	OCF	Finish node, other special chamber, reference: UC07: UC07	
		UC07 **Depth: 0.50 m**	



MH - 0.00



OCF - 8.93

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

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Section Pictures - 24/06/2024 - UC07X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
68	Upstream	UC07X	68	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW102



2, 00:00:48, 8.93 m
Finish node, other special chamber, reference: UC07, UC07

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Section Inspection - 24/06/2024 - FW204X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
69	1	24/06/24	14:11	LSO0381562	No Rain Or Snow	Yes	FW204X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

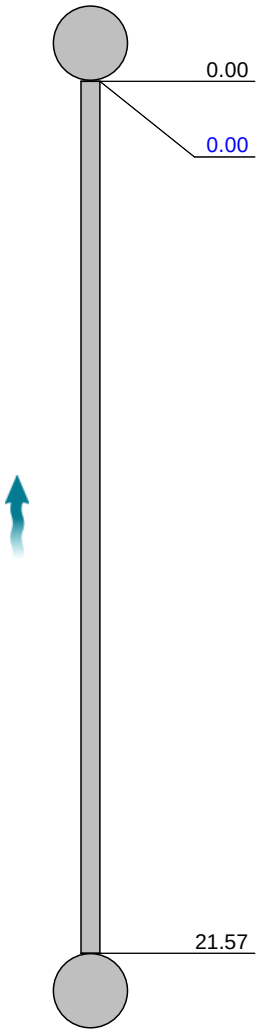
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW204
Road:	Grimshaw Lane	**Inspected Length:**	21.57 m	**Upstream Pipe Depth:**	0.99
Post Code:	M40 2BA	**Total Length:**	21.57 m	**Downstream Node:**	FW101
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.14

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:187 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.14 m
FW101



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW101
0.00	WL	Water level, 5% of the vertical dimension
21.57	MHF	Finish node, manhole, reference: FW204



MH - 0.00



MHF - 21.57

FW204
Depth: 0.99 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

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Section Pictures - 24/06/2024 - FW204X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
69	Upstream	FW204X	69	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW101



2, 00:01:30, 21.57 m
Finish node, manhole, reference: FW204

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Section Inspection - 24/06/2024 - UC08X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
70	1	24/06/24	15:30	LSO0381562	No Rain Or Snow	Yes	UC08X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC08
Road:	Grimshaw Lane	**Inspected Length:**	12.17 m	**Upstream Pipe Depth:**	0.50
Post Code:	M40 2BA	**Total Length:**	12.17 m	**Downstream Node:**	FW129
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:106

Depth: 0.71 m
FW129



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW129	
0.00	WL	Water level, 5% of the vertical dimension	
10.95	LU	Line deviates up	
12.17	OCF	Finish node, other special chamber, reference: UC08: UC08	



MH - 0.00



OCF - 12.17

UC08
Depth: 0.50 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

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Section Pictures - 24/06/2024 - UC08X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
70	Upstream	UC08X	70	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW129



2, 00:00:45, 12.17 m
Finish node, other special chamber, reference: UC08, UC08

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Section Inspection - 24/06/2024 - FW129X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
71	1	24/06/24	15:46	LSO0381562	No Rain Or Snow	Yes	FW129X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW129
Road:	Grimshaw Lane	**Inspected Length:**	21.03 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	21.03 m	**Downstream Node:**	UC09
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.11

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:183

Position [m]	Code	Observation	Grade
		Depth: m **FW129**	
0.00	MH	Start node, manhole, reference: FW129	
0.00	WL	Water level, 5% of the vertical dimension	
16.65	WL	Water level, 15% of the vertical dimension	
19.02	WL	Water level, 5% of the vertical dimension	
21.03	BRF	Finish node, major connection without manhole, reference: UC09	
		UC09 **Depth: 1.11 m**	



MH - 0.00



BRF - 21.03

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

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Section Pictures - 24/06/2024 - FW129X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
71	Downstream	FW129X	71	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW129



2, 00:01:32, 21.03 m
Finish node, major connection without manhole, reference: UC09

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Section Inspection - 25/06/2024 - UC10X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
72	1	25/06/24	8:42	LSO0381562	No Rain Or Snow	Yes	UC10X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC10
Road:	Grimshaw Lane	**Inspected Length:**	7.86 m	**Upstream Pipe Depth:**	0.49
Post Code:	M40 2BA	**Total Length:**	7.86 m	**Downstream Node:**	FW111
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:69

Position [m]	Code	Observation	Grade
		Depth: 0.71 m **FW111**	
0.00	MH	Start node, manhole, reference: FW111	
0.00	WL	Water level, 10% of the vertical dimension	
2.09	LR	Line deviates right	
4.55	LL	Line deviates left	
6.98	LU	Line deviates up	
7.86	OCF	Finish node, other special chamber, reference: UC10: UC10	
		UC10 **Depth: 0.49 m**	



MH - 0.00



OCF - 7.86

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

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Section Pictures - 25/06/2024 - UC10X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
72	Upstream	UC10X	72	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:43, 7.86 m
Finish node, other special chamber, reference: UC10, UC10

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Section Inspection - 25/06/2024 - UC11X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
73	1	25/06/24	8:45	LSO0381562	No Rain Or Snow	Yes	UC11X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC11
Road:	Grimshaw Lane	**Inspected Length:**	3.49 m	**Upstream Pipe Depth:**	0.34
Post Code:	M40 2BA	**Total Length:**	3.49 m	**Downstream Node:**	FW111
Surface Type:		**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 0.71 m FW111				
	0.00	MH	Start node, manhole, reference: FW111	
	0.00	WL	Water level, 10% of the vertical dimension	
	1.78	LU	Line deviates up	
	3.49	OCF	Finish node, other special chamber, reference: UC11: UC11	
UC11 Depth: 0.34 m				



MH - 0.00



OCF - 3.49

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

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Section Pictures - 25/06/2024 - UC11X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
73	Upstream	UC11X	73	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:26, 3.49 m
Finish node, other special chamber, reference: UC11, UC11

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Section Inspection - 25/06/2024 - UC12X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
74	1	25/06/24	8:47	LSO0381562	No Rain Or Snow	Yes	UC12X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

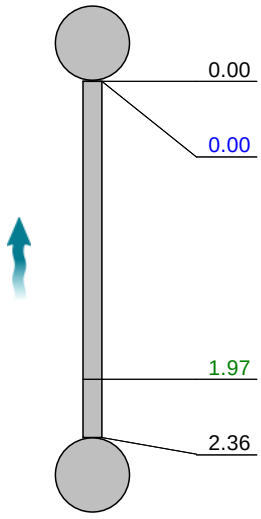
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC12
Road:	Grimshaw Lane	**Inspected Length:**	2.36 m	**Upstream Pipe Depth:**	0.38
Post Code:	M40 2BA	**Total Length:**	2.36 m	**Downstream Node:**	FW111
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 0.71 m
FW111



UC12
Depth: 0.38 m

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW111	
0.00	WL	Water level, 5% of the vertical dimension	
1.97	LU	Line deviates up	
2.36	OCF	Finish node, other special chamber, reference: UC12: UC12	



MH - 0.00



OCF - 2.36

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

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Section Pictures - 25/06/2024 - UC12X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
74	Upstream	UC12X	74	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:17, 2.36 m
Finish node, other special chamber, reference: UC12, UC12

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Section Inspection - 25/06/2024 - FW111X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
75	1	25/06/24	8:49	LSO0381562	No Rain Or Snow	Yes	FW111X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW111
Road:	Grimshaw Lane	**Inspected Length:**	1.45 m	**Upstream Pipe Depth:**	0.71
Post Code:	M40 2BA	**Total Length:**	1.45 m	**Downstream Node:**	FW112
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 0.71 m
FW111



FW112
Depth: 0.72 m

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW111	
0.00	WL	Water level, 5% of the vertical dimension	
1.45	MHF	Finish node, manhole, reference: FW112: FW112	



MH - 0.00



MHF - 1.45

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

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Section Pictures - 25/06/2024 - FW111X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
75	Downstream	FW111X	75	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:14, 1.45 m
Finish node, manhole, reference: FW112, FW112

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Section Inspection - 25/06/2024 - FW112X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
76	1	25/06/24	8:50	LSO0381562	No Rain Or Snow	Yes	FW112X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW112
Road:	Grimshaw Lane	**Inspected Length:**	16.96 m	**Upstream Pipe Depth:**	0.72
Post Code:	M40 2BA	**Total Length:**	16.96 m	**Downstream Node:**	FW113
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.87

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:147

Position [m]	Code	Observation	Grade
		Depth: 0.72 m	
		FW112	
0.00	MH	Start node, manhole, reference: FW112	
0.00	WL	Water level, 5% of the vertical dimension	
15.75	LL	Line deviates left	
16.96	MHF	Finish node, manhole, reference: FW113	
		FW113	
		Depth: 0.87 m	



MH - 0.00



MHF - 16.96

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

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Section Pictures - 25/06/2024 - FW112X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
76	Downstream	FW112X	76	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW112



2, 00:01:09, 16.96 m
Finish node, manhole, reference: FW113

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Section Inspection - 25/06/2024 - UC13X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
77	1	25/06/24	8:54	LSO0381562	No Rain Or Snow	Yes	UC13X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

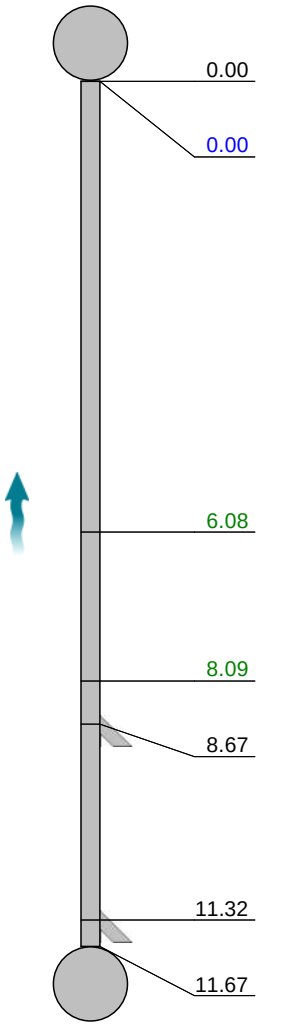
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC13
Road:	Grimshaw Lane	**Inspected Length:**	11.67 m	**Upstream Pipe Depth:**	0.32
Post Code:	M40 2BA	**Total Length:**	11.67 m	**Downstream Node:**	FW112
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:102 **Position [m]** **Code** **Observation** **Grade**

Depth: 0.72 m
FW112



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW112
0.00	WL	Water level, 5% of the vertical dimension
6.08	LL	Line deviates left
8.09	LU	Line deviates up
8.67	JN	Junction at 10 o'clock, 100mm dia
11.32	JN	Junction at 11 o'clock, 150mm dia
11.67	OCF	Finish node, other special chamber, reference: UC13: UC13

UC13
Depth: 0.32 m



MH - 0.00



OCF - 11.67

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

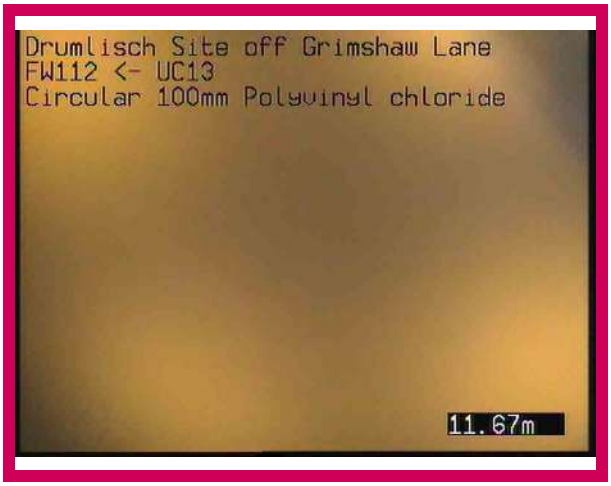
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Section Pictures - 25/06/2024 - UC13X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
77	Upstream	UC13X	77	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW112



2, 00:01:47, 11.67 m
Finish node, other special chamber, reference: UC13, UC13

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Section Inspection - 25/06/2024 - UC14X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
78	1	25/06/24	8:58	LSO0381562	No Rain Or Snow	Yes	UC14X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC14
Road:	Grimshaw Lane	**Inspected Length:**	2.72 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	2.72 m	**Downstream Node:**	FW112
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.72

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Depth: 0.72 m
FW112

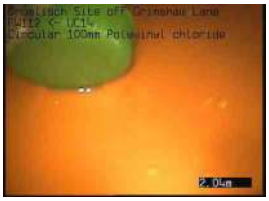


UC14
Depth: 0.35 m

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW112	
0.00	WL	Water level, 5% of the vertical dimension	
2.04	LU	Line deviates up	
2.04	OBX	Other obstacles, other object in invert at 6 o'clock, 10% cross-sectional area loss: Bottle in line	5
2.72	OCF	Finish node, other special chamber, reference: UC14: UC14	



MH - 0.00



OBX - 2.04

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
0	0.0	0.0	0.0	1.0	1	10.0	3.7	10.0	5.0

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Section Pictures - 25/06/2024 - UC14X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
78	Upstream	UC14X	78	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW112



2, 00:00:22, 2.04 m
Other obstacles, other object in invert at 6 o'clock, 10% cross-sectional area loss, Bottle in line

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Section Inspection - 25/06/2024 - UC14AX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
79	1	25/06/24	9:18	LSO0381562	No Rain Or Snow	Yes	UC14AX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC14A
Road:	Grimshaw Lane	**Inspected Length:**	13.52 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	13.52 m	**Downstream Node:**	FW110
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.74

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:118

Position [m]	Code	Observation	Grade
		Depth: 0.74 m	
		FW110	
0.00	WL	Water level, 5% of the vertical dimension	
0.00	MH	Start node, manhole, reference: FW110	
12.12	LU	Line deviates up	
12.49	JN	Junction at 03 o'clock, 100mm dia	
12.49	RFJ	Roots, fine at joint	2
13.52	OCF	Finish node, other special chamber, reference: UC14A: UC114A	
		UC14A	
		Depth: 0.35 m	



WL - 0.00



RFJ - 12.49

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	1.0	0.1	1.0	2.0

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Section Pictures - 25/06/2024 - UC14AX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
79	Upstream	UC14AX	79	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:01:10, 12.49 m
Roots, fine at joint

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Section Inspection - 25/06/2024 - UC15X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
80	1	25/06/24	9:21	LSO0381562	No Rain Or Snow	Yes	UC15X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC15
Road:	Grimshaw Lane	**Inspected Length:**	11.36 m	**Upstream Pipe Depth:**	0.38
Post Code:	M40 2BA	**Total Length:**	11.36 m	**Downstream Node:**	FW110
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.81

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:99 **Position [m]** **Code** **Observation** **Grade**

Depth: 0.81 m
FW110



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW110
0.00	WL	Water level, 5% of the vertical dimension
9.59	LR	Line deviates right
10.91	LU	Line deviates up
11.36	OCF	Finish node, other special chamber, reference: UC15: UC15



MH - 0.00



OCF - 11.36

UC15
Depth: 0.38 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

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Section Pictures - 25/06/2024 - UC15X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
80	Upstream	UC15X	80	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW110



2, 00:01:39, 11.36 m
Finish node, other special chamber, reference: UC15, UC15

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Section Inspection - 25/06/2024 - UC16X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
81	1	25/06/24	9:30	LSO0381562	No Rain Or Snow	Yes	UC16X

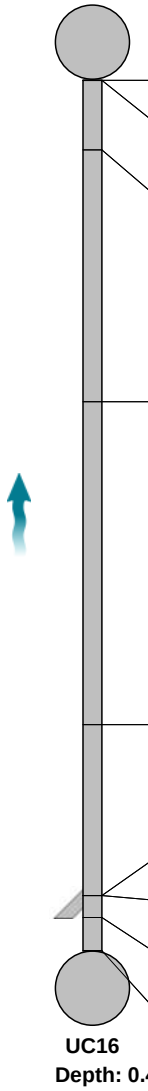
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC16
Road:	Grimshaw Lane	**Inspected Length:**	18.89 m	**Upstream Pipe Depth:**	0.44
Post Code:	M40 2BA	**Total Length:**	18.89 m	**Downstream Node:**	UC18
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.74

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:164



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: UC18	
0.00	WL	Water level, 5% of the vertical dimension	
1.52	LR	Line deviates right	
6.98	LR	Line deviates right	
13.98	LR	Line deviates right	
17.69	LL	Line deviates left	
17.69	JN	Junction at 01 o'clock, 100mm dia	
18.17	LU	Line deviates up	
18.89	OCF	Finish node, other special chamber, reference: UC16: In view	



MH - 0.00



LR - 13.98



OCF - 18.89

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

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Section Pictures - 25/06/2024 - UC16X

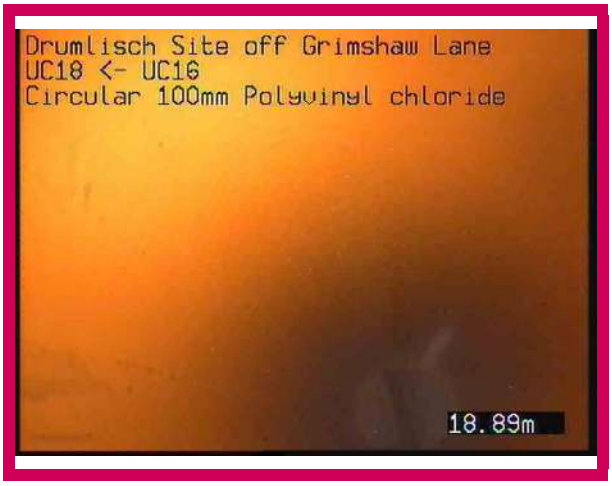
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
81	Upstream	UC16X	81	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC18



2, 00:01:01, 13.98 m
Line deviates right



3, 00:01:41, 18.89 m
Finish node, other special chamber, reference: UC16, In view

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Section Inspection - 25/06/2024 - UC17X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
82	1	25/06/24	9:34	LSO0381562	No Rain Or Snow	Yes	UC17X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC17
Road:	Grimshaw Lane	**Inspected Length:**	14.75 m	**Upstream Pipe Depth:**	0.14
Post Code:	M40 2BA	**Total Length:**	14.75 m	**Downstream Node:**	UC18
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:128

Position [m]	Code	Observation	Grade
		Depth: 0.73 m	
		UC18	
0.00	MH	Start node, manhole, reference: UC18	
0.00	WL	Water level, 5% of the vertical dimension	
1.49	LR	Line deviates right	
7.28	LR	Line deviates right	
12.66	LU	Line deviates up	
13.62	JN	Junction at 09 o'clock, 100mm dia	
14.75	OCF	Finish node, other special chamber, reference: UC17: UC17	
		UC17	
		Depth: 0.14 m	



MH - 0.00



OCF - 14.75

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

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Section Pictures - 25/06/2024 - UC17X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
82	Upstream	UC17X	82	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC18



2, 00:01:09, 14.75 m
Finish node, other special chamber, reference: UC17, UC17

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Section Inspection - 25/06/2024 - FW110X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
83	1	25/06/24	9:40	LSO0381562	No Rain Or Snow	Yes	FW110X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW110
Road:	Grimshaw Lane	**Inspected Length:**	9.37 m	**Upstream Pipe Depth:**	0.75
Post Code:	M40 2BA	**Total Length:**	9.37 m	**Downstream Node:**	FW113
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.99

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:82	Position [m]	Code	Observation	Grade
Depth: 0.75 m				
FW110				
	0.00	MH	Start node, manhole, reference: FW110	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.50	JN	Junction at 09 o'clock, 100mm dia, from UC18	
	9.37	MHF	Finish node, manhole, reference: FW113	
FW113				
Depth: 0.99 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

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Section Inspection - 25/06/2024 - FW113X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
84	1	25/06/24	9:42	LSO0381562	No Rain Or Snow	Yes	FW113X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW113
Road:	Grimshaw Lane	**Inspected Length:**	7.17 m	**Upstream Pipe Depth:**	0.89
Post Code:	M40 2BA	**Total Length:**	7.17 m	**Downstream Node:**	FW114
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.99

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:63

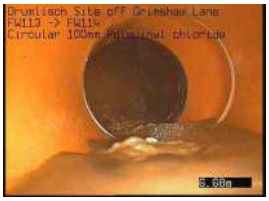
Depth: 0.89 m
FW113

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW113	
0.00	WL	Water level, 5% of the vertical dimension	
6.23	WL	Water level, 10% of the vertical dimension	
6.68	DES	Settled deposits, fine, 5% cross-sectional area loss	3
7.17	MHF	Finish node, manhole, reference: FW114	

FW114
Depth: 0.99 m



MH - 0.00



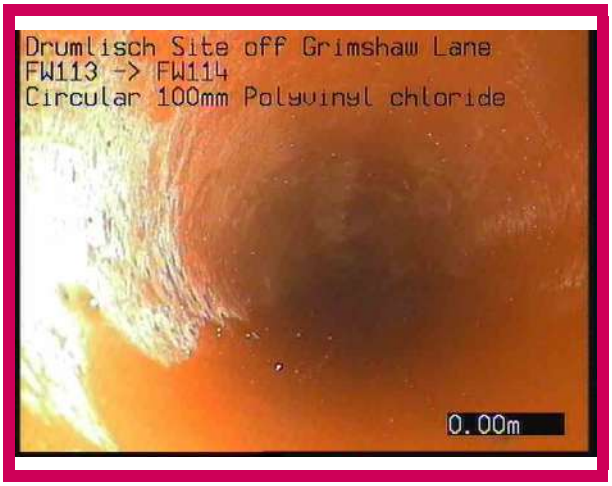
DES - 6.68

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	2.0	0.3	2.0	3.0

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Section Pictures - 25/06/2024 - FW113X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
84	Downstream	FW113X	84	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW113



2, 00:00:33, 6.68 m
Settled deposits, fine, 5% cross-sectional area loss

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Section Inspection - 25/06/2024 - UC19X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
85	1	25/06/24	9:47	LSO0381562	No Rain Or Snow	Yes	UC19X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC19
Road:	Grimshaw Lane	**Inspected Length:**	22.40 m	**Upstream Pipe Depth:**	0.37
Post Code:	M40 2BA	**Total Length:**	22.40 m	**Downstream Node:**	FW114
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.99

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

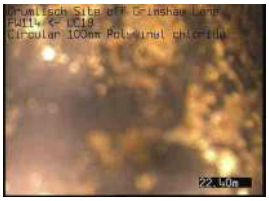
Comments:
Recommendations:

Scale: 1:194

Position [m]	Code	Observation	Grade
		Depth: 0.99 m	
		FW114	
0.00	MH	Start node, manhole, reference: FW114	
0.00	WL	Water level, 5% of the vertical dimension	
21.79	LU	Line deviates up	
22.40	OCF	Finish node, other special chamber, reference: UC19: UC19	
		UC19	
		Depth: 0.37 m	



MH - 0.00



OCF - 22.40

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

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Section Pictures - 25/06/2024 - UC19X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
85	Upstream	UC19X	85	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW114



2, 00:01:26, 22.40 m
Finish node, other special chamber, reference: UC19, UC19

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Section Inspection - 25/06/2024 - FW114X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
86	1	25/06/24	11:06	LSO0381562	No Rain Or Snow	Yes	FW114X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

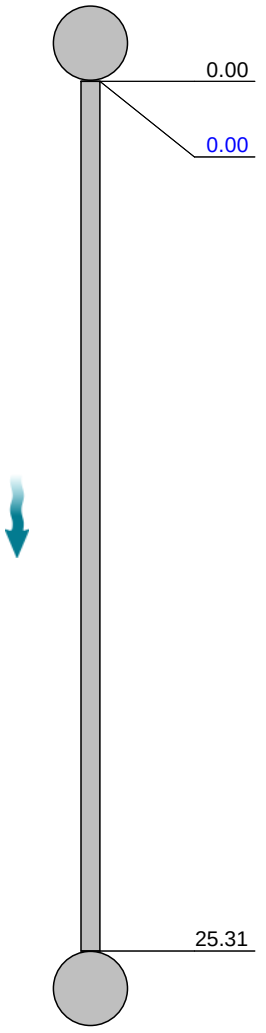
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW114
Road:	Grimshaw Lane	**Inspected Length:**	25.31 m	**Upstream Pipe Depth:**	1.01
Post Code:	M40 2BA	**Total Length:**	25.31 m	**Downstream Node:**	FW115
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.58

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:220 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.01 m
FW114



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW114
0.00	WL	Water level, 5% of the vertical dimension
25.31	MHF	Finish node, manhole, reference: FW115



MH - 0.00



MHF - 25.31

FW115
Depth: 1.58 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

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Section Pictures - 25/06/2024 - FW114X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
86	Downstream	FW114X	86	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW114



2, 00:02:09, 25.31 m
Finish node, manhole, reference: FW115

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Section Inspection - 25/06/2024 - UC20X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
87	1	25/06/24	12:04	LSO0381562	No Rain Or Snow	Yes	UC20X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

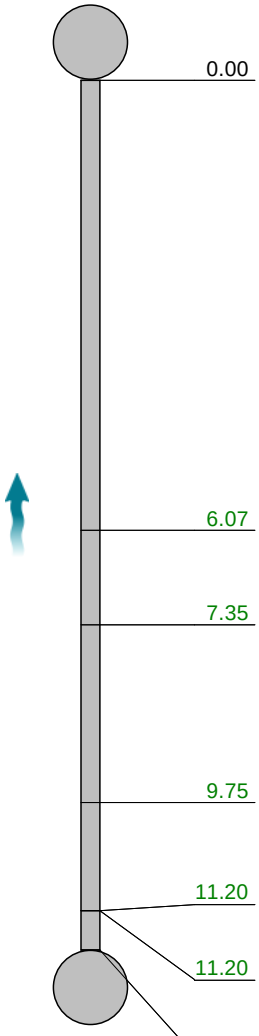
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC20
Road:	Grimshaw Lane	**Inspected Length:**	11.74 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	11.74 m	**Downstream Node:**	FW121
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:102 **Position [m]** **Code** **Observation** **Grade**

Depth: 0.89 m
FW121



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW121
6.07	LL	Line deviates left
7.35	LL	Line deviates left
9.75	LR	Line deviates right
11.20	LR	Line deviates right
11.20	LU	Line deviates up
11.74	OCF	Finish node, other special chamber, reference: UC20: UC20



MH - 0.00



OCF - 11.74

UC20
Depth: 0.30 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

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Section Pictures - 25/06/2024 - UC20X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
87	Upstream	UC20X	87	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW121



2, 00:01:40, 11.74 m
Finish node, other special chamber, reference: UC20, UC20

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Section Inspection - 25/06/2024 - UC21X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
88	1	25/06/24	12:08	LSO0381562	No Rain Or Snow	Yes	UC21X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC21
Road:	Grimshaw Lane	**Inspected Length:**	9.65 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	9.65 m	**Downstream Node:**	FW121
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:84

Position [m]	Code	Observation	Grade
		Depth: 0.89 m **FW121**	
0.00	MH	Start node, manhole, reference: FW121	
0.00	WL	Water level, 5% of the vertical dimension	
3.05	LL	Line deviates left	
9.32	LU	Line deviates up	
9.65	OCF	Finish node, other special chamber, reference: UC21: UC21	
		UC21 **Depth: 0.30 m**	



MH - 0.00



OCF - 9.65

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

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Section Pictures - 25/06/2024 - UC21X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
88	Upstream	UC21X	88	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW121



2, 00:00:55, 9.65 m
Finish node, other special chamber, reference: UC21, UC21

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Section Inspection - 25/06/2024 - FW121X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
89	1	25/06/24	12:10	LSO0381562	No Rain Or Snow	Yes	FW121X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW121
Road:	Grimshaw Lane	**Inspected Length:**	5.02 m	**Upstream Pipe Depth:**	0.89
Post Code:	M40 2BA	**Total Length:**	5.02 m	**Downstream Node:**	FW122
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.99

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 0.89 m				
FW121				
	0.00	MH	Start node, manhole, reference: FW121	
	0.00	WL	Water level, 5% of the vertical dimension	
	5.02	MHF	Finish node, manhole, reference: FW122	
FW122				
Depth: 0.99 m				



MH - 0.00



MHF - 5.02

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

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Section Pictures - 25/06/2024 - FW121X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
89	Downstream	FW121X	89	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW121



2, 00:00:32, 5.02 m
Finish node, manhole, reference: FW122

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Section Inspection - 25/06/2024 - UC22X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
90	1	25/06/24	12:14	LSO0381562	No Rain Or Snow	Yes	UC22X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC22
Road:	Grimshaw Lane	**Inspected Length:**	9.84 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	9.84 m	**Downstream Node:**	FW122
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.99

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:86	Position [m]	Code	Observation	Grade
Depth: 0.99 m **FW122**				
	0.00	MH	Start node, manhole, reference: FW122	
	0.00	WL	Water level, 5% of the vertical dimension	
	6.53	LU	Line deviates up	
	8.18	LU	Line deviates up	
	8.54	JN	Junction at 02 o'clock, 100mm dia	
	9.84	OCF	Finish node, other special chamber, reference: UC22: UC22	
UC22 **Depth: 0.30 m**				



MH - 0.00



OCF - 9.84

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

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Section Pictures - 25/06/2024 - UC22X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
90	Upstream	UC22X	90	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW122



2, 00:01:09, 9.84 m
Finish node, other special chamber, reference: UC22, UC22

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Section Inspection - 25/06/2024 - UC23X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
91	1	25/06/24	12:17	LSO0381562	No Rain Or Snow	Yes	UC23X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC23
Road:	Grimshaw Lane	**Inspected Length:**	11.93 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	11.93 m	**Downstream Node:**	FW122
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.99

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:104



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW122	
0.00	WL	Water level, 5% of the vertical dimension	
9.16	LR	Line deviates right	
10.44	DES	Settled deposits, fine, 5% cross-sectional area loss	3
11.39	LU	Line deviates up	
11.93	OCF	Finish node, other special chamber, reference: UC23: In View	



MH - 0.00



DES - 10.44



OCF - 11.93

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	2.0	0.2	2.0	3.0

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Section Pictures - 25/06/2024 - UC23X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
91	Upstream	UC23X	91	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW122



2, 00:01:13, 10.44 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:01:30, 11.93 m
Finish node, other special chamber, reference: UC23, In View

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Section Inspection - 25/06/2024 - FW122X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
92	1	25/06/24	12:39	LSO0381562	No Rain Or Snow	Yes	FW122X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW122
Road:	Grimshaw Lane	**Inspected Length:**	30.78 m	**Upstream Pipe Depth:**	0.71
Post Code:	M40 2BA	**Total Length:**	30.78 m	**Downstream Node:**	FW125
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.75

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:267

Position [m]	Code	Observation	Grade
		Depth: 0.71 m	
		FW122	
0.00	MH	Start node, manhole, reference: FW122	
0.00	WL	Water level, 5% of the vertical dimension	
7.10	DES	Settled deposits, fine, 5% cross-sectional area loss	3
21.43	JN	Junction at 09 o'clock, 100mm dia	
30.78	MHF	Finish node, manhole, reference: FW123: Rubble removed at MH	
		FW125	
		Depth: 0.75 m	



MH - 0.00



DES - 7.10



MHF - 30.78

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	2.0	0.1	2.0	3.0

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Section Pictures - 25/06/2024 - FW122X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
92	Downstream	FW122X	92	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW122



2, 00:00:26, 7.10 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:01:55, 30.78 m
Finish node, manhole, reference: FW123, Rubble removed at MH

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Section Inspection - 25/06/2024 - UC24X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
93	1	25/06/24	13:55	LSO0381562	No Rain Or Snow	Yes	UC24X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC24
Road:	Grimshaw Lane	**Inspected Length:**	6.20 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	6.20 m	**Downstream Node:**	FW123
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:54

Depth: 0.73 m
FW123



UC24
Depth: 0.30 m

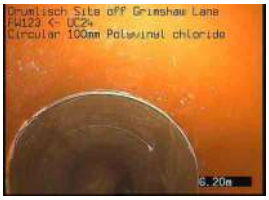
Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW123	
0.00	WL	Water level, 5% of the vertical dimension	
4.71	DES	Settled deposits, fine, 5% cross-sectional area loss	3
5.33	LU	Line deviates up	
6.20	OCF	Finish node, other special chamber, reference: UC24: In veiw due to line up and unable to push	



MH - 0.00



DES - 4.71



OCF - 6.20

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	2.0	0.3	2.0	3.0

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Section Pictures - 25/06/2024 - UC24X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
93	Upstream	UC24X	93	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:00:31, 4.71 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:00:48, 6.20 m
Finish node, other special chamber, reference: UC24, In veiw due to line up and unable to push

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Section Inspection - 25/06/2024 - UC25X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
94	1	25/06/24	13:58	LSO0381562	No Rain Or Snow	Yes	UC25X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC25
Road:	Grimshaw Lane	**Inspected Length:**	12.65 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	12.65 m	**Downstream Node:**	FW123
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:110

Position [m]	Code	Observation	Grade
		Depth: 0.73 m	
		FW123	
0.00	MH	Start node, manhole, reference: FW123	
0.00	WL	Water level, 5% of the vertical dimension	
8.71	LU	Line deviates up	
9.32	JN	Junction at 10 o'clock, 100mm dia	
12.00	LU	Line deviates up	
12.00	LR	Line deviates right	
12.65	OCF	Finish node, other special chamber, reference: UC25: In View unable to push round bends	
		UC25	
		Depth: 0.30 m	



MH - 0.00



OCF - 12.65

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

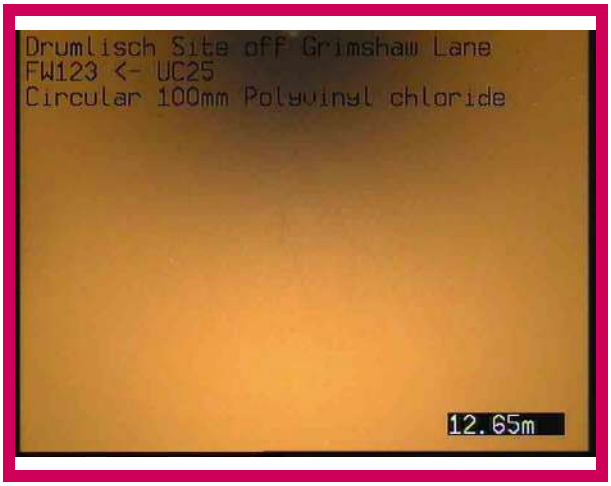
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Section Pictures - 25/06/2024 - UC25X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
94	Upstream	UC25X	94	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:01:09, 12.65 m
Finish node, other special chamber, reference: UC25, In View
unable to push round bends

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Section Inspection - 25/06/2024 - UC26X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
95	1	25/06/24	14:01	LSO0381562	No Rain Or Snow	Yes	UC26X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC26
Road:	Grimshaw Lane	**Inspected Length:**	8.91 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	8.91 m	**Downstream Node:**	FW123
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:78

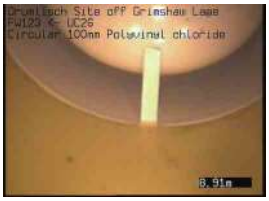
Depth: 0.73 m
FW123

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW123	
0.00	WL	Water level, 5% of the vertical dimension	
2.97	LR	Line deviates right	
6.01	LR	Line deviates right	
8.40	LU	Line deviates up	
8.91	OCF	Finish node, other special chamber, reference: UC26: UC26	

UC26
Depth: 0.30 m



MH - 0.00



OCF - 8.91

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

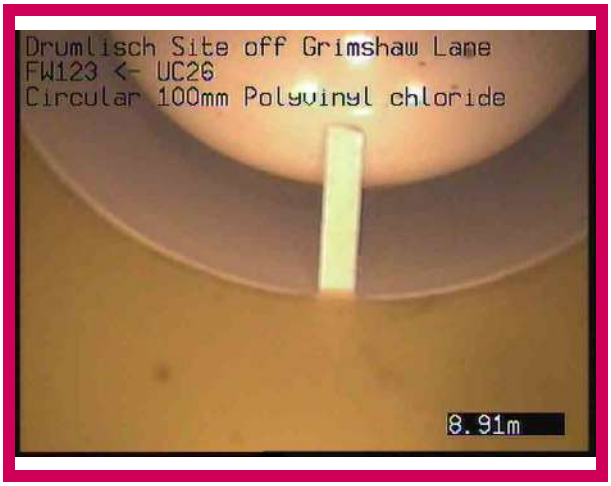
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Section Pictures - 25/06/2024 - UC26X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
95	Upstream	UC26X	95	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:00:50, 8.91 m
Finish node, other special chamber, reference: UC26, UC26

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Section Inspection - 25/06/2024 - UC27X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
96	1	25/06/24	14:03	LSO0381562	No Rain Or Snow	Yes	UC27X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC27
Road:	Grimshaw Lane	**Inspected Length:**	11.01 m	**Upstream Pipe Depth:**	0.32
Post Code:	M40 2BA	**Total Length:**	11.01 m	**Downstream Node:**	FW123
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:96

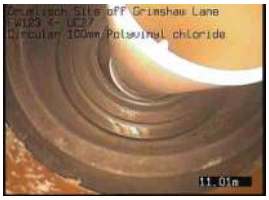
Position [m]	Code	Observation	Grade
		Depth: 0.73 m **FW123**	
0.00	MH	Start node, manhole, reference: FW123	
0.00	WL	Water level, 5% of the vertical dimension	
2.62	LR	Line deviates right	
5.73	LR	Line deviates right	
9.08	LL	Line deviates left	
9.41	DES	Settled deposits, fine, 5% cross-sectional area loss	3
10.64	LU	Line deviates up	
11.01	OCF	Finish node, other special chamber, reference: UC27: UC27	
		UC27 **Depth: 0.32 m**	



MH - 0.00



DES - 9.41



OCF - 11.01

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	2.0	0.2	2.0	3.0

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Section Pictures - 25/06/2024 - UC27X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
96	Upstream	UC27X	96	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:00:51, 9.41 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:01:01, 11.01 m
Finish node, other special chamber, reference: UC27, UC27

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Section Inspection - 25/06/2024 - UC28X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
97	1	25/06/24	15:05	LSO0381562	No Rain Or Snow	Yes	UC28X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC28
Road:	Grimshaw Lane	**Inspected Length:**	10.74 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	10.74 m	**Downstream Node:**	FW124
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.01

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:93

Depth: 1.01 m
FW124

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW124	
2.29	LL	Line deviates left	
9.94	DER	Settled deposits, coarse, 20% cross-sectional area loss	4
10.16	LU	Line deviates up	
10.74	OCF	Finish node, other special chamber, reference: UC28: UC28	

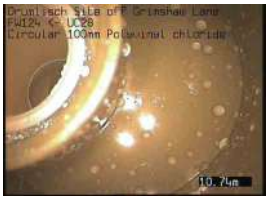
UC28
Depth: 0.35 m



MH - 0.00



DER - 9.94



OCF - 10.74

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	5.0	0.5	5.0	4.0

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Section Pictures - 25/06/2024 - UC28X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
97	Upstream	UC28X	97	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW124



2, 00:00:56, 9.94 m
Settled deposits, coarse, 20% cross-sectional area loss



3, 00:02:40, 10.74 m
Finish node, other special chamber, reference: UC28, UC28

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Section Inspection - 25/06/2024 - UC29X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
98	1	25/06/24	15:16	LSO0381562	No Rain Or Snow	Yes	UC29X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

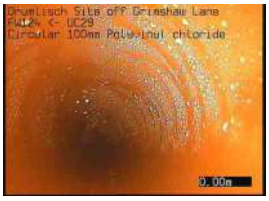
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC29
Road:	Grimshaw Lane	**Inspected Length:**	9.28 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	9.28 m	**Downstream Node:**	FW124
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

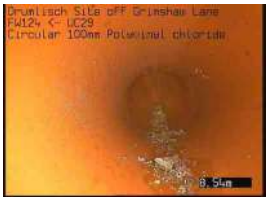
Comments:
Recommendations:

Scale: 1:81

Position [m]	Code	Observation	Grade
		Depth: 0.73 m **FW124**	
0.00	MH	Start node, manhole, reference: FW124	
0.00	WL	Water level, 5% of the vertical dimension	
5.81	LL	Line deviates left	
8.50	DES	Settled deposits, fine, 5% cross-sectional area loss	3
9.26	LU	Line deviates up	
9.28	OCF	Finish node, other special chamber, reference: UC29: UC29	
		UC29 **Depth: m**	



MH - 0.00



DES - 8.50



OCF - 9.28

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	2.0	0.2	2.0	3.0

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Section Pictures - 25/06/2024 - UC29X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
98	Upstream	UC29X	98	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW124



2, 00:00:47, 8.50 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:00:56, 9.28 m
Finish node, other special chamber, reference: UC29, UC29

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Section Inspection - 25/06/2024 - UC30X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
99	1	25/06/24	15:22	LSO0381562	No Rain Or Snow	Yes	UC30X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC30
Road:	Grimshaw Lane	**Inspected Length:**	12.94 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	12.94 m	**Downstream Node:**	FW125
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:113

Depth: 0.73 m
FW125

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW125	
0.00	WL	Water level, 5% of the vertical dimension	
9.70	LU	Line deviates up	
10.27	JN	Junction at 03 o'clock, 100mm dia	
12.94	OCF	Finish node, other special chamber, reference: UC30: UC30	

UC30
Depth: 0.30 m



MH - 0.00



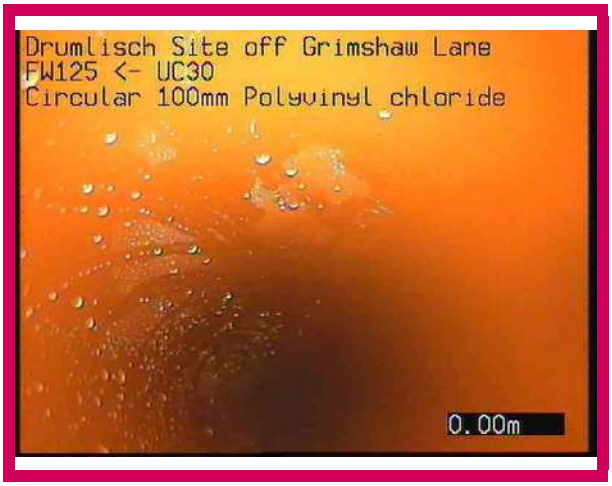
OCF - 12.94

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

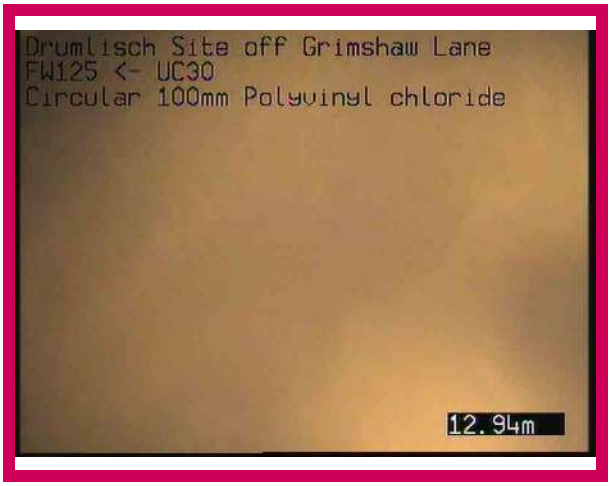
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Section Pictures - 25/06/2024 - UC30X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
99	Upstream	UC30X	99	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW125



2, 00:01:24, 12.94 m
Finish node, other special chamber, reference: UC30, UC30

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Section Inspection - 25/06/2024 - UC31X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
100	1	25/06/24	15:24	LSO0381562	No Rain Or Snow	Yes	UC31X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC31
Road:	Grimshaw Lane	**Inspected Length:**	7.78 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	7.78 m	**Downstream Node:**	FW125
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:68

Depth: 0.73 m
FW125

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW125	
0.00	WL	Water level, 5% of the vertical dimension	
3.35	LL	Line deviates left	
5.52	LU	Line deviates up	
7.78	OCF	Finish node, other special chamber, reference: UC31: UC31	

UC31
Depth: 0.35 m



MH - 0.00



OCF - 7.78

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

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Section Pictures - 25/06/2024 - UC31X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
100	Upstream	UC31X	100	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW125



2, 00:00:56, 7.78 m
Finish node, other special chamber, reference: UC31, UC31

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Section Inspection - 25/06/2024 - FW124X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
101	1	25/06/24	15:38	LSO0381562	No Rain Or Snow	Yes	FW124X

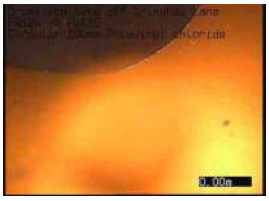
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW124
Road:	Grimshaw Lane	**Inspected Length:**	0.55 m	**Upstream Pipe Depth:**	0.73
Post Code:	M40 2BA	**Total Length:**	0.55 m	**Downstream Node:**	FW125
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 0.73 m FW124				
	0.00	MH	Start node, manhole, reference: FW124	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.55	MHF	Finish node, manhole, reference: FW125	
FW125 Depth: 0.73 m				


MH - 0.00


MHF - 0.55

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

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Section Pictures - 25/06/2024 - FW124X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
101	Downstream	FW124X	101	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW124



2, 00:00:53, 0.55 m
Finish node, manhole, reference: FW125

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Section Inspection - 25/06/2024 - FW125X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
102	1	25/06/24	15:39	LSO0381562	No Rain Or Snow	Yes	FW125X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

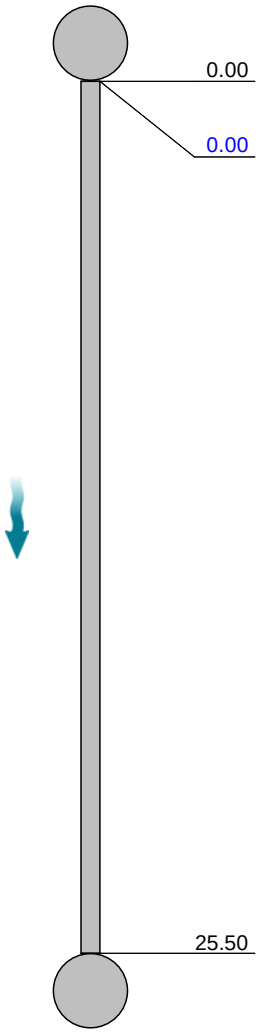
Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW125
Road:	Grimshaw Lane	**Inspected Length:**	25.50 m	**Upstream Pipe Depth:**	0.73
Post Code:	M40 2BA	**Total Length:**	25.50 m	**Downstream Node:**	FW126
Surface Type:		**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0.80

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:221 **Position [m]** **Code** **Observation** **Grade**

Depth: 0.73 m
FW125



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW125
0.00	WL	Water level, 5% of the vertical dimension
25.50	MHF	Finish node, manhole, reference: FW126



MH - 0.00



MHF - 25.50

FW126
Depth: 0.80 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

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Section Pictures - 25/06/2024 - FW125X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
102	Downstream	FW125X	102	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW125



2, 00:01:47, 25.50 m
Finish node, manhole, reference: FW126

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Section Inspection - 26/06/2024 - UC32X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
103	1	26/06/24	8:02	LSO0381562	No Rain Or Snow	Yes	UC32X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC32
Road:	Grimshaw Lane	**Inspected Length:**	6.18 m	**Upstream Pipe Depth:**	0.32
Post Code:	M40 2BA	**Total Length:**	6.18 m	**Downstream Node:**	FW126
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:54

Depth: 0.73 m
FW126

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW126	
0.00	WL	Water level, 10% of the vertical dimension	
2.81	LL	Line deviates left	
5.25	LD	Line deviates down	
5.77	LU	Line deviates up	
6.18	OCF	Finish node, other special chamber, reference: UC32: UC32 in view	

UC32
Depth: 0.32 m



MH - 0.00



OCF - 6.18

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	1.0	0	0.0	0.0	0.0	1.0

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Section Pictures - 26/06/2024 - UC32X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
103	Upstream	UC32X	103	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:00:54, 6.18 m
Finish node, other special chamber, reference: UC32, UC32 in view

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Section Inspection - 26/06/2024 - UC33X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
104	1	26/06/24	8:04	LSO0381562	No Rain Or Snow	Yes	UC33X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC33
Road:	Grimshaw Lane	**Inspected Length:**	4.92 m	**Upstream Pipe Depth:**	0.40
Post Code:	M40 2BA	**Total Length:**	4.92 m	**Downstream Node:**	FW126
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

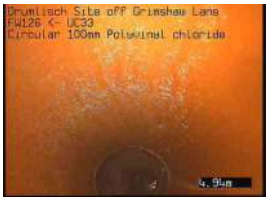
Depth: 0.73 m
FW126

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW126	
0.00	WL	Water level, 5% of the vertical dimension	
1.80	LL	Line deviates left	
4.30	LU	Line deviates up	
4.92	OCF	Finish node, other special chamber, reference: UC33: In view	

UC33
Depth: 0.40 m



MH - 0.00



OCF - 4.92

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

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Section Pictures - 26/06/2024 - UC33X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
104	Upstream	UC33X	104	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:00:33, 4.92 m
Finish node, other special chamber, reference: UC33, In view

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Section Inspection - 26/06/2024 - FW120X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
105	1	26/06/24	8:09	LSO0381562	No Rain Or Snow	Yes	FW120X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW120
Road:	Grimshaw Lane	**Inspected Length:**	29.59 m	**Upstream Pipe Depth:**	0.69
Post Code:	M40 2BA	**Total Length:**	29.59 m	**Downstream Node:**	FW126
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.73

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:257

Position [m]	Code	Observation	Grade
		Depth: 0.73 m	
		FW126	
0.00	MH	Start node, manhole, reference: FW126	
0.00	WL	Water level, 5% of the vertical dimension	
14.50	JN	Junction at 10 o'clock, 100mm dia	
28.01	LR	Line deviates right	
29.35	LR	Line deviates right	
29.59	MHF	Finish node, manhole, reference: FW120	
		FW120	
		Depth: 0.69 m	



MH - 0.00



MHF - 29.59

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

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Section Pictures - 26/06/2024 - FW120X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
105	Upstream	FW120X	105	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:02:02, 29.59 m
Finish node, manhole, reference: FW120

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Section Inspection - 26/06/2024 - FW126X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
106	1	26/06/24	8:16	LSO0381562	No Rain Or Snow	Yes	FW126X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW126
Road:	Grimshaw Lane	**Inspected Length:**	20.45 m	**Upstream Pipe Depth:**	0.73
Post Code:	M40 2BA	**Total Length:**	20.45 m	**Downstream Node:**	FW116B
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.98

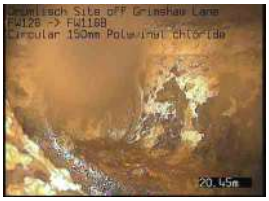
Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:178	Position [m]	Code	Observation	Grade
Depth: 0.73 m FW126				
	0.00	MH	Start node, manhole, reference: FW126	
	0.00	WL	Water level, 5% of the vertical dimension	
	13.46	JN	Junction at 10 o'clock, 100mm dia	
	18.39	REM	General remark: Flushing line	
	20.45	MHF	Finish node, manhole, reference: FW116B	
FW116B Depth: 1.98 m				



MH - 0.00



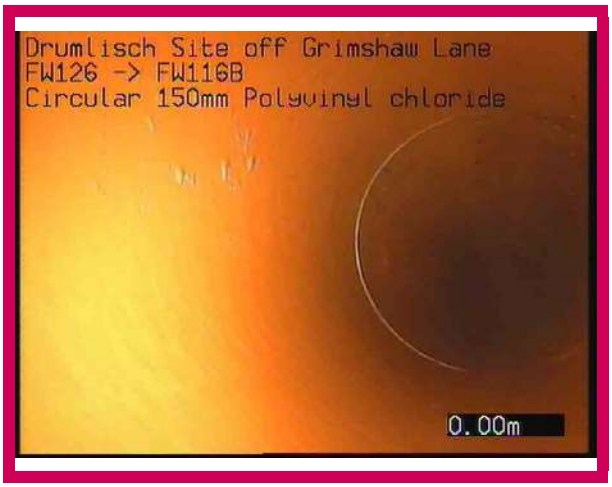
MHF - 20.45

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	2.0	0.2	4.0	3.0

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Section Pictures - 26/06/2024 - FW126X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
106	Downstream	FW126X	106	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:03:19, 20.45 m
Finish node, manhole, reference: FW116B

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Section Inspection - 26/06/2024 - UC34X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
107	1	26/06/24	8:55	LSO0381562	No Rain Or Snow	Yes	UC34X

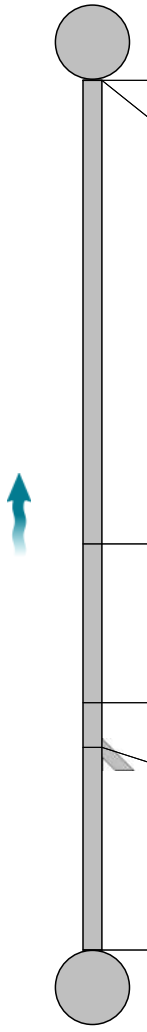
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC34
Road:	Grimshaw Lane	**Inspected Length:**	12.08 m	**Upstream Pipe Depth:**	0.32
Post Code:	M40 2BA	**Total Length:**	12.08 m	**Downstream Node:**	FW127
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

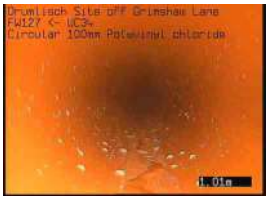
Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:105



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW127	
0.00	WL	Water level, 5% of the vertical dimension	
6.44	LR	Line deviates right	
8.65	LU	Line deviates up	
9.27	JN	Junction at 10 o'clock, 100mm dia	
12.08	OCF	Finish node, other special chamber, reference: UC34: UC34	



MH - 0.00



OCF - 12.08

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	1.0	0	0.0	0.0	0.0	1.0

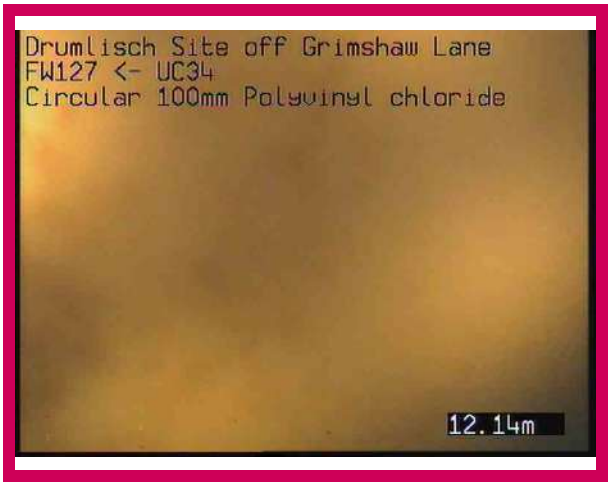
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Section Pictures - 26/06/2024 - UC34X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
107	Upstream	UC34X	107	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW127



2, 00:00:52, 12.08 m
Finish node, other special chamber, reference: UC34, UC34

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Section Inspection - 26/06/2024 - UC35X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
108	1	26/06/24	8:58	LSO0381562	No Rain Or Snow	Yes	UC35X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

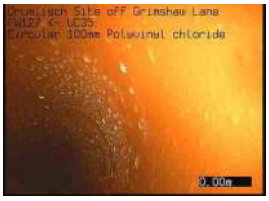
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC35
Road:	Grimshaw Lane	**Inspected Length:**	5.50 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	5.50 m	**Downstream Node:**	FW127
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: 0.89 m **FW127**	
0.00	MH	Start node, manhole, reference: FW127	
0.00	WL	Water level, 5% of the vertical dimension	
2.71	LR	Line deviates right	
5.04	LU	Line deviates up	
5.50	OCF	Finish node, other special chamber, reference: UC35: UC35	
		UC35 **Depth: 0.35 m**	



MH - 0.00



OCF - 5.50

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

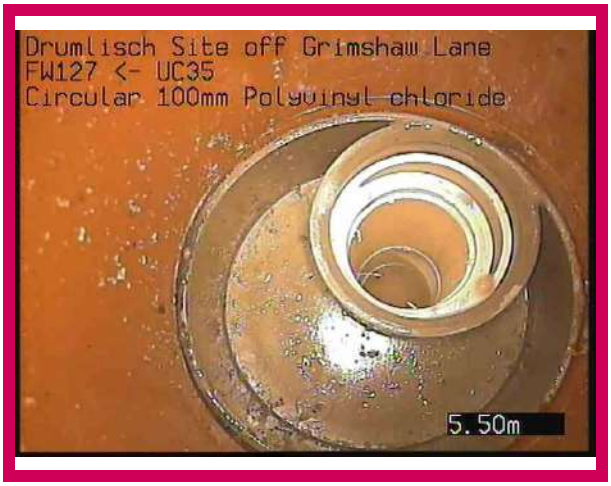
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Section Pictures - 26/06/2024 - UC35X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
108	Upstream	UC35X	108	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW127



2, 00:00:34, 5.50 m
Finish node, other special chamber, reference: UC35, UC35

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Section Inspection - 26/06/2024 - FW127X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
109	1	26/06/24	9:03	LSO0381562	No Rain Or Snow	Yes	FW127X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW127
Road:	Grimshaw Lane	**Inspected Length:**	13.01 m	**Upstream Pipe Depth:**	0.89
Post Code:	M40 2BA	**Total Length:**	13.01 m	**Downstream Node:**	MAIN
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:113 **Position [m]** **Code** **Observation** **Grade**

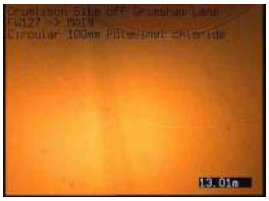
Depth: 0.89 m
FW127



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW127
0.00	WL	Water level, 5% of the vertical dimension
13.01	LD	Line deviates down
13.01	BRF	Finish node, major connection without manhole, reference: MAIN



MH - 0.00



BRF - 13.01

MAIN
Depth: 0.89 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

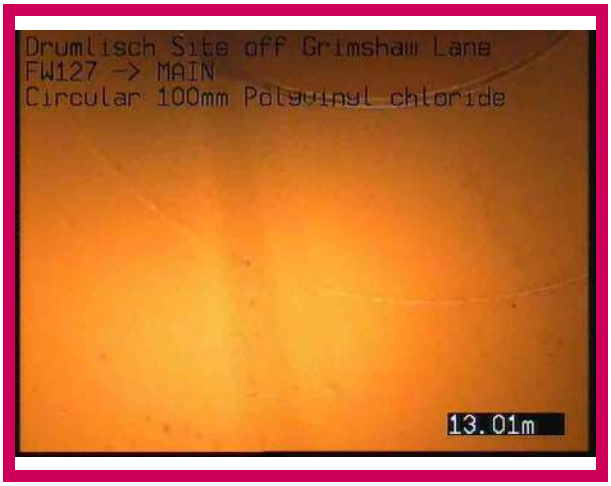
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Section Pictures - 26/06/2024 - FW127X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
109	Downstream	FW127X	109	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW127



2, 00:01:13, 13.01 m
Finish node, major connection without manhole, reference: MAIN

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Section Inspection - 26/06/2024 - UC36X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
110	1	26/06/24	11:03	LSO0381562	No Rain Or Snow	Yes	UC36X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC36
Road:	Grimshaw Lane	**Inspected Length:**	10.44 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	10.44 m	**Downstream Node:**	FW117
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.74

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:91

Position [m]	Code	Observation	Grade
		Depth: 0.74 m **FW117**	
0.00	MH	Start node, manhole, reference: FW117	
0.00	WL	Water level, 5% of the vertical dimension	
8.96	LL	Line deviates left	
10.44	OCF	Finish node, other special chamber, reference: UC36: Capped	
		UC36 **Depth: 0.35 m**	



MH - 0.00



OCF - 10.44

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

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Section Pictures - 26/06/2024 - UC36X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
110	Upstream	UC36X	110	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW117



2, 00:00:50, 10.44 m
Finish node, other special chamber, reference: UC36, Capped

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Section Inspection - 26/06/2024 - UC37X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
111	1	26/06/24	11:06	LSO0381562	No Rain Or Snow	Yes	UC37X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC37
Road:	Grimshaw Lane	**Inspected Length:**	10.41 m	**Upstream Pipe Depth:**	0.38
Post Code:	M40 2BA	**Total Length:**	10.41 m	**Downstream Node:**	FW117
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:91

Depth: 0.89 m
FW117

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW117	
0.00	WL	Water level, 5% of the vertical dimension	
4.57	LR	Line deviates right	
9.96	LU	Line deviates up	
10.41	OCF	Finish node, other special chamber, reference: UC37: UC37	

UC37
Depth: 0.38 m



MH - 0.00



OCF - 10.41

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

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Section Pictures - 26/06/2024 - UC37X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
111	Upstream	UC37X	111	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW117



2, 00:00:42, 10.41 m
Finish node, other special chamber, reference: UC37, UC37

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Section Inspection - 26/06/2024 - UC38X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
112	1	26/06/24	11:08	LSO0381562	No Rain Or Snow	Yes	UC38X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC38
Road:	Grimshaw Lane	**Inspected Length:**	9.24 m	**Upstream Pipe Depth:**	0.31
Post Code:	M40 2BA	**Total Length:**	9.24 m	**Downstream Node:**	FW117
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:80

Depth: 0.89 m
FW117

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW117	
0.00	WL	Water level, 5% of the vertical dimension	
8.61	DES	Settled deposits, fine, 5% cross-sectional area loss	3
8.83	LU	Line deviates up	
9.24	OCF	Finish node, other special chamber, reference: UC38: UC38	

UC38
Depth: 0.31 m



MH - 0.00



OCF - 9.24

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	2.0	0.2	2.0	3.0

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Section Pictures - 26/06/2024 - UC38X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
112	Upstream	UC38X	112	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW117



2, 00:00:42, 9.24 m
Finish node, other special chamber, reference: UC38, UC38

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Section Inspection - 26/06/2024 - FW117X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
113	1	26/06/24	11:12	LSO0381562	No Rain Or Snow	Yes	FW117X

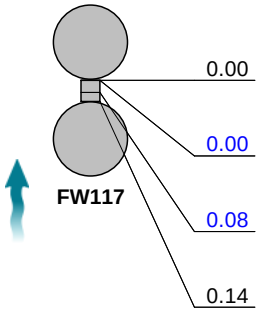
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW117
Road:	Grimshaw Lane	**Inspected Length:**	0.14 m	**Upstream Pipe Depth:**	0.89
Post Code:	M40 2BA	**Total Length:**	0.14 m	**Downstream Node:**	FW118
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW118	
0.00	WL	Water level, 5% of the vertical dimension	
0.08	REM	General remark: Screw in line manhole	
0.14	MHF	Finish node, manhole, reference: FW117	


MH - 0.00


MHF - 0.14

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

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Section Pictures - 26/06/2024 - FW117X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
113	Upstream	FW117X	113	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:00:17, 0.14 m
Finish node, manhole, reference: FW117

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Section Inspection - 26/06/2024 - UC39X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
114	1	26/06/24	11:19	LSO0381562	No Rain Or Snow	Yes	UC39X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC39
Road:	Grimshaw Lane	**Inspected Length:**	13.08 m	**Upstream Pipe Depth:**	0.37
Post Code:	M40 2BA	**Total Length:**	13.08 m	**Downstream Node:**	FW118
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:114 **Position [m]** **Code** **Observation** **Grade**

Depth: 0.90 m
FW118



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW118
0.00	WL	Water level, 5% of the vertical dimension
9.84	LU	Line deviates up
10.27	JN	Junction at 10 o'clock, 100mm dia
13.08	LU	Line deviates up
13.08	OCF	Finish node, other special chamber, reference: UC39: UC39



MH - 0.00



OCF - 13.08

UC39
Depth: 0.37 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

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Section Pictures - 26/06/2024 - UC39X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
114	Upstream	UC39X	114	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:01:39, 13.08 m
Finish node, other special chamber, reference: UC39, UC39

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Section Inspection - 26/06/2024 - UC40X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
115	1	26/06/24	11:22	LSO0381562	No Rain Or Snow	Yes	UC40X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

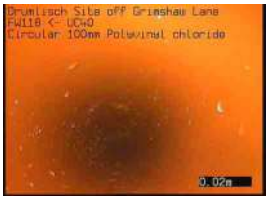
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC40
Road:	Grimshaw Lane	**Inspected Length:**	5.44 m	**Upstream Pipe Depth:**	0.25
Post Code:	M40 2BA	**Total Length:**	5.44 m	**Downstream Node:**	FW118
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

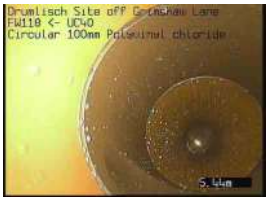
Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: 0.90 m **FW118**	
0.00	MH	Start node, manhole, reference: FW118	
0.00	WL	Water level, 5% of the vertical dimension	
5.01	LU	Line deviates up	
5.44	OCF	Finish node, other special chamber, reference: UC40: UC40	
		UC40 **Depth: 0.25 m**	



MH - 0.00



OCF - 5.44

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

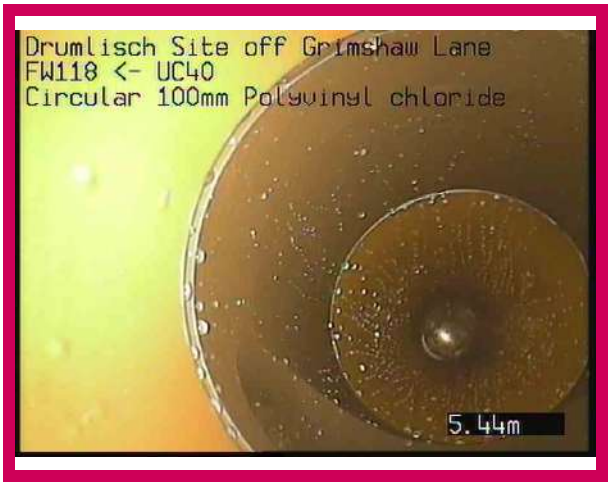
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Section Pictures - 26/06/2024 - UC40X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
115	Upstream	UC40X	115	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:00:43, 5.44 m
Finish node, other special chamber, reference: UC40, UC40

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Section Inspection - 26/06/2024 - FW118X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
116	1	26/06/24	11:39	LSO0381562	No Rain Or Snow	Yes	FW118X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW118
Road:	Grimshaw Lane	**Inspected Length:**	41.88 m	**Upstream Pipe Depth:**	0.90
Post Code:	M40 2BA	**Total Length:**	41.88 m	**Downstream Node:**	FW119
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.02

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:363

Position [m]	Code	Observation	Grade
		Depth: 0.90 m	
		FW118	
0.00	MH	Start node, manhole, reference: FW118	
0.00	WL	Water level, 5% of the vertical dimension	
39.98	WL	Water level, 15% of the vertical dimension	
40.56	WL	Water level, 20% of the vertical dimension	
40.99	CUW	Loss of vision, camera under water	
41.88	MHF	Finish node, manhole, reference: FW119	
		FW119	
		Depth: 1.02 m	



MH - 0.00



WL - 39.98



MHF - 41.88

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

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Section Pictures - 26/06/2024 - FW118X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
116	Downstream	FW118X	116	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:02:51, 39.98 m
Water level, 15% of the vertical dimension



3, 00:03:04, 41.88 m
Finish node, manhole, reference: FW119

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Section Inspection - 26/06/2024 - UC41X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
117	1	26/06/24	12:05	LSO0381562	No Rain Or Snow	Yes	UC41X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

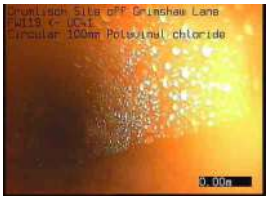
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC41
Road:	Grimshaw Lane	**Inspected Length:**	7.16 m	**Upstream Pipe Depth:**	0.35
Post Code:	M40 2BA	**Total Length:**	7.16 m	**Downstream Node:**	FW119
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.03

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:62

Position [m]	Code	Observation	Grade
		Depth: 1.03 m **FW119**	
0.00	MH	Start node, manhole, reference: FW119	
0.00	WL	Water level, 5% of the vertical dimension	
5.59	LU	Line deviates up	
7.16	OCF	Finish node, other special chamber, reference: UC41: UC41	
		UC41 **Depth: 0.35 m**	



MH - 0.00



OCF - 7.16

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

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Section Pictures - 26/06/2024 - UC41X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
117	Upstream	UC41X	117	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW119



2, 00:00:41, 7.16 m
Finish node, other special chamber, reference: UC41, UC41

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Section Inspection - 26/06/2024 - UC42X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
118	1	26/06/24	12:10	LSO0381562	No Rain Or Snow	Yes	UC42X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC42
Road:	Grimshaw Lane	**Inspected Length:**	13.14 m	**Upstream Pipe Depth:**	0.37
Post Code:	M40 2BA	**Total Length:**	13.14 m	**Downstream Node:**	FW119
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.91

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:114	Position [m]	Code	Observation	Grade
Depth: 0.91 m				
FW119				
	0.00	MH	Start node, manhole, reference: FW119	
	0.00	WL	Water level, 5% of the vertical dimension	
	9.46	LU	Line deviates up	
	10.43	JN	Junction at 02 o'clock, 100mm dia	
	12.98	LR	Line deviates right	
	12.98	LU	Line deviates up	
UC42	13.14	OCF	Finish node, other special chamber, reference: UC42: UC42	
Depth: 0.37 m				



MH - 0.00



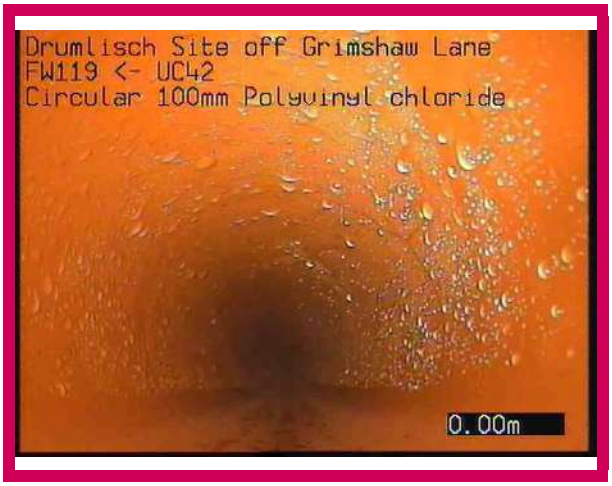
OCF - 13.14

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

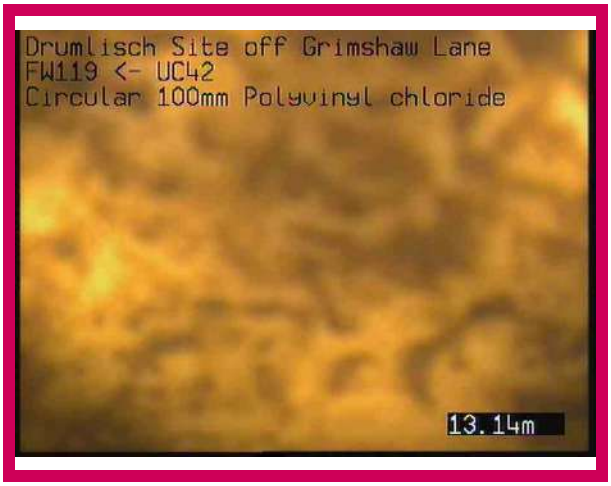
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Section Pictures - 26/06/2024 - UC42X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
118	Upstream	UC42X	118	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW119



2, 00:01:22, 13.14 m
Finish node, other special chamber, reference: UC42, UC42

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Section Inspection - 26/06/2024 - UC43X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
119	1	26/06/24	12:13	LSO0381562	No Rain Or Snow	Yes	UC43X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC43
Road:	Grimshaw Lane	**Inspected Length:**	10.14 m	**Upstream Pipe Depth:**	0.38
Post Code:	M40 2BA	**Total Length:**	10.14 m	**Downstream Node:**	FW120
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Vitrified clay
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:88

Depth: 0.90 m
FW120

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW120	
0.00	WL	Water level, 5% of the vertical dimension	
9.77	LU	Line deviates up	
10.14	OCF	Finish node, other special chamber, reference: UC43: UC43	

UC43
Depth: 0.38 m



MH - 0.00



OCF - 10.14

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

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Section Pictures - 26/06/2024 - UC43X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
119	Upstream	UC43X	119	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW120



2, 00:00:37, 10.14 m
Finish node, other special chamber, reference: UC43, UC43

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Section Inspection - 26/06/2024 - UC44X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
120	1	26/06/24	12:15	LSO0381562	No Rain Or Snow	Yes	UC44X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC44
Road:	Grimshaw Lane	**Inspected Length:**	11.07 m	**Upstream Pipe Depth:**	0.38
Post Code:	M40 2BA	**Total Length:**	11.07 m	**Downstream Node:**	FW120
Surface Type:		**Joint Length:**	1.00 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:96

Position [m]	Code	Observation	Grade
		Depth: 0.90 m **FW120**	
0.00	MH	Start node, manhole, reference: FW120	
0.00	WL	Water level, 5% of the vertical dimension	
2.83	LL	Line deviates left	
10.18	LR	Line deviates right	
10.86	LU	Line deviates up	
11.07	OCF	Finish node, other special chamber, reference: UC44: UC44	
		UC44 **Depth: 0.38 m**	



MH - 0.00



OCF - 11.07

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

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Section Pictures - 26/06/2024 - UC44X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
120	Upstream	UC44X	120	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW120



2, 00:00:44, 11.07 m
Finish node, other special chamber, reference: UC44, UC44

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Section Inspection - 26/06/2024 - FW119X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
121	1	26/06/24	12:25	LSO0381562	No Rain Or Snow	Yes	FW119X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW119
Road:	Grimshaw Lane	**Inspected Length:**	0.19 m	**Upstream Pipe Depth:**	0.32
Post Code:	M40 2BA	**Total Length:**	0.19 m	**Downstream Node:**	FW120
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: 0.32 m FW119				
	0.00	MH	Start node, manhole, reference: FW119	
	0.00	WL	Water level, 5% of the vertical dimension	
FW120	0.19	MHF	Finish node, manhole, reference: FW120	
Depth: 0.90 m				



MH - 0.00



MHF - 0.19

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

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Section Pictures - 26/06/2024 - FW119X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
121	Downstream	FW119X	121	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW119



2, 00:00:36, 0.19 m
Finish node, manhole, reference: FW120

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Section Inspection - 26/06/2024 - UC45X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
122	1	26/06/24	13:58	LSO0381562	No Rain Or Snow	Yes	UC45X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC45
Road:	Grimshaw Lane	**Inspected Length:**	9.38 m	**Upstream Pipe Depth:**	0.89
Post Code:	M40 2BA	**Total Length:**	9.38 m	**Downstream Node:**	FW108
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.91

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:82

Position [m]	Code	Observation	Grade
		Depth: 0.91 m **FW108**	
0.00	MH	Start node, manhole, reference: FW108	
0.00	WL	Water level, 5% of the vertical dimension	
3.58	LL	Line deviates left	
8.89	LL	Line deviates left	
8.89	LU	Line deviates up	
9.38	OCF	Finish node, other special chamber, reference: UC45: UC45	
		UC45 **Depth: 0.89 m**	



MH - 0.00



OCF - 9.38

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

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Section Pictures - 26/06/2024 - UC45X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
122	Upstream	UC45X	122	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW108



2, 00:00:42, 9.38 m
Finish node, other special chamber, reference: UC45, UC45

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Section Inspection - 26/06/2024 - UC46X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
123	1	26/06/24	13:59	LSO0381562	No Rain Or Snow	Yes	UC46X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC46
Road:	Grimshaw Lane	**Inspected Length:**	11.26 m	**Upstream Pipe Depth:**	0.37
Post Code:	M40 2BA	**Total Length:**	11.26 m	**Downstream Node:**	FW108
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.91

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

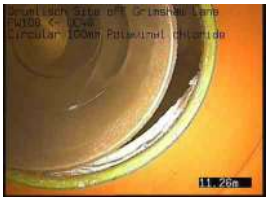
Comments:
Recommendations:

Scale: 1:98

Position [m]	Code	Observation	Grade
		Depth: 0.91 m **FW108**	
0.00	MH	Start node, manhole, reference: FW108	
0.00	WL	Water level, 5% of the vertical dimension	
4.16	LR	Line deviates right	
10.15	LR	Line deviates right	
10.89	LU	Line deviates up	
11.26	OCF	Finish node, other special chamber, reference: UC46: UC46	
		UC46 **Depth: 0.37 m**	



MH - 0.00



OCF - 11.26

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

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Section Pictures - 26/06/2024 - UC46X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
123	Upstream	UC46X	123	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW108



2, 00:00:54, 11.26 m
Finish node, other special chamber, reference: UC46, UC46

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Section Inspection - 26/06/2024 - UC47X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
124	1	26/06/24	13:55	LSO0381562	No Rain Or Snow	Yes	UC47X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC47
Road:	Grimshaw Lane	**Inspected Length:**	11.20 m	**Upstream Pipe Depth:**	0.25
Post Code:	M40 2BA	**Total Length:**	11.20 m	**Downstream Node:**	FW108
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.90

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:97

Depth: 0.90 m
FW108

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW108	
0.00	WL	Water level, 5% of the vertical dimension	
3.73	LL	Line deviates left	
10.13	LU	Line deviates up	
10.91	JN	Junction at 10 o'clock, 100mm dia	
11.20	OCF	Finish node, other special chamber, reference: UC47: In View	

UC47
Depth: 0.25 m



MH - 0.00



OCF - 11.20

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

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Section Pictures - 26/06/2024 - UC47X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
124	Upstream	UC47X	124	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW108



2, 00:01:08, 11.20 m
Finish node, other special chamber, reference: UC47, In View

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Section Inspection - 26/06/2024 - FW108X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
125	1	26/06/24	14:14	LSO0381562	No Rain Or Snow	Yes	FW108X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

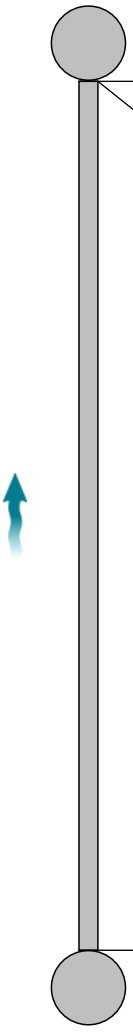
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW108
Road:	Grimshaw Lane	**Inspected Length:**	11.73 m	**Upstream Pipe Depth:**	0.90
Post Code:	M40 2BA	**Total Length:**	11.73 m	**Downstream Node:**	FW109
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.10

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:102 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.10 m
FW109



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW109
0.00	WL	Water level, 5% of the vertical dimension
11.73	MHF	Finish node, manhole, reference: FW108



MH - 0.00



MHF - 11.73

FW108
Depth: 0.90 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

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Section Pictures - 26/06/2024 - FW108X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
125	Upstream	FW108X	125	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW109



2, 00:00:53, 11.73 m
Finish node, manhole, reference: FW108

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Section Inspection - 26/06/2024 - UC48X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
126	1	26/06/24	14:28	LSO0381562	No Rain Or Snow	Yes	UC48X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC48
Road:	Grimshaw Lane	**Inspected Length:**	9.06 m	**Upstream Pipe Depth:**	0.28
Post Code:	M40 2BA	**Total Length:**	9.06 m	**Downstream Node:**	FW109
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.91

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:79

Depth: 0.91 m
FW109

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW109	
0.00	WL	Water level, 5% of the vertical dimension	
8.28	DES	Settled deposits, fine, 20% cross-sectional area loss	4
9.06	MHF	Finish node, manhole, reference: UC48	

UC48
Depth: 0.28 m


MH - 0.00


DES - 8.28


MHF - 9.06

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	5.0	0.6	5.0	4.0

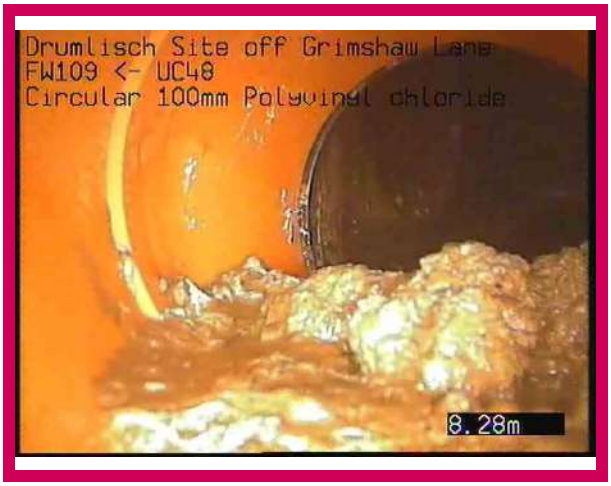
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Section Pictures - 26/06/2024 - UC48X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
126	Upstream	UC48X	126	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW109



2, 00:00:20, 8.28 m
Settled deposits, fine, 20% cross-sectional area loss



3, 00:00:26, 9.06 m
Finish node, manhole, reference: UC48

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Section Inspection - 26/06/2024 - FW109X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
127	1	26/06/24	14:30	LSO0381562	No Rain Or Snow	Yes	FW109X

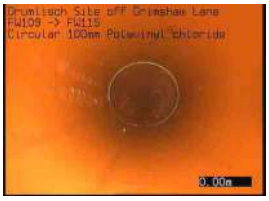
Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW109
Road:	Grimshaw Lane	**Inspected Length:**	26.97 m	**Upstream Pipe Depth:**	0.91
Post Code:	M40 2BA	**Total Length:**	26.97 m	**Downstream Node:**	FW115
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:234	Position [m]	Code	Observation	Grade
Depth: 0.91 m				
FW109				
	0.00	MH	Start node, manhole, reference: FW109	
	0.00	WL	Water level, 5% of the vertical dimension	
	26.97	MHF	Finish node, manhole, reference: FW115: Main	
FW115				
Depth: 1.89 m				



MH - 0.00



MHF - 26.97

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

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Section Pictures - 26/06/2024 - FW109X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
127	Downstream	FW109X	127	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW109



2, 00:01:38, 26.97 m
Finish node, manhole, reference: FW115, Main

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Section Inspection - 26/06/2024 - FW107X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
128	1	26/06/24	15:22	LSO0381562	No Rain Or Snow	Yes	FW107X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

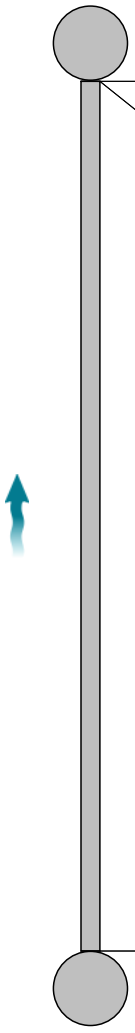
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW107
Road:	Grimshaw Lane	**Inspected Length:**	21.62 m	**Upstream Pipe Depth:**	1.73
Post Code:	M40 2BA	**Total Length:**	21.62 m	**Downstream Node:**	FW15
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.75

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:188 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.75 m
FW15



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW15
0.00	WL	Water level, 5% of the vertical dimension
21.62	MHF	Finish node, manhole, reference: FW107



MH - 0.00



MHF - 21.62

FW107
Depth: 1.73 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

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Section Pictures - 26/06/2024 - FW107X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
128	Upstream	FW107X	128	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW15



2, 00:02:33, 21.62 m
Finish node, manhole, reference: FW107

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Section Inspection - 26/06/2024 - FW106X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
129	1	26/06/24	15:26	LSO0381562	No Rain Or Snow	Yes	FW106X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

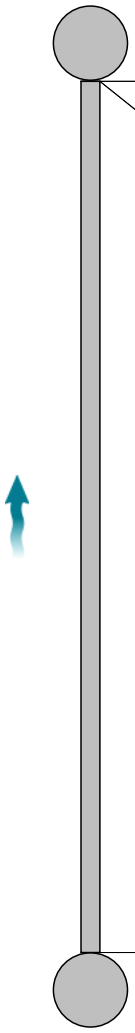
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW106
Road:	Grimshaw Lane	**Inspected Length:**	41.94 m	**Upstream Pipe Depth:**	1.65
Post Code:	M40 2BA	**Total Length:**	41.94 m	**Downstream Node:**	FW107
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.71

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:364 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.71 m
FW107



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW107
0.00	WL	Water level, 5% of the vertical dimension
41.94	MHF	Finish node, manhole, reference: FW106



MH - 0.00



MHF - 41.94

FW106
Depth: 1.65 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

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Section Pictures - 26/06/2024 - FW106X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
129	Upstream	FW106X	129	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW107



2, 00:04:09, 41.94 m
Finish node, manhole, reference: FW106

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Section Inspection - 26/06/2024 - FW105X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
130	1	26/06/24	15:32	LSO0381562	No Rain Or Snow	Yes	FW105X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW105
Road:	Grimshaw Lane	**Inspected Length:**	43.15 m	**Upstream Pipe Depth:**	1.61
Post Code:	M40 2BA	**Total Length:**	43.15 m	**Downstream Node:**	FW106
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.65

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:374

Depth: 1.65 m
FW106

Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW106	
0.00	REM	General remark: Reverse survey	
15.17	JN	Junction at 10 o'clock, 100mm dia	
25.30	DER	Settled deposits, coarse, 80% cross-sectional area loss	5
43.15	MHF	Finish node, manhole, reference: FW105: Rubble removed at MH	



MH - 0.00



DER - 25.30

FW105
Depth: 1.61 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	10.0	0.2	10.0	5.0

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Section Pictures - 26/06/2024 - FW105X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
130	Upstream	FW105X	130	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW106



2, 00:02:32, 25.30 m
Settled deposits, coarse, 80% cross-sectional area loss

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Section Inspection - 27/06/2024 - FW116AX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
131	1	27/06/24	8:31	LSO0381562	No Rain Or Snow	Yes	FW116AX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

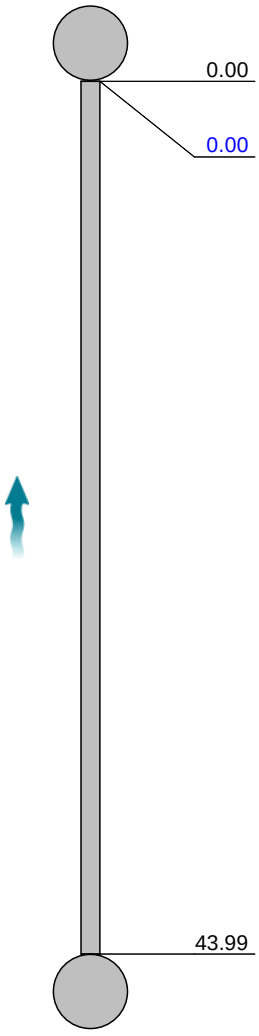
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW116A
Road:	Grimshaw Lane	**Inspected Length:**	43.99 m	**Upstream Pipe Depth:**	1.78
Post Code:	M40 2BA	**Total Length:**	43.99 m	**Downstream Node:**	FW116B
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.81

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:381 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.81 m
FW116B



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW116B
0.00	WL	Water level, 5% of the vertical dimension
43.99	MHF	Finish node, manhole, reference: FW116A



MH - 0.00



MHF - 43.99

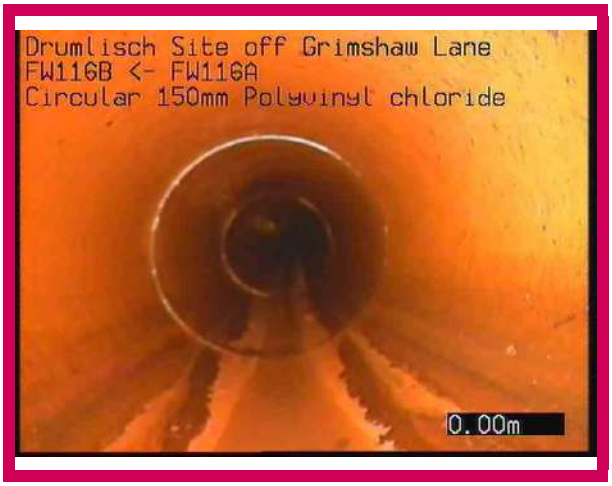
FW116A
Depth: 1.78 m

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

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Section Pictures - 27/06/2024 - FW116AX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
131	Upstream	FW116AX	131	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116B



2, 00:04:56, 43.99 m
Finish node, manhole, reference: FW116A

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Section Inspection - 27/06/2024 - FW116X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
132	1	27/06/24	8:38	LSO0381562	No Rain Or Snow	Yes	FW116X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

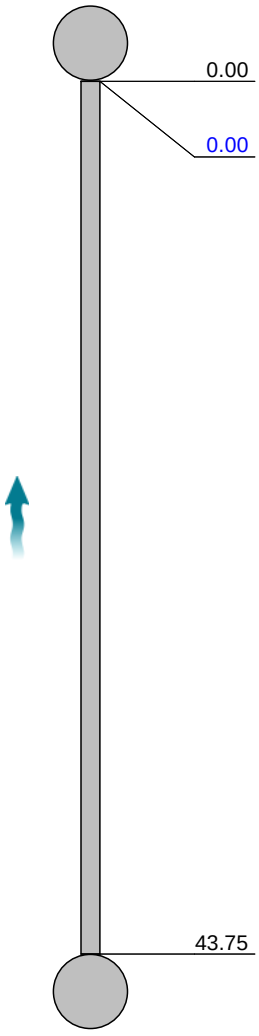
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW116
Road:	Grimshaw Lane	**Inspected Length:**	43.75 m	**Upstream Pipe Depth:**	1.77
Post Code:	M40 2BA	**Total Length:**	43.75 m	**Downstream Node:**	FW116A
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:379 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.89 m
FW116A



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW116A
0.00	WL	Water level, 5% of the vertical dimension
43.75	MHF	Finish node, manhole, reference: FW116



MH - 0.00



MHF - 43.75

FW116
Depth: 1.77 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

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Section Pictures - 27/06/2024 - FW116X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
132	Upstream	FW116X	132	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116A



2, 00:04:40, 43.75 m
Finish node, manhole, reference: FW116

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Section Inspection - 27/06/2024 - FW115X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
133	1	27/06/24	8:49	LSO0381562	No Rain Or Snow	Yes	FW115X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW115
Road:	Grimshaw Lane	**Inspected Length:**	44.80 m	**Upstream Pipe Depth:**	1.66
Post Code:	M40 2BA	**Total Length:**	44.80 m	**Downstream Node:**	FW116
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:388

Position [m]	Code	Observation	Grade
		Depth: 1.89 m **FW116**	
0.00	MH	Start node, manhole, reference: FW116	
0.00	WL	Water level, 5% of the vertical dimension	
32.30	DES	Settled deposits, fine, 5% cross-sectional area loss	3
44.80	MHF	Finish node, manhole, reference: FW115	
		FW115 **Depth: 1.66 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	2.0	0.0	2.0	3.0

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Section Inspection - 27/06/2024 - FW116BX

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
134	1	27/06/24	9:36	LSO0381562	No Rain Or Snow	Yes	FW116BX

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Downstream	**Upstream Node:**	FW116B
Road:	Grimshaw Lane	**Inspected Length:**	12.17 m	**Upstream Pipe Depth:**	1.89
Post Code:	M40 2BA	**Total Length:**	12.17 m	**Downstream Node:**	FW116C
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	2.15

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:106 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.89 m
FW116B



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW116B
0.00	WL	Water level, 5% of the vertical dimension
12.16	JN	Junction at 6 o'clock, 150mm dia: Back drop
12.17	MHF	Finish node, manhole, reference: FW116C: In View



MH - 0.00



MHF - 12.17

FW116C
Depth: 2.15 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

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Section Pictures - 27/06/2024 - FW116BX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
134	Downstream	FW116BX	134	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116B



2, 00:01:40, 12.17 m
Finish node, manhole, reference: FW116C, In View

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Section Inspection - 27/06/2024 - FW128X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
135	1	27/06/24	11:11	LSO0381562	No Rain Or Snow	Yes	FW128X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

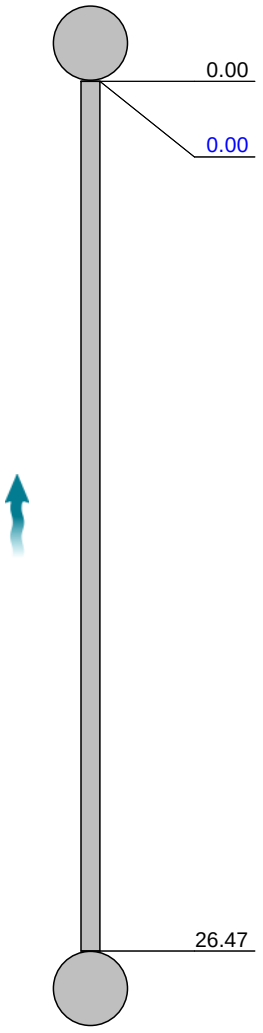
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	FW128
Road:	Grimshaw Lane	**Inspected Length:**	26.47 m	**Upstream Pipe Depth:**	1.08
Post Code:	M40 2BA	**Total Length:**	26.47 m	**Downstream Node:**	FW116A
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:230 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.89 m
FW116A



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW116A
0.00	WL	Water level, 5% of the vertical dimension
26.47	MHF	Finish node, manhole, reference: FW128



MH - 0.00



MHF - 26.47

FW128
Depth: 1.08 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

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Section Pictures - 27/06/2024 - FW128X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
135	Upstream	FW128X	135	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116A



2, 00:01:26, 26.47 m
Finish node, manhole, reference: FW128

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Section Inspection - 27/06/2024 - UC49X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
136	1	27/06/24	11:14	LSO0381562	No Rain Or Snow	Yes	UC49X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC49
Road:	Grimshaw Lane	**Inspected Length:**	10.69 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	10.69 m	**Downstream Node:**	FW128
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Pitch fibre
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:93 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.89 m
FW128



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: FW128
0.00	WL	Water level, 5% of the vertical dimension
10.22	LU	Line deviates up
10.69	GYF	Finish node, gully, reference: UC49

UC49
Depth: m



MH - 0.00



GYF - 10.69

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

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Section Pictures - 27/06/2024 - UC49X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
136	Upstream	UC49X	136	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW128



2, 00:00:52, 10.69 m
Finish node, gully, reference: UC49

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Section Inspection - 27/06/2024 - UC50X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
137	1	27/06/24	11:18	LSO0381562	No Rain Or Snow	Yes	UC50X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Push Camera	Not Specified	Private Drain	Not Specified

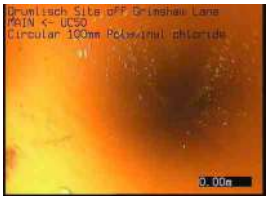
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC50
Road:	Grimshaw Lane	**Inspected Length:**	10.31 m	**Upstream Pipe Depth:**	0.30
Post Code:	M40 2BA	**Total Length:**	10.31 m	**Downstream Node:**	MAIN
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	0.89

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	100 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:90

Position [m]	Code	Observation	Grade
		Depth: 0.89 m	
		MAIN	
0.00	OC	Start node, other special chamber, reference: MAIN: Main	
0.00	WL	Water level, 5% of the vertical dimension	
9.74	OBX	Other obstacles, other object in invert at 7 o'clock, 5% cross-sectional area loss: Screw in line	5
9.98	LU	Line deviates up	
10.31	GYF	Finish node, gully, reference: UC50	
		UC50	
		Depth: 0.30 m	



OC - 0.00



GYF - 10.31

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	**STR Peak**	**STR Mean**	**STR Total**	**STR Grade**	**SER No. Def**	**SER Peak**	**SER Mean**	**SER Total**	**SER Grade**
0	0.0	0.0	0.0	1.0	1	10.0	1.0	10.0	5.0

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Section Pictures - 27/06/2024 - UC50X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
137	Upstream	UC50X	137	LSO0381562



1, 00:00:00, 0.00 m
Start node, other special chamber, reference: MAIN, Main



2, 00:00:46, 10.31 m
Finish node, gully, reference: UC50

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Section Inspection - 27/06/2024 - UC51X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
138	1	27/06/24	11:36	LSO0381562	No Rain Or Snow	Yes	UC51X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC51
Road:	Grimshaw Lane	**Inspected Length:**	12.74 m	**Upstream Pipe Depth:**	0.38
Post Code:	M40 2BA	**Total Length:**	12.74 m	**Downstream Node:**	FW116C
Surface Type:		**Joint Length:**	1.50 m	**Downstream Pipe Depth:**	1.98

Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	150 mm
Asset Owner:	Private	**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:111 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.98 m
FW116C



Position [m]	Code	Observation	Grade
0.00	MH	Start node, manhole, reference: FW116C	
0.00	WL	Water level, 5% of the vertical dimension	
3.67	DEC	Settled deposits, hard or compacted, 5% cross-sectional area loss	3
4.65	DER	Settled deposits, coarse, 10% cross-sectional area loss	3
7.71	WL	Water level, 15% of the vertical dimension	
7.87	WL	Water level, 10% of the vertical dimension	
9.34	WL	Water level, 10% of the vertical dimension	
10.46	WL	Water level, 5% of the vertical dimension	
12.74	OCF	Finish node, other special chamber, reference: UC51: Capped	

UC51
Depth: 0.38 m



MH - 0.00



DEC - 3.67



DER - 4.65


OCF - 12.74

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	2.0	0.3	4.0	3.0

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Section Pictures - 27/06/2024 - UC51X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
138	Upstream	UC51X	138	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116C



2, 00:00:41, 3.67 m
Settled deposits, hard or compacted, 5% cross-sectional area loss



3, 00:00:47, 4.65 m
Settled deposits, coarse, 10% cross-sectional area loss



4, 00:01:45, 12.74 m
Finish node, other special chamber, reference: UC51, Capped

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Section Inspection - 27/06/2024 - SW204X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
139	1	27/06/24	12:28	LSO0381562	No Rain Or Snow	Yes	SW204X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW204
Road:	Grimshaw Lane	**Inspected Length:**	57.33 m	**Upstream Pipe Depth:**	2.90
Post Code:	M40 2BA	**Total Length:**	57.33 m	**Downstream Node:**	SW103
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.95

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

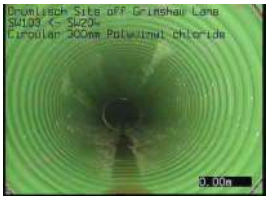
Comments:
Recommendations:

Scale: 1:497

Depth: 2.95 m
SW103

Position [m]		Code	Observation	Grade
0.00		MH	Start node, manhole, reference: SW103	
0.00		WL	Water level, 5% of the vertical dimension	
7.88		CXI	Connection defective, connecting pipe is intruding at 01 o'clock, 150mm dia, intrusion: 10%	3
35.93		CN	Connection other than junction at 01 o'clock, 100mm dia	
51.60	S01	DES	Settled deposits, fine, 5% cross-sectional area loss, start	
54.49	F01	DES	Settled deposits, fine, 5% cross-sectional area loss, finish	3
56.44		WL	Water level, 10% of the vertical dimension	
57.33		CPF	Finish node, catchpit, reference: SW204: Yet to be installed	

SW204
Depth: 2.90 m


MH - 0.00


CXI - 7.88


CPF - 57.33

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	2.0	0.1	8.0	3.0

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Section Pictures - 27/06/2024 - SW204X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
139	Upstream	SW204X	139	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW103



2, 00:00:57, 7.88 m
Connection defective, connecting pipe is intruding at 01 o'clock, 150mm dia, intrusion: 10%



3, 00:04:53, 57.33 m
Finish node, catchpit, reference: SW204, Yet to be installed

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Section Inspection - 27/06/2024 - SW106X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
140	1	27/06/24	14:44	LSO0381562	No Rain Or Snow	Yes	SW106X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW106
Road:	Grimshaw Lane	**Inspected Length:**	29.21 m	**Upstream Pipe Depth:**	2.11
Post Code:	M40 2BA	**Total Length:**	29.21 m	**Downstream Node:**	SW107
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.98

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	450 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:253

Position [m]	Code	Observation	Grade
		Depth: 2.98 m	
		SW107	
0.00	MH	Start node, manhole, reference: SW107	
0.00	WL	Water level, 5% of the vertical dimension	
13.89	CN	Connection other than junction at 1 o'clock, 150mm dia	
20.28	CN	Connection other than junction at 1 o'clock, 150mm dia	
20.28	CN	Connection other than junction at 11 o'clock, 150mm dia	
29.21	MHF	Finish node, manhole, reference: SW106	
		SW106	
		Depth: 2.11 m	



MH - 0.00



MHF - 29.21

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

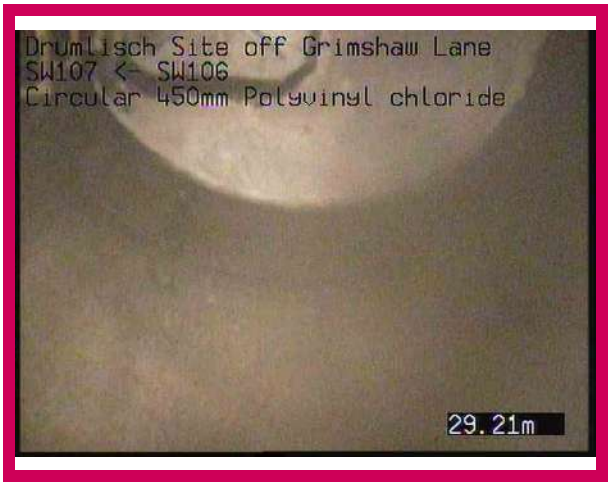
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Section Pictures - 27/06/2024 - SW106X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
140	Upstream	SW106X	140	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW107



2, 00:02:48, 29.21 m
Finish node, manhole, reference: SW106

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Section Inspection - 27/06/2024 - SW105X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
141	1	27/06/24	14:48	LSO0381562	No Rain Or Snow	Yes	SW105X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

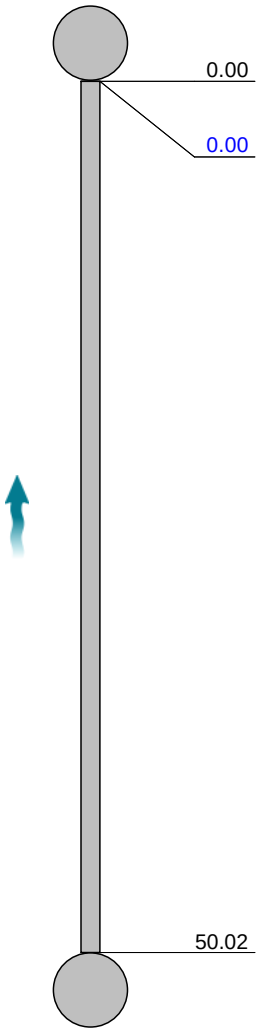
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW105
Road:	Grimshaw Lane	**Inspected Length:**	50.02 m	**Upstream Pipe Depth:**	1.28
Post Code:	M40 2BA	**Total Length:**	50.02 m	**Downstream Node:**	SW106
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.89

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	450 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:434 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.89 m
SW106



0.00 MH Start node, manhole, reference: SW106

0.00 WL Water level, 5% of the vertical dimension



MH - 0.00



MHF - 50.02

50.02 MHF Finish node, manhole, reference: SW105

SW105
Depth: 1.28 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

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Section Pictures - 27/06/2024 - SW105X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
141	Upstream	SW105X	141	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW106



2, 00:03:17, 50.02 m
Finish node, manhole, reference: SW105

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Section Inspection - 27/06/2024 - SW104X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
142	1	27/06/24	14:53	LSO0381562	No Rain Or Snow	Yes	SW104X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

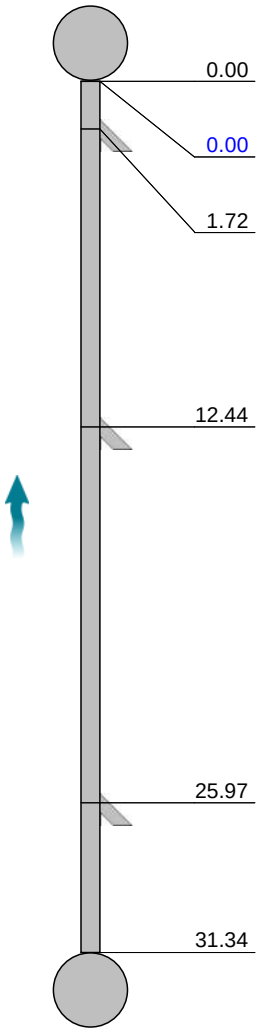
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW104
Road:	Grimshaw Lane	**Inspected Length:**	31.34 m	**Upstream Pipe Depth:**	1.01
Post Code:	M40 2BA	**Total Length:**	31.34 m	**Downstream Node:**	SW105
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	1.17

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:272 **Position [m]** **Code** **Observation** **Grade**

Depth: 1.17 m
SW105



Position [m]	Code	Observation
0.00	MH	Start node, manhole, reference: SW105
0.00	WL	Water level, 5% of the vertical dimension
1.72	CN	Connection other than junction at 10 o'clock, 150mm dia
12.44	CN	Connection other than junction at 10 o'clock, 150mm dia
25.97	CN	Connection other than junction at 10 o'clock, 150mm dia
31.34	MHF	Finish node, manhole, reference: SW104



MH - 0.00



MHF - 31.34

SW104
Depth: 1.01 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

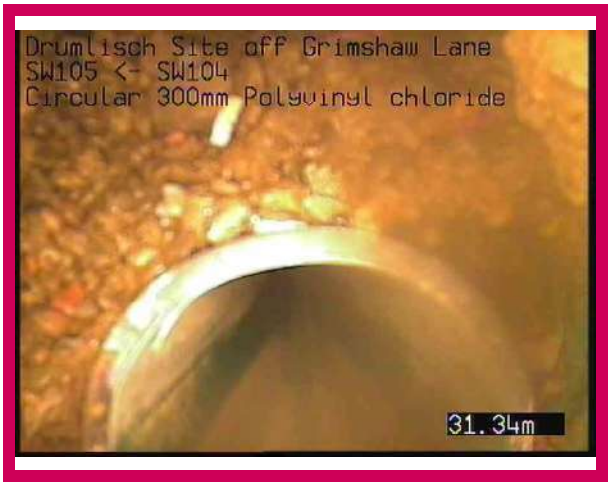
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Section Pictures - 27/06/2024 - SW104X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
142	Upstream	SW104X	142	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW105



2, 00:07:04, 31.34 m
Finish node, manhole, reference: SW104

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Section Inspection - 27/06/2024 - SW103X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
143	1	27/06/24	15:23	LSO0381562	No Rain Or Snow	Yes	SW103X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW103
Road:	Grimshaw Lane	**Inspected Length:**	42.71 m	**Upstream Pipe Depth:**	2.95
Post Code:	M40 2BA	**Total Length:**	42.71 m	**Downstream Node:**	SW107
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.97

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:370

Depth: 2.97 m
SW107

Position [m]	Code	Observation	Grade
0.00	CP	Start node, catchpit, reference: SW107	
0.00	WL	Water level, 5% of the vertical dimension	
17.64	CN	Connection other than junction at 12 o'clock, 150mm dia	
35.74	CN	Connection other than junction at 12 o'clock, 150mm dia	
42.71	CPF	Finish node, catchpit, reference: SW103	

SW103
Depth: 2.95 m



CP - 0.00



CPF - 42.71

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

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Section Pictures - 27/06/2024 - SW103X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
143	Upstream	SW103X	143	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW107



2, 00:02:39, 42.71 m
Finish node, catchpit, reference: SW103

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Section Inspection - 28/06/2024 - TANK 1X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
144	1	28/06/24	10:44	LSO0381562	Rain	Yes	TANK 1X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

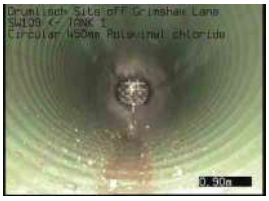
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	TANK 1
Road:	Grimshaw Lane	**Inspected Length:**	5.04 m	**Upstream Pipe Depth:**	2.30
Post Code:	M40 2BA	**Total Length:**	5.04 m	**Downstream Node:**	SW109
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.58

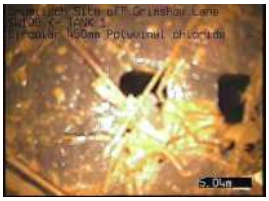
Asset Use:	Foul	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	450 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: 2.58 m	
		SW109	
0.00	CP	Start node, catchpit, reference: SW109	
0.00	WL	Water level, 5% of the vertical dimension	
5.04	OCF	Finish node, other special chamber, reference: TANK 1: Tank	
		TANK 1	
		Depth: 2.30 m	


CP - 0.00


OCF - 5.04

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

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Section Pictures - 28/06/2024 - TANK 1X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
144	Upstream	TANK 1X	144	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW109



2, 00:00:32, 5.04 m
Finish node, other special chamber, reference: TANK 1, Tank

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Section Inspection - 28/06/2024 - SW107X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
145	1	28/06/24	10:47	LSO0381562	Rain	Yes	SW107X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

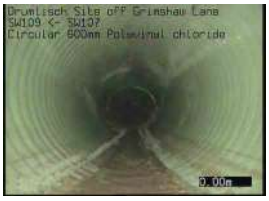
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW107
Road:	Grimshaw Lane	**Inspected Length:**	38.68 m	**Upstream Pipe Depth:**	2.68
Post Code:	M40 2BA	**Total Length:**	38.68 m	**Downstream Node:**	SW109
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.85

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:335

Position [m]	Code	Observation	Grade
		Depth: 2.85 m **SW109**	
0.00	CP	Start node, catchpit, reference: SW109	
0.00	WL	Water level, 10% of the vertical dimension	
16.95	CN	Connection other than junction at 11 o'clock, 150mm dia	
18.88	CN	Connection other than junction at 11 o'clock, 150mm dia	
24.79	CN	Connection other than junction at 11 o'clock, 150mm dia	
36.28	CN	Connection other than junction at 11 o'clock, 150mm dia	
38.68	CPF	Finish node, catchpit, reference: SW107	
		SW107 **Depth: 2.68 m**	



CP - 0.00



CN - 18.88



CN - 36.28

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

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Section Pictures - 28/06/2024 - SW107X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
145	Upstream	SW107X	145	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW109



2, 00:01:29, 18.88 m
Connection other than junction at 11 o'clock, 150mm dia



3, 00:04:05, 36.28 m
Connection other than junction at 11 o'clock, 150mm dia

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Section Inspection - 28/06/2024 - SW108X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
146	1	28/06/24	11:15	LSO0381562	Rain	Yes	SW108X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW108
Road:	Grimshaw Lane	**Inspected Length:**	42.24 m	**Upstream Pipe Depth:**	0
Post Code:	M40 2BA	**Total Length:**	42.24 m	**Downstream Node:**	SW109
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	300 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:366

Position [m]	Code	Observation	Grade
		Depth: m	
		SW109	
0.00	CP	Start node, catchpit, reference: SW109	
0.00	WL	Water level, 5% of the vertical dimension	
24.21	D	Deformed sewer or drain, 10%	2 / 3
24.98	LD	Line deviates down: Slight	
42.24	MHF	Finish node, manhole, reference: SW108	
		SW108	
		Depth: m	


CP - 0.00


D - 24.21

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	0.5	20.0	2.0	1	2.0	0.0	2.0	3.0

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Section Pictures - 28/06/2024 - SW108X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
146	Upstream	SW108X	146	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW109



2, 00:02:32, 24.21 m
Deformed sewer or drain, 10%

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Section Inspection - 28/06/2024 - UC52X

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
147	1	28/06/24	11:26	LSO0381562	Rain	Yes	UC52X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

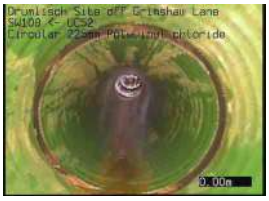
Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	UC52
Road:	Grimshaw Lane	**Inspected Length:**	2.31 m	**Upstream Pipe Depth:**	0.80
Post Code:	M40 2BA	**Total Length:**	2.31 m	**Downstream Node:**	SW108
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	0.87

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	225 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:50

Position [m]	Code	Observation	Grade
		Depth: 0.87 m	
		SW108	
0.00	MH	Start node, manhole, reference: SW108	
0.00	WL	Water level, 5% of the vertical dimension	
2.31	GYF	Finish node, gully, reference: UC52: Gully	
		UC52	
		Depth: 0.80 m	


MH - 0.00


GYF - 2.31

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

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Section Pictures - 28/06/2024 - UC52X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
147	Upstream	UC52X	147	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW108



2, 00:00:31, 2.31 m
Finish node, gully, reference: UC52, Gully

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Section Inspection - 28/06/2024 - SW109X

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date:	Time:	Lanes Job Number	Weather	Pre Cleaned	PLR
148	1	28/06/24	14:16	LSO0381562	Rain	Yes	SW109X

Operator	Asset Location:	Camera	Preset Length	Legal Status	Alternative ID
M. Sweeney	Property or buildings	Small Crawler	Not Specified	Private Drain	Not Specified

Town or Village:	Manchester	**Inspection Direction:**	Upstream	**Upstream Node:**	SW109
Road:	Grimshaw Lane	**Inspected Length:**	61.82 m	**Upstream Pipe Depth:**	2.56
Post Code:	M40 2BA	**Total Length:**	61.82 m	**Downstream Node:**	SW110
Surface Type:		**Joint Length:**		**Downstream Pipe Depth:**	2.58

Asset Use:	Surface water	**Asset Shape:**	Circular
Asset Type:	Gravity drain/sewer	**Dia/Height:**	600 mm
Asset Owner:		**Asset Material:**	Polyvinyl chloride
Year Constructed:	Not Specified	**Asset Lining Type:**	No Lining
Inspection Purpose:	Routine inspection	**Asset Lining Material:**	No Lining

Comments:
Recommendations:

Scale: 1:536

Position [m]	Code	Observation	Grade
		Depth: 2.58 m **SW110**	
0.00	CP	Start node, catchpit, reference: SW110	
0.00	WL	Water level, 5% of the vertical dimension	
9.92	CN	Connection other than junction at 1 o'clock, 150mm dia	
10.91	CN	Connection other than junction at 11 o'clock, 150mm dia	
17.13	CN	Connection other than junction at 11 o'clock, 150mm dia	
20.55	CN	Connection other than junction at 1 o'clock, 150mm dia	
36.09	CXI	Connection defective, connecting pipe is intruding at 12 o'clock, 150mm dia, intrusion: 5%	3
37.04	CXI	Connection defective, connecting pipe is intruding at 12 o'clock, 150mm dia, intrusion: 10%	3
41.94	CN	Connection other than junction at 12 o'clock, 150mm dia	
46.04	CN	Connection other than junction at 01 o'clock, 150mm dia	
61.82	CPF	Finish node, catchpit, reference: SW109	
		SW109 **Depth: 2.56 m**	



CP - 0.00



CXI - 36.09



CPF - 61.82

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	2.0	0.1	4.0	3.0

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Section Pictures - 28/06/2024 - SW109X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
148	Upstream	SW109X	148	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW110



2, 00:02:34, 36.09 m
Connection defective, connecting pipe is intruding at 12 o'clock, 150mm dia, intrusion: 5%



3, 00:04:32, 61.82 m
Finish node, catchpit, reference: SW109

Site Pictures




Picture 1 & 2 shows the installation of Attenuation Tank No 1.




Pictures 3 & 4 shows the construction of the main surface water sewer laid along the access road.



Picture 5 show the temporary excavation works for the oil separator installation.



Picture 6 show the oil separator installation besides the temporary works excavation for its installation.




Pictures 7 & 8 shows the Attenuation Tank No 2 being constructed. The geocellular units are being laid over the impermeable membrane wrapped/sealed.




Pictures 9 & 10 shows the construction of the surface water demarcation manhole prior to the connection into the public sewer.