



Section Profile

Project Name
192 Hawthorn Road_Bognor Regis_PO21_2UX

Project Number

Project Date
01/06/2023

Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Pipe Material	Total Length	Inspected Length
6	L5 SVP	MH2	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	4.10 m	4.10 m
7	L6 SVP	MH2	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	0.38 m	0.38 m
17	L11	MH3F	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	0.61 m	0.61 m
18	L12	MH3F	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	1.22 m	1.22 m
19	MH3F	MH3G	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	5.13 m	5.13 m
20	MH3H	MH3G	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	7.03 m	7.03 m
23	MH3G	MH3	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	3.34 m	3.34 m
24	MH3	MH4	01/06/2023	192 HAWTHORN ROAD	Vitrified clay pipe (i.e. all clayware)	3.04 m	3.04 m

Total: 8 Inspections x Circular 100 mm = 24.86 m Total Length and 24.86 m Inspected Length

Circular, 110 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Pipe Material	Total Length	Inspected Length
1	L1 FWG	MH1	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	0.99 m	0.99 m
2	L2 WC	MH1	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	2.07 m	2.05 m
3	L3 SVP	MH1	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	1.82 m	1.82 m
4	MH1	MH2	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	5.32 m	5.32 m
5	L4	MH2	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	4.45 m	4.45 m
8	L7 RWG	MH2	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	0.91 m	0.91 m
9	MH2	MH3	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	5.13 m	5.13 m
10	L9 SVP	MH3A	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	0.30 m	0.30 m
11	MH3A	MH3B	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	2.70 m	2.70 m
12	MH3B	MH3C	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	11.13 m	11.13 m
13	L10 FWP	MH3C	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	3.84 m	3.84 m
14	MH3C	MH3	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	14.48 m	14.48 m
15	MH3D	MH3E	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	3.04 m	3.04 m
16	MH3E	MH3F	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	2.17 m	2.17 m
21	L13 FWP	MH3H	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	0.57 m	0.57 m
22	L14 FWG	MH3G	01/06/2023	192 HAWTHORN ROAD	Polyvinyl chloride	1.79 m	1.79 m

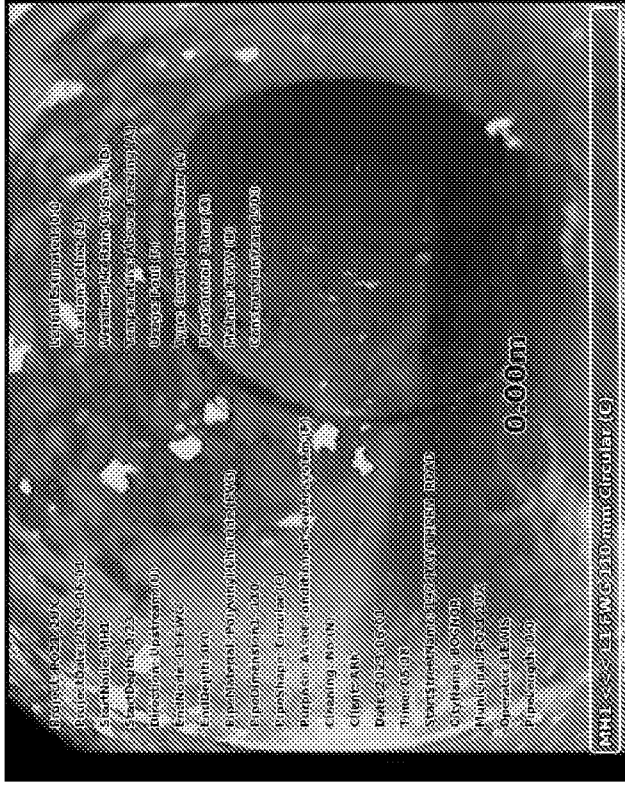
Total: 16 Inspections x Circular 110 mm = 60.71 m Total Length and 60.69 m Inspected Length

Total: 24 Inspections = 85.57 m Total Length and 85.54 m Inspected Length

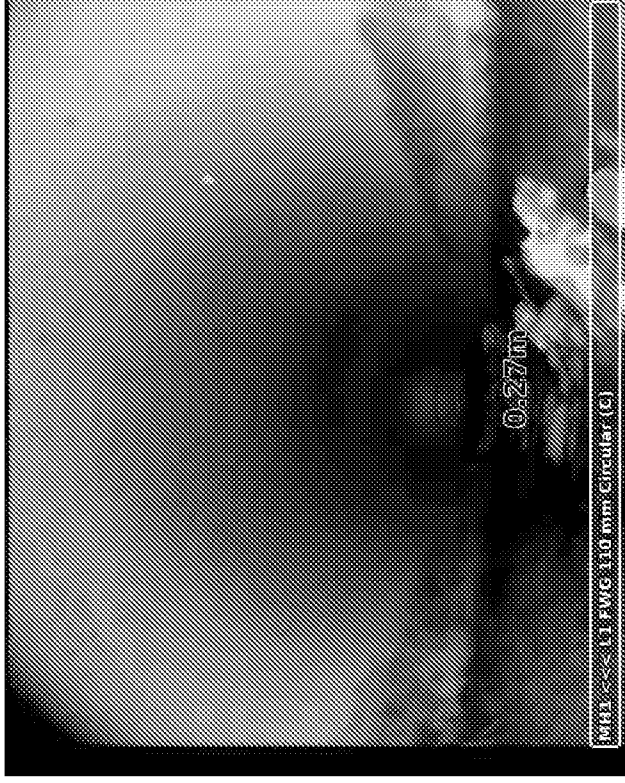


Section Pictures - 01/06/2023 - L1 FWGX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	05:08	Push cam	Van pack	LEWIS	01		1



20230601-051525-snap0000.jpg, 00:00:01, 0.00 m
Start node, manhole, reference: MH1



L1
FWGX_565ffcbf-6b21-4adf-8a1e-a3afd26dde19_20230614_09
2556_809.jpg, 00:00:09, 0.27 m



20230601-051525-snap0001.jpg, 00:00:21, 0.99 m
Finish node, gully, reference: L1 FWG



Section Inspection - 01/06/2023 - L2 WCX

Item No. 2	Insp. No. 1	Date 01/06/23	Time 5:20	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L2 WCX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor	Inspection Direction:	Upstream	Upstream Node:	L2 WC
Road:	192 Hawthorn Road	Inspected Length:	2.05 m	Upstream Pipe Depth:	0.000 m
Location:	Other (state in comments)	Total Length:	2.07 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.230 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		
Comments:	WC - Large open joint noted on material change - Corrosion noted on pipe wall				
Recommendations:	Picote clean line to restore full flow / Install 1x 100mm Patch Liner to seal OJ				

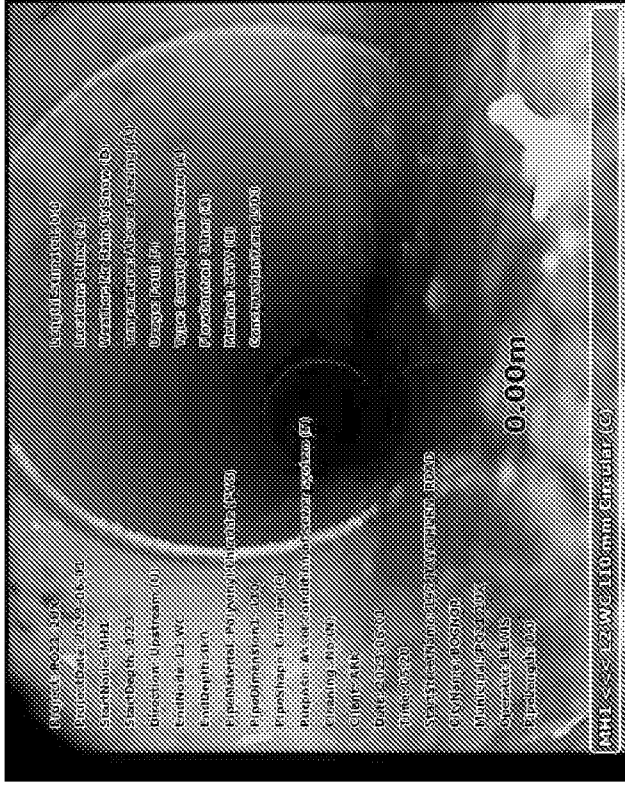
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																													
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH1</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-052126-sn ap0000.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01</td> <td>DEZ Attached deposits, other from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:21</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.72</td> <td>OJL</td> <td>Open joint, large</td> <td>00:00:11</td> <td>L2 WCX_cc8 eaa56-e9f0</td> <td>1</td> <td></td> </tr> <tr> <td>0.83</td> <td>F02</td> <td>DEZ Attached deposits, other from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:21</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>0.84</td> <td>MCCI</td> <td>Material changes to cast iron</td> <td>00:00:21</td> <td>20230601-052126-sn ap0001.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.84</td> <td>S02</td> <td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start</td> <td>00:00:21</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.56</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:30</td> <td>L2 WCX_0d0 42868-c98</td> <td></td> <td></td> </tr> <tr> <td>2.04</td> <td>F01</td> <td>SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish</td> <td>00:00:21</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>2.04</td> <td>MCPVC</td> <td>Material changes to polyvinyl chloride</td> <td>00:00:36</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.05</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L2 WC</td> <td>00:00:36</td> <td>20230601-052126-sn ap0002.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH1	00:00:00	20230601-052126-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.00	S01	DEZ Attached deposits, other from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, start	00:00:21				0.72	OJL	Open joint, large	00:00:11	L2 WCX_cc8 eaa56-e9f0	1		0.83	F02	DEZ Attached deposits, other from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, finish	00:00:21			2	0.84	MCCI	Material changes to cast iron	00:00:21	20230601-052126-sn ap0001.jpg			0.84	S02	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:21				1.56	LU	Line deviates up	00:00:30	L2 WCX_0d0 42868-c98			2.04	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:00:21			2	2.04	MCPVC	Material changes to polyvinyl chloride	00:00:36				2.05	BRF	Finish node, major connection without manhole, reference: L2 WC	00:00:36	20230601-052126-sn ap0002.jpg		
0.00	MH	Start node, manhole, reference: MH1	00:00:00	20230601-052126-sn ap0000.jpg																																																																																
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																																																																	
0.00	S01	DEZ Attached deposits, other from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, start	00:00:21																																																																																	
0.72	OJL	Open joint, large	00:00:11	L2 WCX_cc8 eaa56-e9f0	1																																																																															
0.83	F02	DEZ Attached deposits, other from 4 o'clock to 8 o'clock, 5% cross-sectional area loss, finish	00:00:21			2																																																																														
0.84	MCCI	Material changes to cast iron	00:00:21	20230601-052126-sn ap0001.jpg																																																																																
0.84	S02	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, start	00:00:21																																																																																	
1.56	LU	Line deviates up	00:00:30	L2 WCX_0d0 42868-c98																																																																																
2.04	F01	SCP Surface damage, corrosion products from 12 o'clock to 12 o'clock, finish	00:00:21			2																																																																														
2.04	MCPVC	Material changes to polyvinyl chloride	00:00:36																																																																																	
2.05	BRF	Finish node, major connection without manhole, reference: L2 WC	00:00:36	20230601-052126-sn ap0002.jpg																																																																																

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	22.0	20.3	42.0	2.0	1	1.0	0.5	1.0	2.0

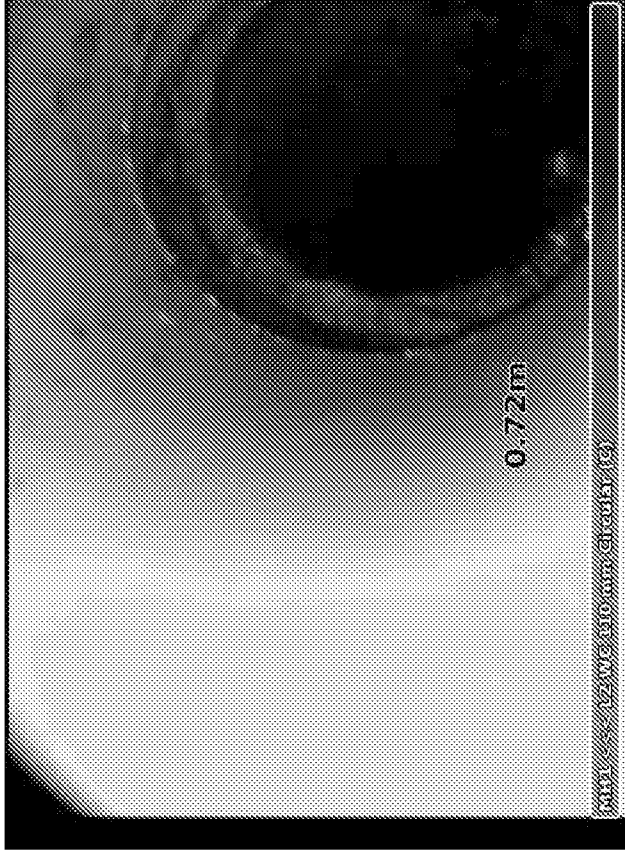


Section Pictures - 01/06/2023 - L2 WCX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2JX	01/06/2023	05:20	Push cam	Van pack	LEWIS	01		2



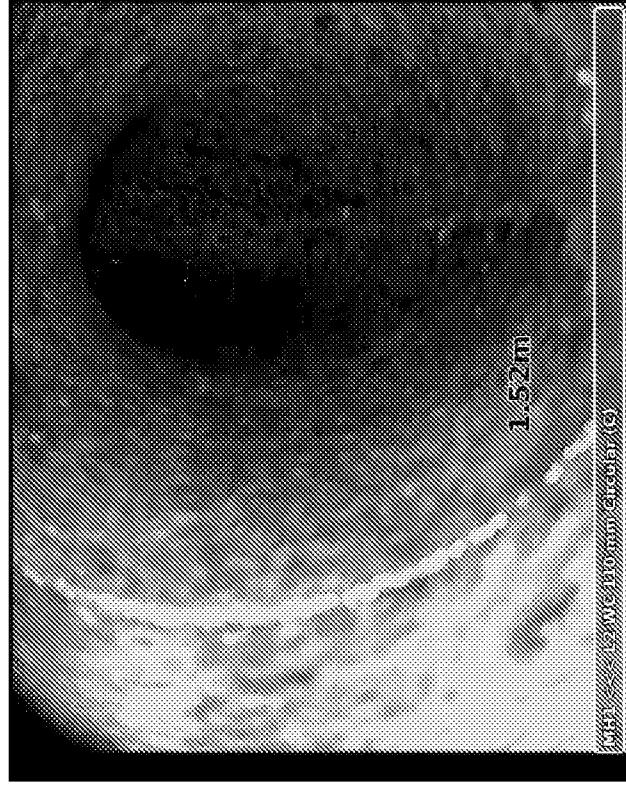
20230601-052126-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH1



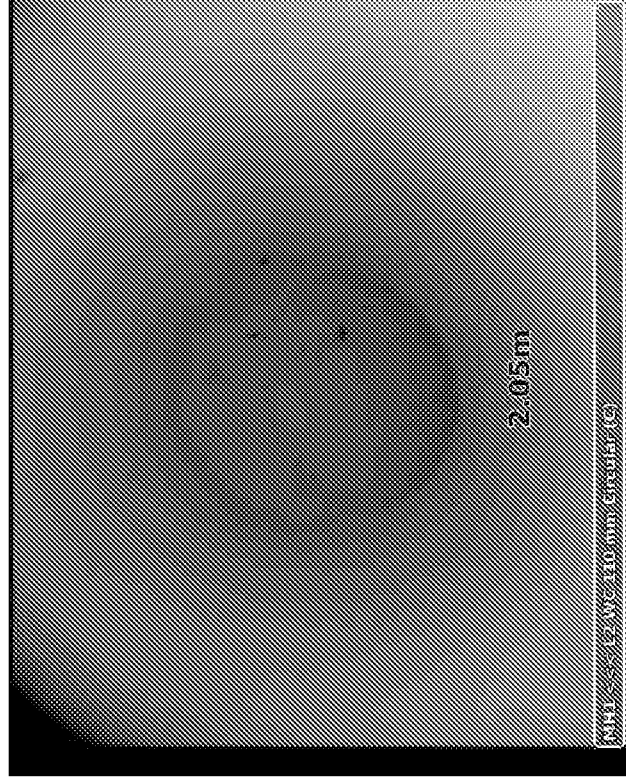
WCX_cc8eaa56-e9f0-473c-a75d-1ce34e554728_20230615_14
2106_526.jpg, 00:00:11, 0.72 m



20230601-052126-snap0001.jpg, 00:00:21, 0.84 m
Material changes to cast iron



WCX_0d042868-c98e-47c3-ad1d-b6e2c791a2b9_20230614_0
92855_940.jpg, 00:00:30, 1.56 m



20230601-052126-snap0002.jpg, 00:00:36, 2.05 m
Finish node, major connection without manhole, reference: L2
WC



Section Inspection - 01/06/2023 - L3 SVPX

Item No. 3	Insp. No. 1	Date 01/06/23	Time 5:22	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L3 SVPX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor	Inspection Direction:	Upstream	Upstream Node:	L3 SVP
Road:	192 Hawthorn Road	Inspected Length:	1.82 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	1.82 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.230 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	A minor accumulation of fouling deposits has been observed on the pipe wall, but is not of concern				
Recommendations:	None				

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="font-size: small;">Depth: 0.23 m MH1</p> <p style="font-size: small;">Depth: 0.00 m L3 SVP</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 10px;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH1</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-052325-sn ap0000.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.10</td> <td>GP</td> <td>General photograph taken at this point</td> <td>00:00:12</td> <td>L3 SVPX_25a a39d5-5aa</td> <td></td> <td></td> </tr> <tr> <td>1.41</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:15</td> <td>L3 SVPX_c71 96e63-c4c</td> <td></td> <td></td> </tr> <tr> <td>1.81</td> <td>F01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:19</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>1.82</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L3 SVP</td> <td>00:00:19</td> <td>20230601-052325-sn ap0001.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH1	00:00:00	20230601-052325-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01				1.10	GP	General photograph taken at this point	00:00:12	L3 SVPX_25a a39d5-5aa			1.41	LU	Line deviates up	00:00:15	L3 SVPX_c71 96e63-c4c			1.81	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:19			2	1.82	BRF	Finish node, major connection without manhole, reference: L3 SVP	00:00:19	20230601-052325-sn ap0001.jpg		
0.00	MH	Start node, manhole, reference: MH1	00:00:00	20230601-052325-sn ap0000.jpg																																																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																																					
0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01																																																					
1.10	GP	General photograph taken at this point	00:00:12	L3 SVPX_25a a39d5-5aa																																																				
1.41	LU	Line deviates up	00:00:15	L3 SVPX_c71 96e63-c4c																																																				
1.81	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:19			2																																																		
1.82	BRF	Finish node, major connection without manhole, reference: L3 SVP	00:00:19	20230601-052325-sn ap0001.jpg																																																				

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	1.0	1.1	2.0	3.0



Section Pictures - 01/06/2023 - L3 SVPX

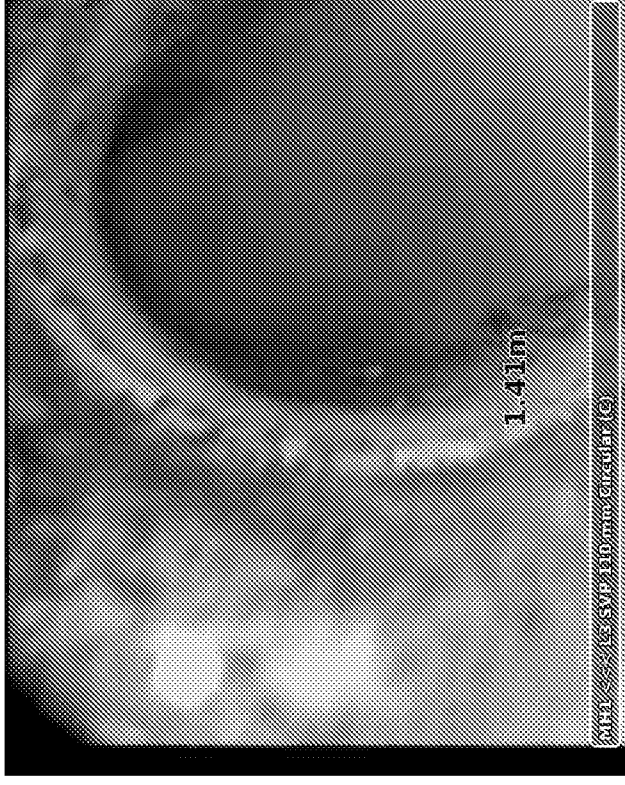
Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	05:22	Push cam	Van pack	LEWIS	01		3



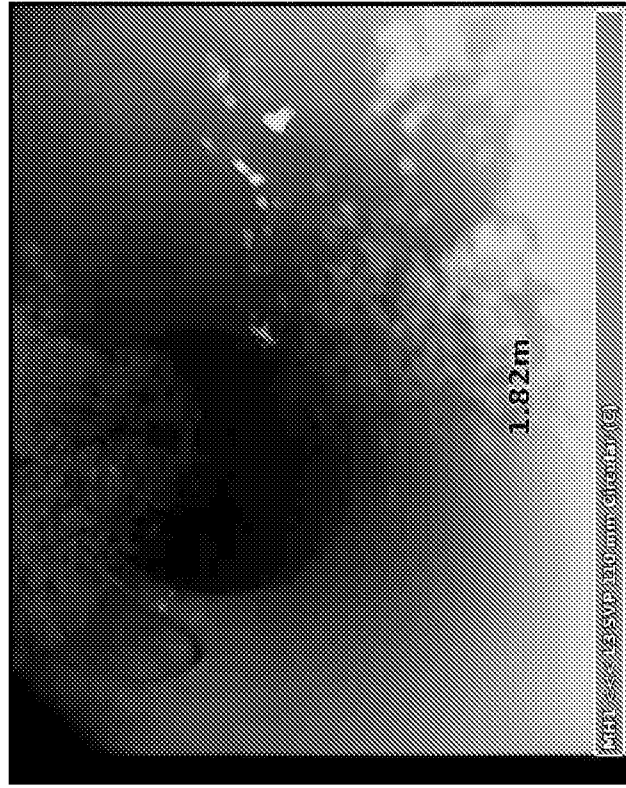
20230601-052325-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH1



L3
SVPX_25aa39d5-5aa3-4ea7-b352-5cc8cfaddbb8_20230614_09
3119_539.jpg, 00:00:12, 1.10 m



L3
SVPX_c7196e63-c4ca-4b51-b740-83853c52c85e_20230614_0
93133_873.jpg, 00:00:15, 1.41 m



20230601-052325-snap0001.jpg, 00:00:19, 1.82 m
Finish node, major connection without manhole, reference: L3
SVP



Section Inspection - 01/06/2023 - MH1X

Item No. 4	Insp. No. 1	Date 01/06/23	Time 5:30	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH1X
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor	Inspection Direction:	Downstream	Upstream Node:	MH1
Road:	192 Hawthorn Road	Inspected Length:	5.32 m	Upstream Pipe Depth:	0.230 m
Location:	Other(state in comments)	Total Length:	5.32 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	A minor accumulation of fouling deposits has been observed on the pipe wall, but is not of concern				
Recommendations:	None				

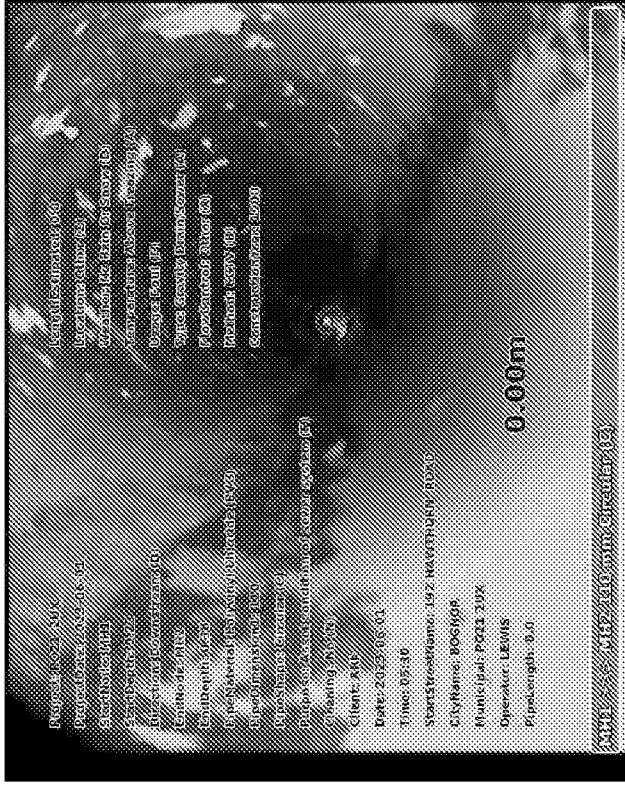
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																										
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 0.23 m MH1</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node, manhole, reference: MH1</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-053059-sn ap0000.jpg</td> <td style="width: 10%;"></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td>2.05</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 110mm: SWG1</td> <td>00:00:27</td> <td>20230601-053059-sn ap0001.jpg</td> <td></td> </tr> <tr> <td>4.71</td> <td>GP</td> <td>General photograph taken at this point</td> <td>00:00:43</td> <td>MH1X_ac4 433fc-88e5 -45ea-a454</td> <td></td> </tr> <tr> <td>5.27</td> <td>F01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:48</td> <td></td> <td style="text-align: center;">2</td> </tr> <tr> <td>5.32</td> <td>MHF</td> <td>Finish node, manhole, reference: MH2</td> <td>00:00:48</td> <td>20230601-053059-sn ap0002.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH1	00:00:00	20230601-053059-sn ap0000.jpg		0.00	WL	Water level, 0% of the vertical dimension	00:00:00			0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00			2.05	JN	Junction at 9 o'clock, diameter: 110mm: SWG1	00:00:27	20230601-053059-sn ap0001.jpg		4.71	GP	General photograph taken at this point	00:00:43	MH1X_ac4 433fc-88e5 -45ea-a454		5.27	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:48		2	5.32	MHF	Finish node, manhole, reference: MH2	00:00:48	20230601-053059-sn ap0002.jpg	
0.00	MH	Start node, manhole, reference: MH1	00:00:00	20230601-053059-sn ap0000.jpg																																													
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																														
0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00																																														
2.05	JN	Junction at 9 o'clock, diameter: 110mm: SWG1	00:00:27	20230601-053059-sn ap0001.jpg																																													
4.71	GP	General photograph taken at this point	00:00:43	MH1X_ac4 433fc-88e5 -45ea-a454																																													
5.27	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:48		2																																												
5.32	MHF	Finish node, manhole, reference: MH2	00:00:48	20230601-053059-sn ap0002.jpg																																													

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	1.0	1.1	6.0	3.0

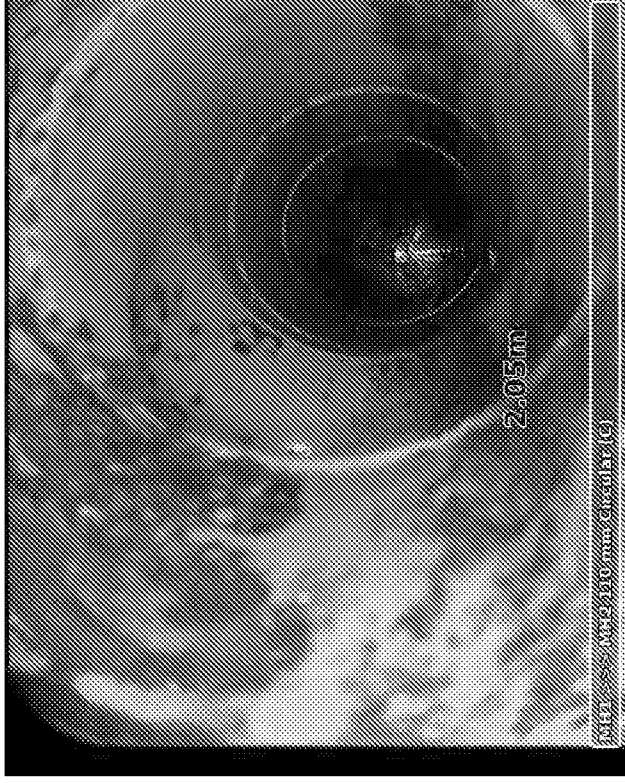


Section Pictures - 01/06/2023 - MH1X

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2JX	01/06/2023	05:30	Push cam	Van pack	LEWIS	01		4



20230601-053059-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH1



20230601-053059-snap0001.jpg, 00:00:27, 2.05 m
Junction at 9 o'clock, diameter: 110mm, SWG1



MH1X_ac4433fc-88e5-45ea-a454-834c3b4d56c4_20230614_093307_815.jpg, 00:00:43, 4.71 m
General photograph taken at this point



20230601-053059-snap0002.jpg, 00:00:48, 5.32 m
Finish node, manhole, reference: MH2



Section Inspection - 01/06/2023 - L4X

Item No. 5	Insp. No. 1	Date 01/06/23	Time 5:40	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L4X
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor	Inspection Direction:	Upstream	Upstream Node:	L4
Road:	192 Hawthorn Road	Inspected Length:	4.45 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	4.45 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	A minor accumulation of fouling deposits has been observed on the pipe wall, but is not of concern				
Recommendations:	None				

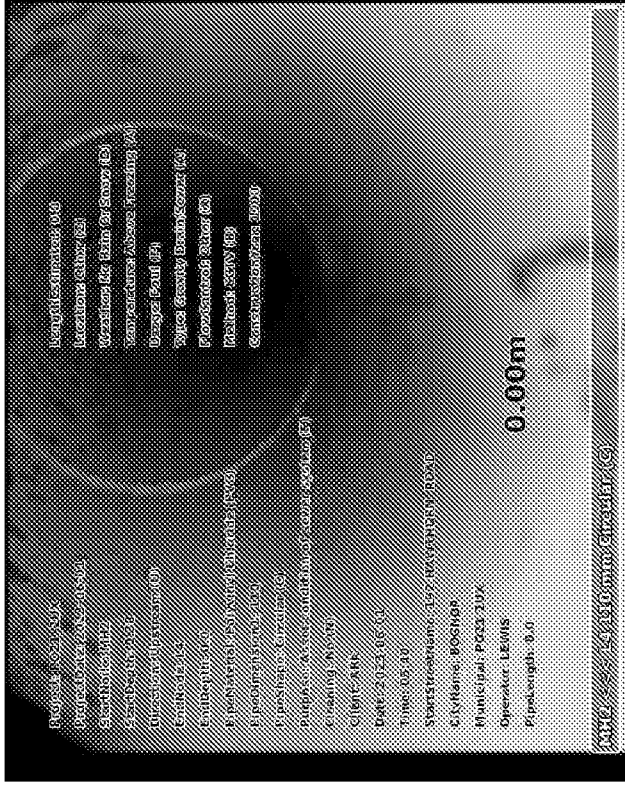
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																										
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 0.38 m MH2</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node, manhole, reference: MH2</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-054032-sn ap0000.jpg</td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>S01</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:36</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.41</td> <td>GP</td> <td>General photograph taken at this point</td> <td>00:00:13</td> <td>L4X_dd5b59cb-0581-43be-933</td> <td></td> </tr> <tr> <td style="text-align: right;">4.26</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:45</td> <td>L4X_9e444543-1c8c-4bdb-b03</td> <td></td> </tr> <tr> <td style="text-align: right;">4.44</td> <td>F01</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:36</td> <td></td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: right;">4.45</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L4</td> <td>00:00:48</td> <td>20230601-054032-sn ap0001.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-054032-sn ap0000.jpg		0.00	WL	Water level, 0% of the vertical dimension	00:00:00			0.00	S01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:36			1.41	GP	General photograph taken at this point	00:00:13	L4X_dd5b59cb-0581-43be-933		4.26	LU	Line deviates up	00:00:45	L4X_9e444543-1c8c-4bdb-b03		4.44	F01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:36		2	4.45	BRF	Finish node, major connection without manhole, reference: L4	00:00:48	20230601-054032-sn ap0001.jpg	
0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-054032-sn ap0000.jpg																																													
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																														
0.00	S01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:36																																														
1.41	GP	General photograph taken at this point	00:00:13	L4X_dd5b59cb-0581-43be-933																																													
4.26	LU	Line deviates up	00:00:45	L4X_9e444543-1c8c-4bdb-b03																																													
4.44	F01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:36		2																																												
4.45	BRF	Finish node, major connection without manhole, reference: L4	00:00:48	20230601-054032-sn ap0001.jpg																																													

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	1.0	0.0	5.0	2.0



Section Pictures - 01/06/2023 - L4X

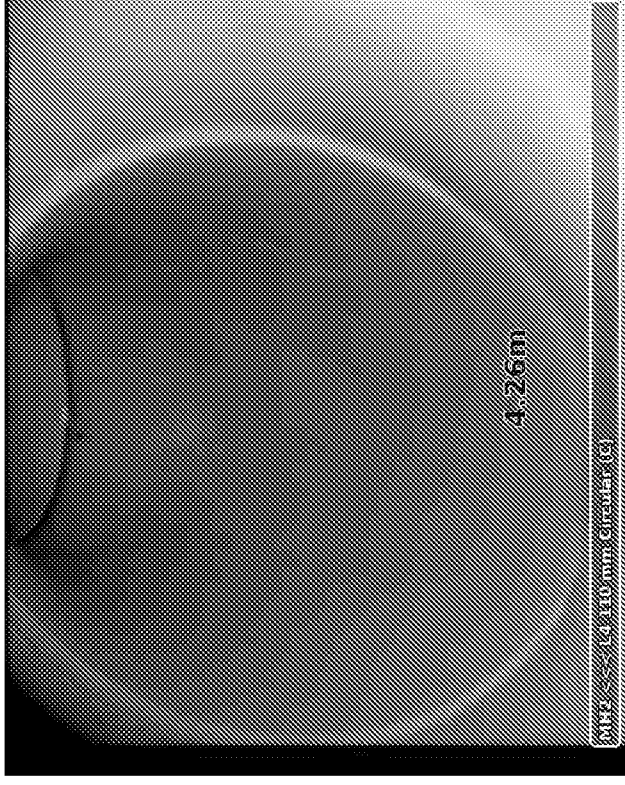
Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	05:40	Push cam	Van pack	LEWIS	01		5



20230601-054032-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH2



L4X_dd5b59cb-0581-43be-9339-4e74b1ee3bd1_20230614_093
430_855.jpg, 00:00:13, 1.41 m
General photograph taken at this point



L4X_9e444543-1c8c-4bdb-b034-44462d9bb370_20230614_09
3457_117.jpg, 00:00:45, 4.26 m
Line deviates up



20230601-054032-snap0001.jpg, 00:00:48, 4.45 m
Finish node, major connection without manhole, reference: L4



Section Inspection - 01/06/2023 - L5 SVPX

Item No. 6	Insp. No. 1	Date 01/06/23	Time 5:43	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L5 SVPX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor	Inspection Direction:	Upstream	Upstream Node:	L5 SVP
Road:	192 Hawthorn Road	Inspected Length:	4.10 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	4.10 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		
Comments:	Multiple defects, limescale and debris noted in line				
Recommendations:	Picote/Jet clean line & install 1X 100MM Patch Liner				

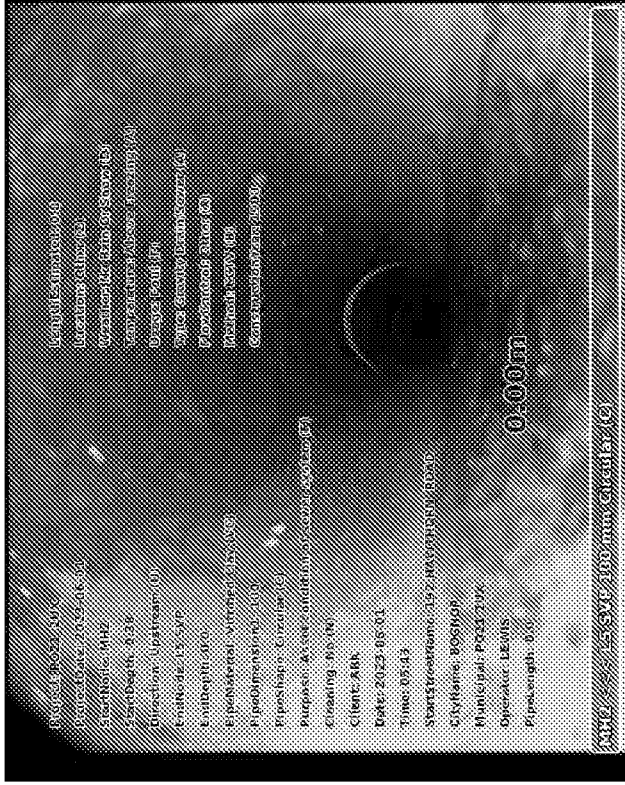
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																											
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="font-size: small;">Depth: 0.38 m MH2</p> <p style="font-size: small;">Depth: 0.00 m L5 SVP</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH2</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-054536-sn ap0000.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01</td> <td>DEZ Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.18</td> <td>JN</td> <td>Junction at 3 o'clock, diameter: 100mm: SVP</td> <td>00:00:37</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.22</td> <td>S02</td> <td>DEX Settled deposits, other, 10% cross-sectional area loss, start</td> <td>00:00:35</td> <td>L5 SVPX_585 7c22a-6c6f</td> <td></td> <td></td> </tr> <tr> <td>2.17</td> <td>F02</td> <td>DEX Settled deposits, other, 10% cross-sectional area loss, finish</td> <td>00:00:53</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>2.55</td> <td>LR</td> <td>Line deviates right</td> <td>00:01:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.58</td> <td>FC</td> <td>Fracture, circumferential from 12 o'clock to 12 o'clock</td> <td>00:01:02</td> <td>L5 SVPX_1c6 f8d93-460</td> <td></td> <td>3</td> </tr> <tr> <td>3.46</td> <td>JDM</td> <td>Joint displaced, medium</td> <td>00:01:24</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>3.46</td> <td>MCPVC</td> <td>Material changes to polyvinyl chloride</td> <td>00:01:24</td> <td>L5 SVPX_a71 7453a-1c5</td> <td></td> <td></td> </tr> <tr> <td>3.72</td> <td>LU</td> <td>Line deviates up</td> <td>00:01:34</td> <td>L5 SVPX_2e5 8a059-fa3f</td> <td></td> <td></td> </tr> <tr> <td>4.06</td> <td>F01</td> <td>DEZ Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:01:40</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>4.10</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L5 SVP</td> <td>00:01:40</td> <td>20230601-054536-sn ap0002.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-054536-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.00	S01	DEZ Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00				1.18	JN	Junction at 3 o'clock, diameter: 100mm: SVP	00:00:37				1.22	S02	DEX Settled deposits, other, 10% cross-sectional area loss, start	00:00:35	L5 SVPX_585 7c22a-6c6f			2.17	F02	DEX Settled deposits, other, 10% cross-sectional area loss, finish	00:00:53			3	2.55	LR	Line deviates right	00:01:01				2.58	FC	Fracture, circumferential from 12 o'clock to 12 o'clock	00:01:02	L5 SVPX_1c6 f8d93-460		3	3.46	JDM	Joint displaced, medium	00:01:24			1	3.46	MCPVC	Material changes to polyvinyl chloride	00:01:24	L5 SVPX_a71 7453a-1c5			3.72	LU	Line deviates up	00:01:34	L5 SVPX_2e5 8a059-fa3f			4.06	F01	DEZ Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:01:40			2	4.10	BRF	Finish node, major connection without manhole, reference: L5 SVP	00:01:40	20230601-054536-sn ap0002.jpg		
0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-054536-sn ap0000.jpg																																																																																														
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																																																																															
0.00	S01	DEZ Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00																																																																																															
1.18	JN	Junction at 3 o'clock, diameter: 100mm: SVP	00:00:37																																																																																															
1.22	S02	DEX Settled deposits, other, 10% cross-sectional area loss, start	00:00:35	L5 SVPX_585 7c22a-6c6f																																																																																														
2.17	F02	DEX Settled deposits, other, 10% cross-sectional area loss, finish	00:00:53			3																																																																																												
2.55	LR	Line deviates right	00:01:01																																																																																															
2.58	FC	Fracture, circumferential from 12 o'clock to 12 o'clock	00:01:02	L5 SVPX_1c6 f8d93-460		3																																																																																												
3.46	JDM	Joint displaced, medium	00:01:24			1																																																																																												
3.46	MCPVC	Material changes to polyvinyl chloride	00:01:24	L5 SVPX_a71 7453a-1c5																																																																																														
3.72	LU	Line deviates up	00:01:34	L5 SVPX_2e5 8a059-fa3f																																																																																														
4.06	F01	DEZ Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:01:40			2																																																																																												
4.10	BRF	Finish node, major connection without manhole, reference: L5 SVP	00:01:40	20230601-054536-sn ap0002.jpg																																																																																														

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
3	80.0	29.5	121.0	4.0	2	3.0	1.7	7.0	3.0

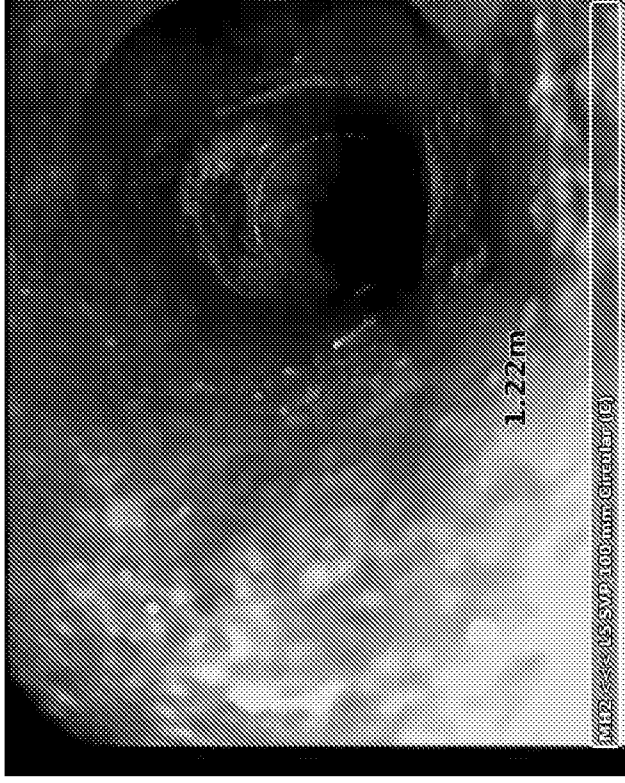


Section Pictures - 01/06/2023 - L5 SVPX

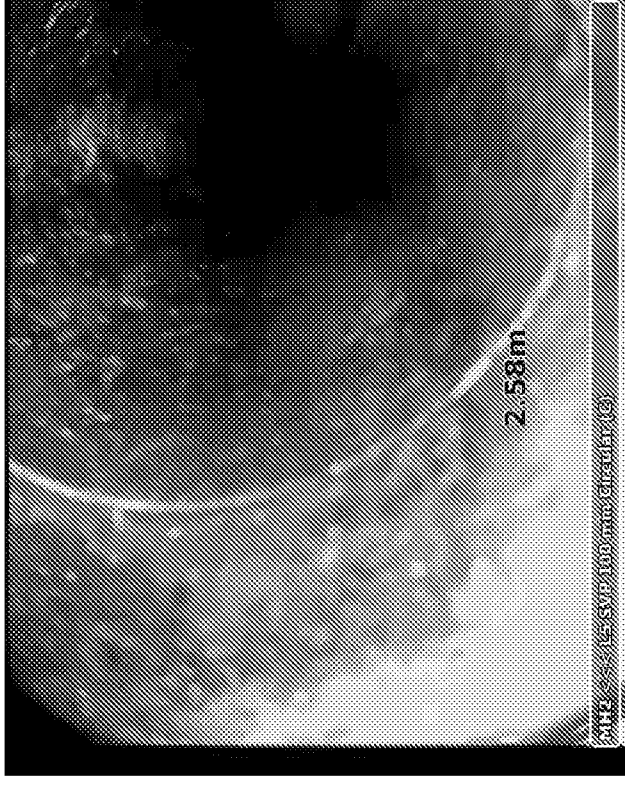
Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2JX	01/06/2023	05:43	Push cam	Van pack	LEWIS	01		6



20230601-054536-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH2



L5
SVPX_5857c22a-6c6f-49c1-8339-6608ffa0f5ed_20230614_093
642_485.jpg, 00:00:35, 1.22 m



L5
SVPX_1c6f8d93-4602-434c-b91c-cdd5cea1db8c_20230614_0
93734_673.jpg, 00:01:02, 2.58 m



L5
SVPX_a717453a-1c55-42f8-a0dd-ab754ccbdd66_20230614_0
93824_286.jpg, 00:01:24, 3.46 m



L5
SVPX_2e58a059-fa3f-42fe-af10-9338ed8a288b_20230614_093
834_846.jpg, 00:01:34, 3.72 m



20230601-054536-snap0002.jpg, 00:01:40, 4.10 m
Finish node, major connection without manhole, reference: L5
SVP



Section Inspection - 01/06/2023 - L6 SVPX

Item No. 7	Insp. No. 1	Date 01/06/23	Time 5:48	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L6 SVPX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor	Inspection Direction:	Upstream	Upstream Node:	L6 SVP
Road:	192 Hawthorn Road	Inspected Length:	0.38 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	0.38 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	Attached deposits noted in line - CCTV vision poor as a result				
Recommendations:	et/Picote clean & Re Survey to check for missed defects, if any				

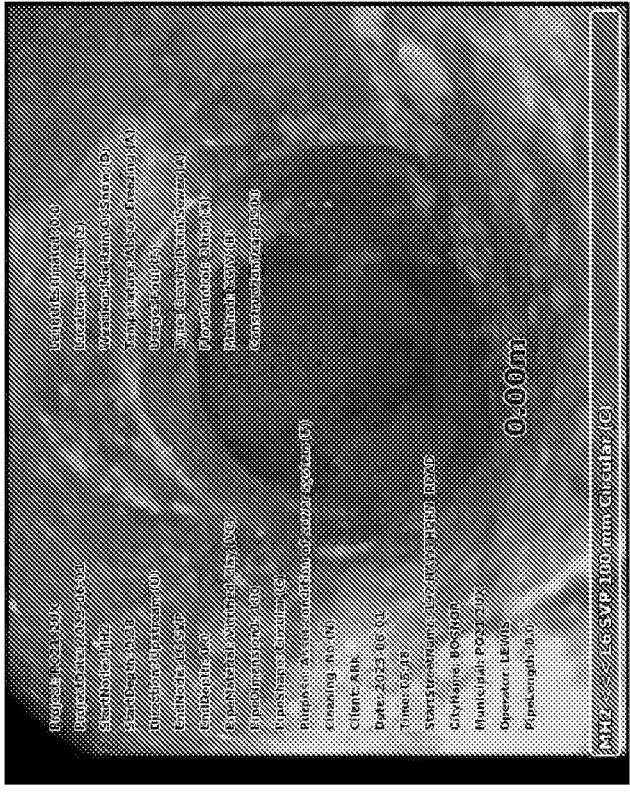
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																				
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 0.38 m</p> <p style="text-align: center;">Depth: 0.00 m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 10px;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH2</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-055025-sn ap0000.jpg</td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 10% cross-sectional area loss, start</td> <td>00:00:04</td> <td></td> <td></td> </tr> <tr> <td>0.15</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:04</td> <td>L6 SVPX_8d4 febc7-47b1</td> <td></td> </tr> <tr> <td>0.37</td> <td>F01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 10% cross-sectional area loss, finish</td> <td>00:00:10</td> <td></td> <td style="text-align: center;">3</td> </tr> <tr> <td>0.38</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L6 SVP</td> <td>00:00:10</td> <td>20230601-055025-sn ap0001.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-055025-sn ap0000.jpg		0.00	WL	Water level, 0% of the vertical dimension	00:00:00			0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 10% cross-sectional area loss, start	00:00:04			0.15	LU	Line deviates up	00:00:04	L6 SVPX_8d4 febc7-47b1		0.37	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 10% cross-sectional area loss, finish	00:00:10		3	0.38	BRF	Finish node, major connection without manhole, reference: L6 SVP	00:00:10	20230601-055025-sn ap0001.jpg	
0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-055025-sn ap0000.jpg																																							
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																								
0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 10% cross-sectional area loss, start	00:00:04																																								
0.15	LU	Line deviates up	00:00:04	L6 SVPX_8d4 febc7-47b1																																							
0.37	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 10% cross-sectional area loss, finish	00:00:10		3																																						
0.38	BRF	Finish node, major connection without manhole, reference: L6 SVP	00:00:10	20230601-055025-sn ap0001.jpg																																							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	5.3	2.0	5.0

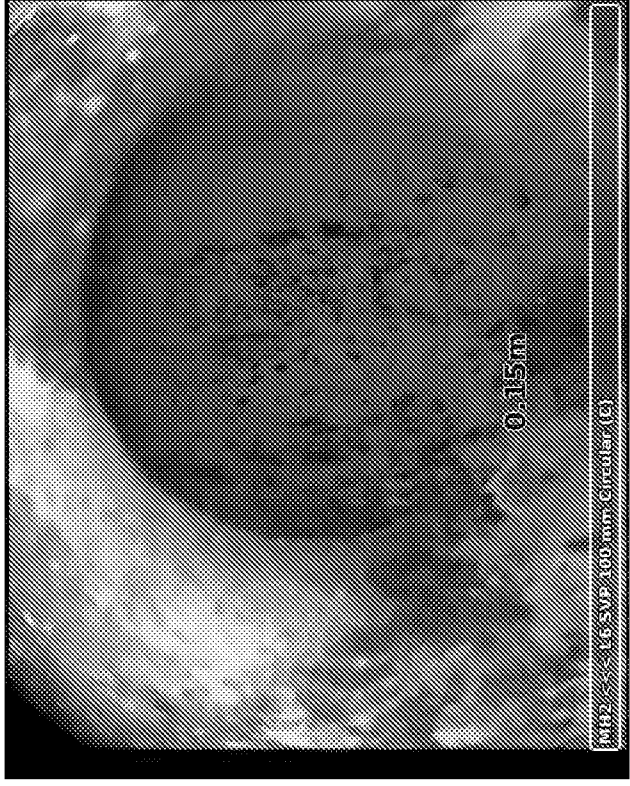


Section Pictures - 01/06/2023 - L6 SVPX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	05:48	Push cam	Van pack	LEWIS	01		7



20230601-055025-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH2



L6
SVPX_8d4fbc7-f7b1-440c-b465-89828d6f47bb_20230614_09
4011_484.jpg, 00:00:04, 0.15 m



20230601-055025-snap0001.jpg, 00:00:10, 0.38 m
Finish node, major connection without manhole, reference: L6
SVP



Section Inspection - 01/06/2023 - L7 RWGX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
8	1	01/06/23	5:54	01	No Rain Or Snow	No	L7 RWGX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LEWIS		Van pack		Push Cam	Not Specified	Not Specified	Not Specified

Town or Village:	Bognor	Inspection Direction:	Upstream	Upstream Node:	L7 RWG
Road:	192 Hawthorn Road	Inspected Length:	0.91 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	0.91 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.380 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	RW Gully - Drain run sound and free flowing				
Recommendations:	None				

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: 0.38 m					
		MH2					
		0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-055503-sn	
		0.72	GP	General photograph taken at this point	00:00:07	ap0000.jpg	
		0.91	GYF	Finish node, gully, reference: L7 RWG	00:00:08	L7 RWGX_1f	
		Depth: 0.00 m				d75f55-c7	
						20230601-055503-sn	
						ap0001.jpg	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	2.2	2.0	3.0

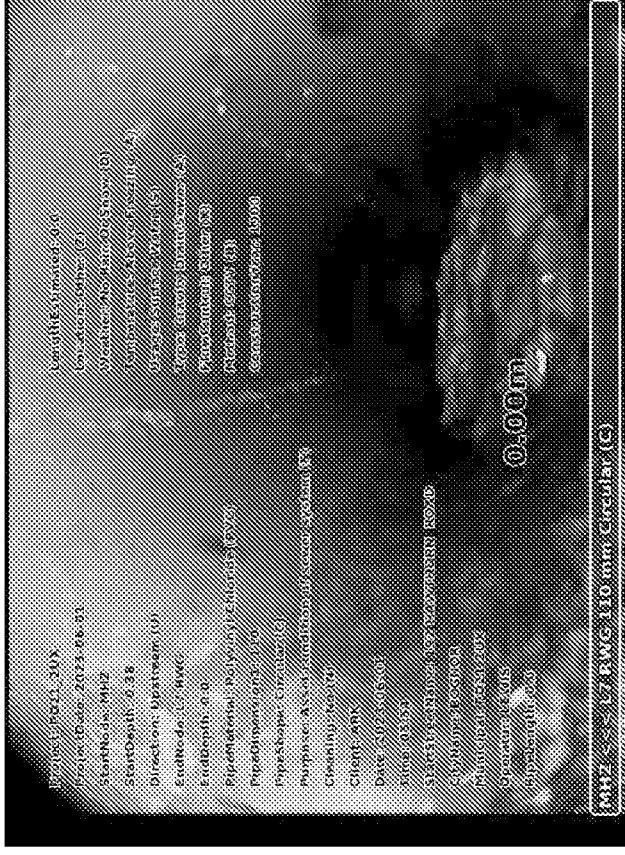


Section Pictures - 01/06/2023 - L7 RWGX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	05:54	Push cam	Van pack	LEWIS	01		8



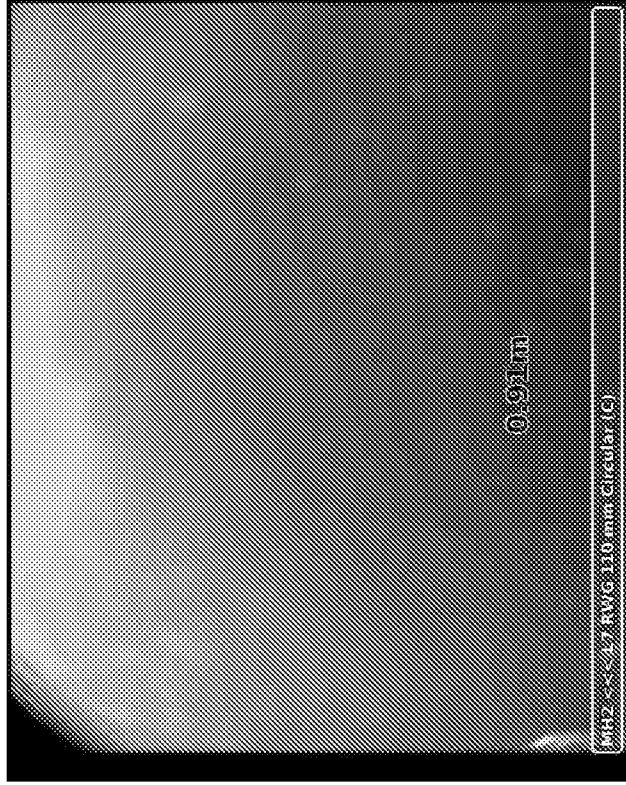
20230601-055503-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH2



RWXG_1ad05d21-efec-46bb-a99a-f7df5cdc05e9_20230615_1
43303_362.jpg, 00:00:00, 0.00 m



RWXG_1fd75f55-c733-4cf0-841a-298fd6bd47d1_20230614_09
4209_635.jpg, 00:00:07, 0.72 m



20230601-055503-snap0001.jpg, 00:00:08, 0.91 m
Finish node, gully, reference: L7 RWGX



Section Inspection - 01/06/2023 - MH2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	1	01/06/23	6:18	01	No Rain Or Snow	No	MH2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
LEWIS		Van pack		Push Cam	Not Specified	Not Specified	Not Specified

Town or Village:	Bognor	Inspection Direction:	Downstream	Upstream Node:	MH2
Road:	192 Hawthorn Road	Inspected Length:	5.13 m	Upstream Pipe Depth:	0.380 m
Location:	Other(state in comments)	Total Length:	5.13 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.000 m
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	MH3 buried, no access. Pipework appears to be bellied/backfalling due to water level noted in line				
Recommendations:	Drain would benefit with a jet clean				

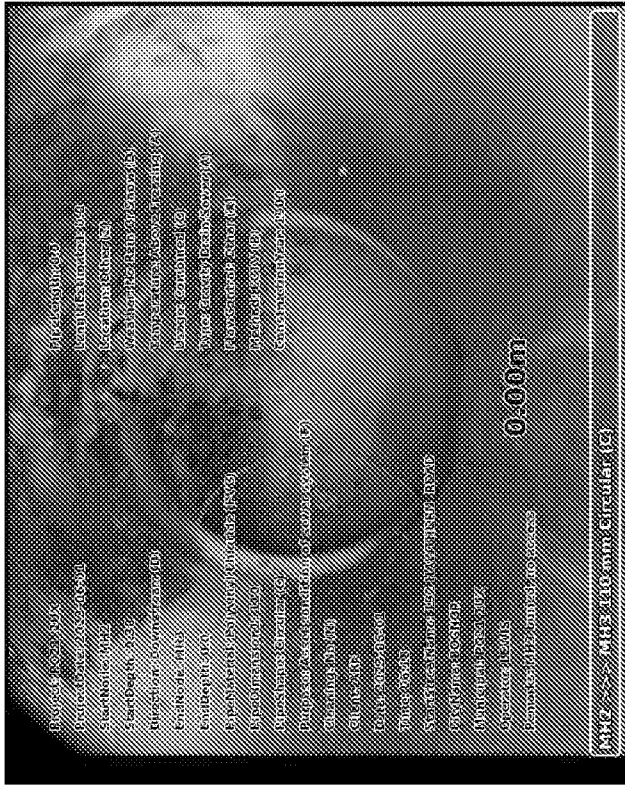
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																											
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 0.38 m MH2</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH2</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-061842-sn ap0000.jpg</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.40</td> <td>LL</td> <td>Line deviates left</td> <td>00:00:13</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.06</td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:21</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.46</td> <td>S02 DEX</td> <td>Settled deposits, other, 10% cross-sectional area loss, start</td> <td>00:00:21</td> <td>MH2X_063 ce854-a7c 9-4f85-9ea</td> <td></td> <td></td> </tr> <tr> <td>2.93</td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:42</td> <td>MH2X_b1b f037d-029 8-4e78-98</td> <td></td> <td></td> </tr> <tr> <td>3.27</td> <td>LR</td> <td>Line deviates right</td> <td>00:00:47</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.76</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:00:57</td> <td>MH2X_1be f6f32-a890 -4f03-8479</td> <td></td> <td></td> </tr> <tr> <td>4.94</td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:01:18</td> <td>MH2X_2e5 e19c0-556 a-498b-98</td> <td></td> <td></td> </tr> <tr> <td>5.12</td> <td>F01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:01:22</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>5.12</td> <td>F02 DEX</td> <td>Settled deposits, other, 10% cross-sectional area loss, finish</td> <td>00:01:22</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>5.13</td> <td>MHF</td> <td>Finish node, manhole, reference: MH3</td> <td>00:01:22</td> <td>20230601-061842-sn ap0001.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-061842-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01				0.40	LL	Line deviates left	00:00:13				1.06	WL	Water level, 15% of the vertical dimension	00:00:21				1.46	S02 DEX	Settled deposits, other, 10% cross-sectional area loss, start	00:00:21	MH2X_063 ce854-a7c 9-4f85-9ea			2.93	WL	Water level, 15% of the vertical dimension	00:00:42	MH2X_b1b f037d-029 8-4e78-98			3.27	LR	Line deviates right	00:00:47				3.76	WL	Water level, 20% of the vertical dimension	00:00:57	MH2X_1be f6f32-a890 -4f03-8479			4.94	WL	Water level, 15% of the vertical dimension	00:01:18	MH2X_2e5 e19c0-556 a-498b-98			5.12	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:01:22			2	5.12	F02 DEX	Settled deposits, other, 10% cross-sectional area loss, finish	00:01:22			3	5.13	MHF	Finish node, manhole, reference: MH3	00:01:22	20230601-061842-sn ap0001.jpg		
0.00	MH	Start node, manhole, reference: MH2	00:00:00	20230601-061842-sn ap0000.jpg																																																																																														
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																																																																															
0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01																																																																																															
0.40	LL	Line deviates left	00:00:13																																																																																															
1.06	WL	Water level, 15% of the vertical dimension	00:00:21																																																																																															
1.46	S02 DEX	Settled deposits, other, 10% cross-sectional area loss, start	00:00:21	MH2X_063 ce854-a7c 9-4f85-9ea																																																																																														
2.93	WL	Water level, 15% of the vertical dimension	00:00:42	MH2X_b1b f037d-029 8-4e78-98																																																																																														
3.27	LR	Line deviates right	00:00:47																																																																																															
3.76	WL	Water level, 20% of the vertical dimension	00:00:57	MH2X_1be f6f32-a890 -4f03-8479																																																																																														
4.94	WL	Water level, 15% of the vertical dimension	00:01:18	MH2X_2e5 e19c0-556 a-498b-98																																																																																														
5.12	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:01:22			2																																																																																												
5.12	F02 DEX	Settled deposits, other, 10% cross-sectional area loss, finish	00:01:22			3																																																																																												
5.13	MHF	Finish node, manhole, reference: MH3	00:01:22	20230601-061842-sn ap0001.jpg																																																																																														

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	3.0	2.7	14.0	4.0



Section Pictures - 01/06/2023 - MH2X

Project Name 192HawthornRoad_BognorRegis_PO21_2JX	Date 01/06/2023	Time 06:18	Camera Push cam	Vehicle Van pack	Operator LEWIS	Client's Job Ref 01	Contractor's Job Ref	Item No. 9
-------------------------------------------------------------	---------------------------	----------------------	---------------------------	----------------------------	--------------------------	-------------------------------	-----------------------------	----------------------



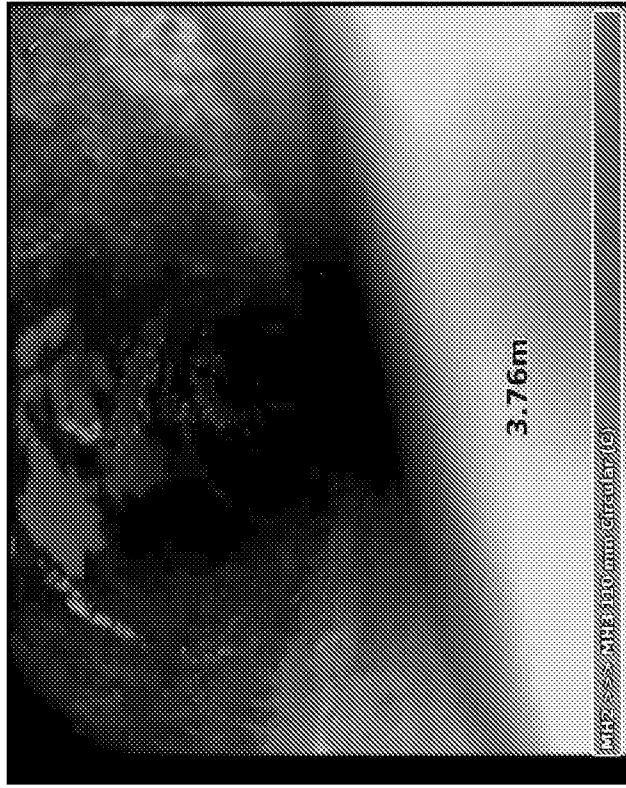
MH2X_1bef632-a890-4f03-8479-7e5729649d1_20230614_09
4502_734.jpg, 00:00:57, 3.76 m
Water level, 20% of the vertical dimension



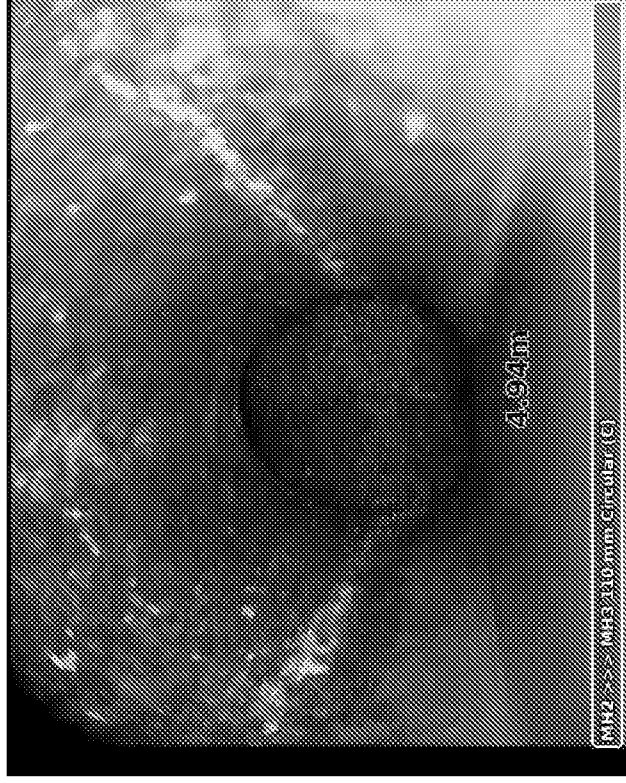
MH2X_0630e854-a7c9-4f85-9eaf-0ea1f6178117_20230614_09
4433_834.jpg, 00:00:21, 1.46 m
Settled deposits, other, 10% cross-sectional area loss, start



MH2X_b1bf037d-0298-4e78-981d-2da38265c6ea_20230614_0
94442_698.jpg, 00:00:42, 2.93 m
Water level, 15% of the vertical dimension



MH2X_1bef632-a890-4f03-8479-7e5729649d1_20230614_09
4502_734.jpg, 00:00:57, 3.76 m
Water level, 20% of the vertical dimension



MH2X_2e5e19c0-556a-498b-9883-38857851129f_20230614_0
94512_250.jpg, 00:01:18, 4.94 m
Water level, 15% of the vertical dimension



20230601-061842-snap0001.jpg, 00:01:22, 5.13 m
Finish node, manhole, reference: MH3



Section Inspection - 01/06/2023 - L9 SVPX

Item No. 10	Insp. No. 1	Date 01/06/23	Time 6:48	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L9 SVPX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Upstream	Upstream Node:	L9 SVP
Road:	192 Hawthorn Road	Inspected Length:	0.30 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	0.30 m	Downstream Node:	MH3A
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.200 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		
Comments:	Line serviceable and free flowing				
Recommendations:	None				

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Depth: 0.20 m</p> <p>Depth: 0.00 m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 15%;">Start node, manhole, reference: MH3A</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-064924-sn ap0000.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.11</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.30</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L9 SVP</td> <td>00:00:06</td> <td>20230601-064924-sn ap0001.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH3A	00:00:00	20230601-064924-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.11	LU	Line deviates up	00:00:01				0.30	BRF	Finish node, major connection without manhole, reference: L9 SVP	00:00:06	20230601-064924-sn ap0001.jpg		
0.00	MH	Start node, manhole, reference: MH3A	00:00:00	20230601-064924-sn ap0000.jpg																															
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																
0.11	LU	Line deviates up	00:00:01																																
0.30	BRF	Finish node, major connection without manhole, reference: L9 SVP	00:00:06	20230601-064924-sn ap0001.jpg																															

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



Section Pictures - 01/06/2023 - L9 SVPX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	06:48	Push cam	Van pack	LEWIS	01		10





Section Inspection - 01/06/2023 - MH3AX

Item No. 11	Insp. No. 1	Date 01/06/23	Time 6:55	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH3AX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Downstream	Upstream Node:	MH3A
Road:	192 Hawthorn Road	Inspected Length:	2.70 m	Upstream Pipe Depth:	0.200 m
Location:	Other (state in comments)	Total Length:	2.70 m	Downstream Node:	MH3B
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.280 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	A minor accumulation of fouling deposits has been observed on the pipe wall, but is not of concern				
Recommendations:	None				

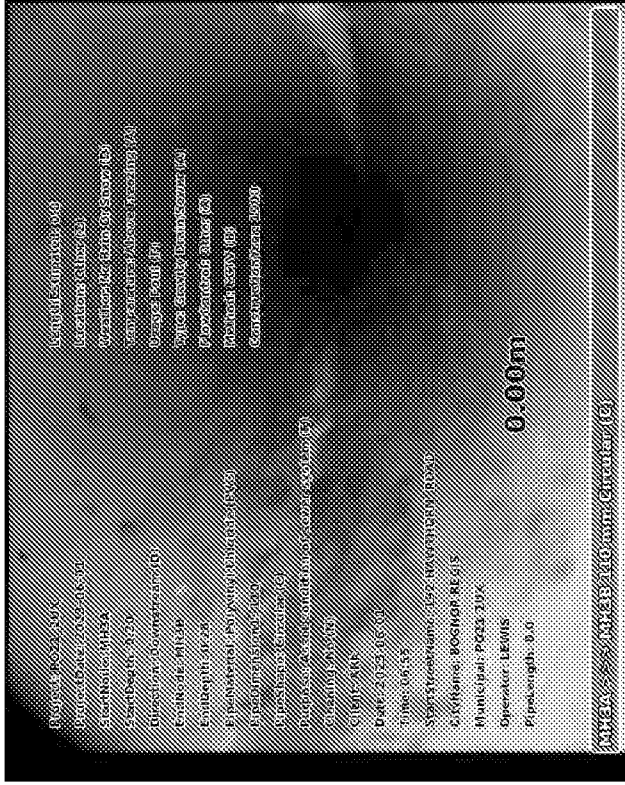
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																				
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="margin: 0;">Depth: 0.20 m MH3A</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node, manhole, reference: MH3A</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-065543-sn ap0000.jpg</td> <td style="width: 10%;"></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td>1.82</td> <td>GP</td> <td>General photograph taken at this point</td> <td>00:00:18</td> <td>MH3AX_8 2e11ca3-6 235-4501-</td> <td></td> </tr> <tr> <td>2.69</td> <td>F01</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:24</td> <td></td> <td style="text-align: center;">2</td> </tr> <tr> <td>2.70</td> <td>MHF</td> <td>Finish node, manhole, reference: MH3B</td> <td>00:00:24</td> <td>20230601-065543-sn ap0001.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH3A	00:00:00	20230601-065543-sn ap0000.jpg		0.00	WL	Water level, 0% of the vertical dimension	00:00:00			0.00	S01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00			1.82	GP	General photograph taken at this point	00:00:18	MH3AX_8 2e11ca3-6 235-4501-		2.69	F01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:24		2	2.70	MHF	Finish node, manhole, reference: MH3B	00:00:24	20230601-065543-sn ap0001.jpg	
0.00	MH	Start node, manhole, reference: MH3A	00:00:00	20230601-065543-sn ap0000.jpg																																							
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																								
0.00	S01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:00																																								
1.82	GP	General photograph taken at this point	00:00:18	MH3AX_8 2e11ca3-6 235-4501-																																							
2.69	F01	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:24		2																																						
2.70	MHF	Finish node, manhole, reference: MH3B	00:00:24	20230601-065543-sn ap0001.jpg																																							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	1.0	1.1	3.0	3.0

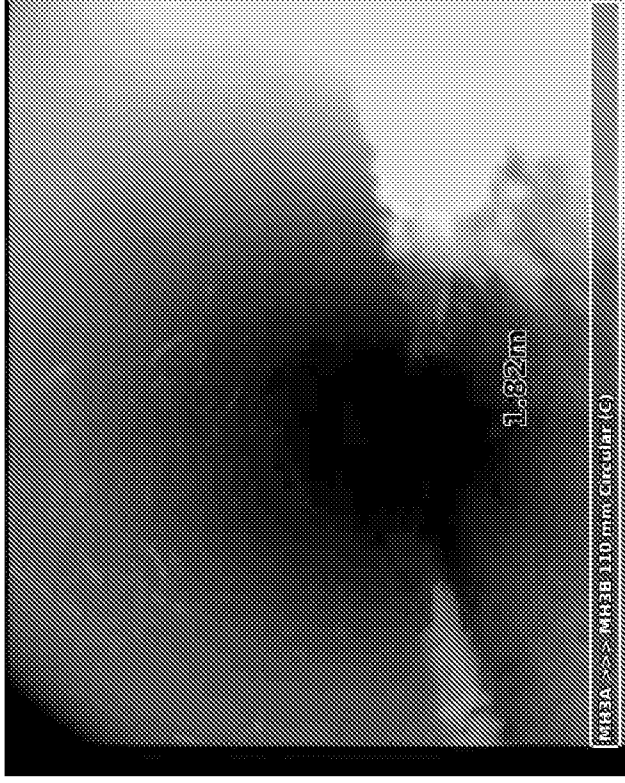


Section Pictures - 01/06/2023 - MH3AX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	06:55	Push cam	Van pack	LEWIS	01		11



MH3AX_82e11ca3-6235-4501-a81e-4cbfc5e7c4d1_20230614_094818_839.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH3A



MH3AX_82e11ca3-6235-4501-a81e-4cbfc5e7c4d1_20230614_094818_839.jpg, 00:00:18, 1.82 m
General photograph taken at this point



MH3AX_82e11ca3-6235-4501-a81e-4cbfc5e7c4d1_20230614_094818_839.jpg, 00:00:24, 2.70 m
Finish node, manhole, reference: MH3B



Section Inspection - 01/06/2023 - MH3BX

Item No. 12	Insp. No. 1	Date 01/06/23	Time 7:05	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH3BX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Downstream	Upstream Node:	MH3B
Road:	192 Hawthorn Road	Inspected Length:	11.13 m	Upstream Pipe Depth:	0.280 m
Location:	Other(state in comments)	Total Length:	11.13 m	Downstream Node:	MH3C
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.230 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	Scale and fouling deposits noted in line. Possibly due to poor gradient fall?				
Recommendations:	Jet clean to remove deposits and re survey to show the true condition				

Scale:	1:97	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																				
<div style="display: flex; align-items: flex-start;"> <div style="width: 20%; text-align: center;"> <p>Depth: 0.28 m MH3B</p> </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH3B</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-070548-sn ap0000.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.15</td> <td>JN</td> <td>Junction at 1 o'clock, diameter: 110mm: RWP1</td> <td>00:00:03</td> <td>20230601-070548-sn ap0001.jpg</td> <td></td> <td></td> </tr> <tr> <td>3.27</td> <td>JN</td> <td>Junction at 12 o'clock, diameter: 110mm: UK</td> <td>00:00:22</td> <td>20230601-070548-sn ap0002.jpg</td> <td></td> <td></td> </tr> <tr> <td>7.18</td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:40</td> <td>MH3BX_9 63a1269-ef 0a-4e54-9f</td> <td></td> <td></td> </tr> <tr> <td>7.18</td> <td>DEX</td> <td>Settled deposits, other, 10% cross-sectional area loss</td> <td>00:00:49</td> <td></td> <td></td> <td style="text-align: center;">3</td> </tr> <tr> <td>8.17</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:00:49</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8.93</td> <td>CUW</td> <td>Loss of vision, camera under water</td> <td>00:01:04</td> <td>MH3BX_7 02c96db-0 847-4717-</td> <td></td> <td></td> </tr> <tr> <td>10.91</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:01:26</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11.12</td> <td>F01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:01:26</td> <td></td> <td></td> <td style="text-align: center;">2</td> </tr> <tr> <td>11.13</td> <td>MHF</td> <td>Finish node, manhole, reference: MH3C</td> <td>00:01:34</td> <td>20230601-070548-sn ap0003.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH3B	00:00:00	20230601-070548-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01				0.15	JN	Junction at 1 o'clock, diameter: 110mm: RWP1	00:00:03	20230601-070548-sn ap0001.jpg			3.27	JN	Junction at 12 o'clock, diameter: 110mm: UK	00:00:22	20230601-070548-sn ap0002.jpg			7.18	WL	Water level, 15% of the vertical dimension	00:00:40	MH3BX_9 63a1269-ef 0a-4e54-9f			7.18	DEX	Settled deposits, other, 10% cross-sectional area loss	00:00:49			3	8.17	WL	Water level, 20% of the vertical dimension	00:00:49				8.93	CUW	Loss of vision, camera under water	00:01:04	MH3BX_7 02c96db-0 847-4717-			10.91	WL	Water level, 20% of the vertical dimension	00:01:26				11.12	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:01:26			2	11.13	MHF	Finish node, manhole, reference: MH3C	00:01:34	20230601-070548-sn ap0003.jpg		
0.00	MH	Start node, manhole, reference: MH3B	00:00:00	20230601-070548-sn ap0000.jpg																																																																																							
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																																																																								
0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01																																																																																								
0.15	JN	Junction at 1 o'clock, diameter: 110mm: RWP1	00:00:03	20230601-070548-sn ap0001.jpg																																																																																							
3.27	JN	Junction at 12 o'clock, diameter: 110mm: UK	00:00:22	20230601-070548-sn ap0002.jpg																																																																																							
7.18	WL	Water level, 15% of the vertical dimension	00:00:40	MH3BX_9 63a1269-ef 0a-4e54-9f																																																																																							
7.18	DEX	Settled deposits, other, 10% cross-sectional area loss	00:00:49			3																																																																																					
8.17	WL	Water level, 20% of the vertical dimension	00:00:49																																																																																								
8.93	CUW	Loss of vision, camera under water	00:01:04	MH3BX_7 02c96db-0 847-4717-																																																																																							
10.91	WL	Water level, 20% of the vertical dimension	00:01:26																																																																																								
11.12	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:01:26			2																																																																																					
11.13	MHF	Finish node, manhole, reference: MH3C	00:01:34	20230601-070548-sn ap0003.jpg																																																																																							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	3.0	1.3	14.0	3.0



Section Pictures - 01/06/2023 - MH3BX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2JX	01/06/2023	07:05	Push cam	Van pack	LEWIS	01		12



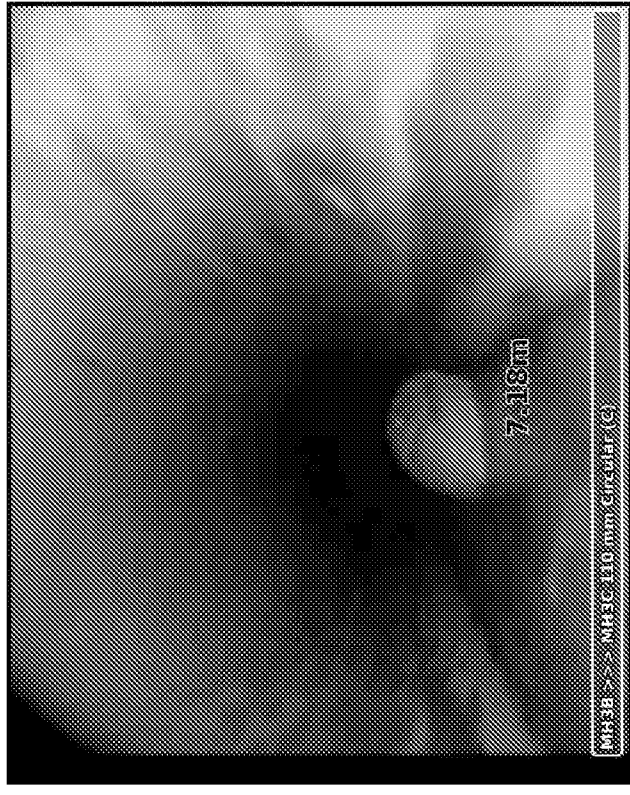
20230601-070548-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH3B



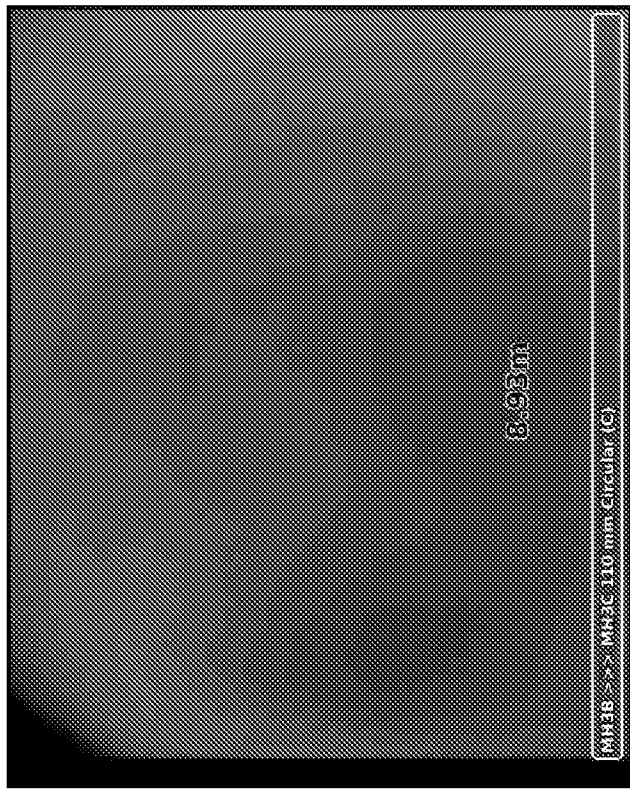
20230601-070548-snap0001.jpg, 00:00:03, 0.15 m
Junction at 1 o'clock, diameter: 110mm, RWP1



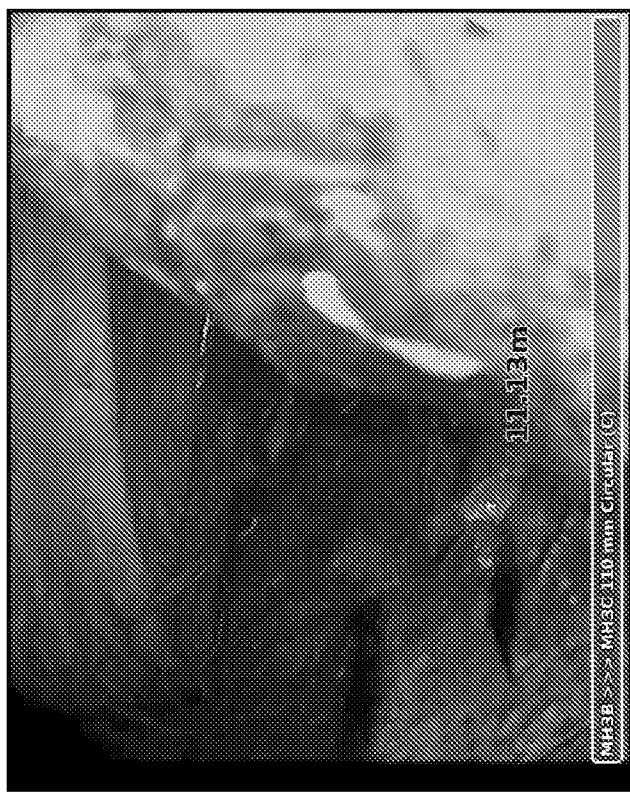
20230601-070548-snap0002.jpg, 00:00:22, 3.27 m
Junction at 12 o'clock, diameter: 110mm, UK



MH3BX_963a1269-ef0a-4e54-9faa-60003ded24f2_20230614_094944_906.jpg, 00:00:40, 7.18 m
Water level, 15% of the vertical dimension



MH3BX_702c96db-0847-4717-876b-fa5bbc89b52c_20230614_095009_992.jpg, 00:01:04, 8.93 m
Loss of vision, camera under water



20230601-070548-snap0003.jpg, 00:01:34, 11.13 m
Finish node, manhole, reference: MH3C



Section Inspection - 01/06/2023 - L10 FWPX

Item No. 13	Insp. No. 1	Date 01/06/23	Time 7:12	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR L10 FWPX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Upstream	Upstream Node:	L10 FWP
Road:	192 Hawthorn Road	Inspected Length:	3.84 m	Upstream Pipe Depth:	0.000 m
Location:	Other (state in comments)	Total Length:	3.84 m	Downstream Node:	MH3C
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.230 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	A minor accumulation of fouling deposits has been observed on the pipe wall, but is not of concern.				
Recommendations:	None				

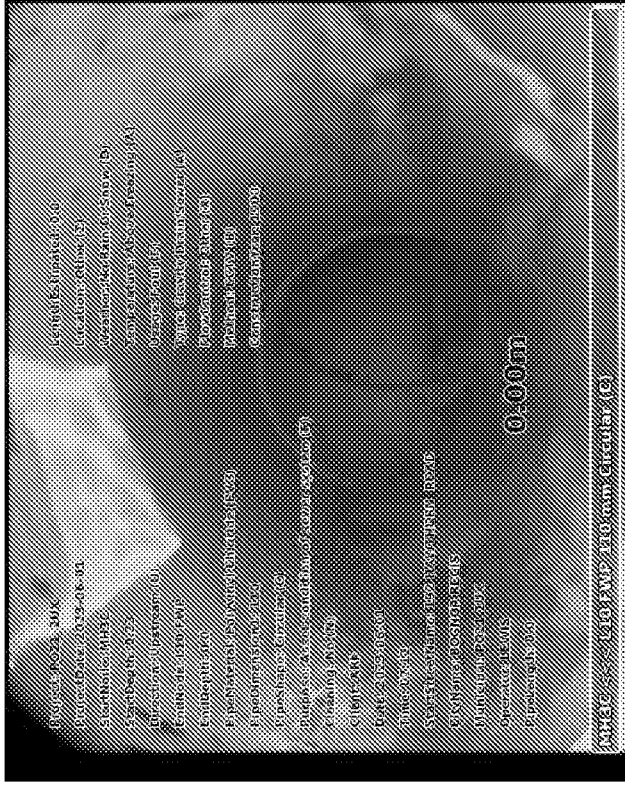
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																															
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="margin-bottom: 5px;">Depth: 0.23 m</p> <p style="margin-bottom: 5px;">MH3C</p> <p style="margin-top: 10px;">L10 FWP</p> <p style="margin-top: 5px;">Depth: 0.00 m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">Start node, manhole, reference: MH3C</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-071403-sn ap0000.jpg</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:37</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.23</td> <td>LR</td> <td>Line deviates right</td> <td>00:00:05</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.32</td> <td>GP</td> <td>General photograph taken at this point</td> <td>00:00:22</td> <td>L10 FWPX_89 85b9ad-91</td> <td></td> <td></td> </tr> <tr> <td>2.96</td> <td>LL</td> <td>Line deviates left</td> <td>00:00:26</td> <td>L10 FWPX_6e 196235-5a</td> <td></td> <td></td> </tr> <tr> <td>3.46</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:34</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.83</td> <td>F01 DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:37</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>3.84</td> <td>BRF</td> <td>Finish node, major connection without manhole, reference: L10 FWP</td> <td>00:00:37</td> <td>20230601-071403-sn ap0001.jpg</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: MH3C	00:00:00	20230601-071403-sn ap0000.jpg			0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:37				0.23	LR	Line deviates right	00:00:05				2.32	GP	General photograph taken at this point	00:00:22	L10 FWPX_89 85b9ad-91			2.96	LL	Line deviates left	00:00:26	L10 FWPX_6e 196235-5a			3.46	LU	Line deviates up	00:00:34				3.83	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:37			2	3.84	BRF	Finish node, major connection without manhole, reference: L10 FWP	00:00:37	20230601-071403-sn ap0001.jpg		
0.00	MH	Start node, manhole, reference: MH3C	00:00:00	20230601-071403-sn ap0000.jpg																																																																		
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																																																			
0.00	S01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:37																																																																			
0.23	LR	Line deviates right	00:00:05																																																																			
2.32	GP	General photograph taken at this point	00:00:22	L10 FWPX_89 85b9ad-91																																																																		
2.96	LL	Line deviates left	00:00:26	L10 FWPX_6e 196235-5a																																																																		
3.46	LU	Line deviates up	00:00:34																																																																			
3.83	F01 DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:37			2																																																																
3.84	BRF	Finish node, major connection without manhole, reference: L10 FWP	00:00:37	20230601-071403-sn ap0001.jpg																																																																		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	1.0	1.0	4.0	3.0

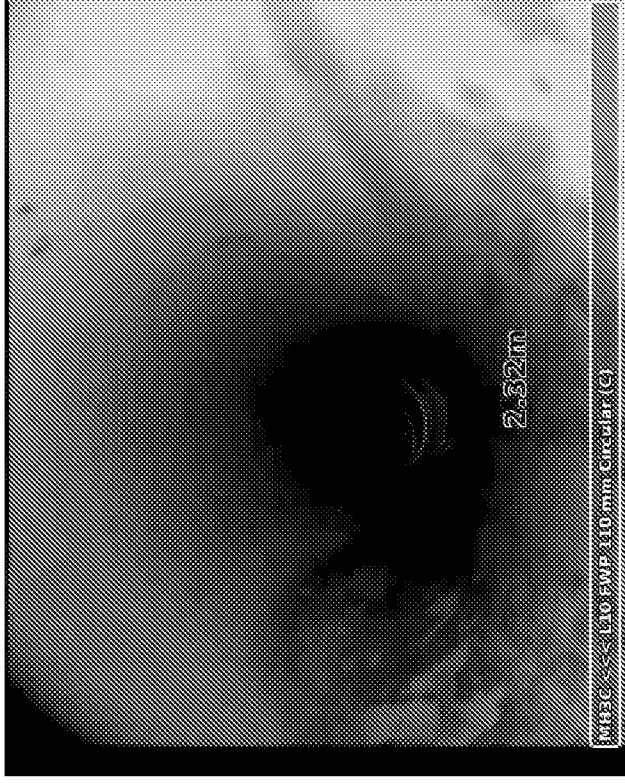


Section Pictures - 01/06/2023 - L10 FWPX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	07:12	Push cam	Van pack	LEWIS	01		13



20230601-071403-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH3C



L10
FWPX_8985b9ad-9102-4004-9d36-d8bf30018c0b_20230614_0
95132_808.jpg, 00:00:22, 2.32 m



L10
FWPX_6e196238-5aa3-441d-84e7-db5f4b7e35a7_20230614_0
95141_261.jpg, 00:00:26, 2.96 m



20230601-071403-snap0001.jpg, 00:00:37, 3.84 m
Finish node, major connection without manhole, reference: L10
FWP



Section Inspection - 01/06/2023 - MH3CX

Item No. 14	Insp. No. 1	Date 01/06/23	Time 7:16	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH3CX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Downstream	Upstream Node:	MH3C
Road:	192 Hawthorn Road	Inspected Length:	14.48 m	Upstream Pipe Depth:	0.230 m
Location:	Other(state in comments)	Total Length:	14.48 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.000 m
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition		Lining Material:	No Lining	
Comments:	MH3 Buried - Scale and fouling deposits noted in line. Possibly due to poor gradient fall?				
Recommendations:	Jet/Picote clean & Re Survey to show the true condition				

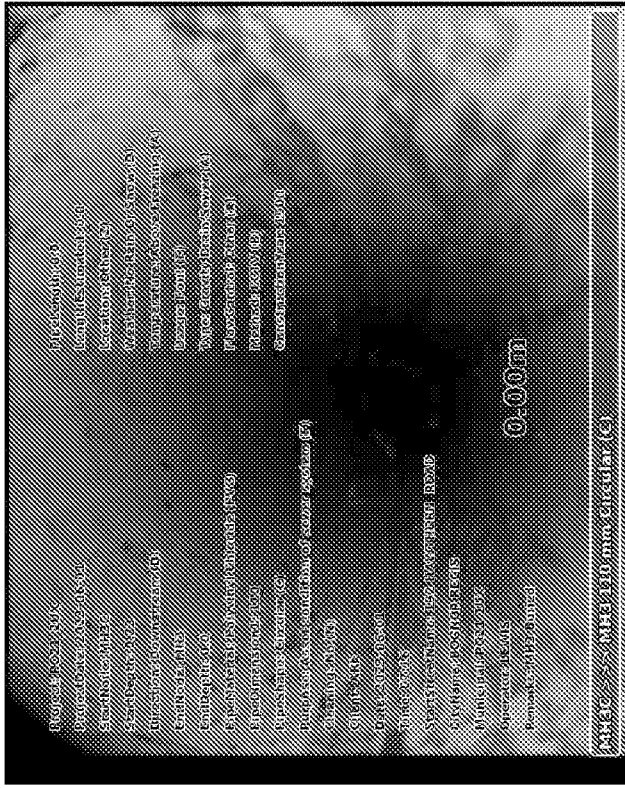
Scale:	1:126	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																																
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="margin-bottom: 5px;">Depth: 0.23 m</p> <p style="margin-bottom: 5px;">MH3C</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">WL</td> <td style="width: 10%;">0.00</td> <td style="width: 10%;">DEZ</td> <td style="width: 40%;">Water level, 0% of the vertical dimension</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>0.00</td> <td>MH</td> <td></td> <td></td> <td>Start node, manhole, reference: MH3C</td> <td>00:00:00</td> <td>20230601-071643-sn</td> <td></td> </tr> <tr> <td>0.00</td> <td>S01</td> <td></td> <td>DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:01</td> <td>ap0000.jpg</td> <td></td> </tr> <tr> <td>2.51</td> <td>WL</td> <td></td> <td></td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:32</td> <td></td> <td></td> </tr> <tr> <td>2.51</td> <td>S02</td> <td></td> <td>DEX</td> <td>Settled deposits, other, 10% cross-sectional area loss, start</td> <td>00:00:32</td> <td>MH3CX_e89050da-463d-43ac-</td> <td></td> </tr> <tr> <td>6.80</td> <td>WL</td> <td></td> <td></td> <td>Water level, 15% of the vertical dimension</td> <td>00:01:20</td> <td>MH3CX_911989df-6b49-4acc-a</td> <td></td> </tr> <tr> <td>11.25</td> <td>WL</td> <td></td> <td></td> <td>Water level, 15% of the vertical dimension</td> <td>00:01:53</td> <td>MH3CX_6cdb236a-ef30-4b73-8</td> <td></td> </tr> <tr> <td>13.53</td> <td>CUW</td> <td></td> <td></td> <td>Loss of vision, camera under water</td> <td>00:02:08</td> <td>MH3CX_b4abe6b0-a93a-4149-</td> <td></td> </tr> <tr> <td>14.47</td> <td>F01</td> <td></td> <td>DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:02:25</td> <td></td> <td>2</td> </tr> <tr> <td>14.47</td> <td>F02</td> <td></td> <td>DEX</td> <td>Settled deposits, other, 10% cross-sectional area loss, finish</td> <td>00:02:25</td> <td></td> <td>3</td> </tr> <tr> <td>14.48</td> <td>MHF</td> <td></td> <td></td> <td>Finish node, manhole, reference: MH3</td> <td>00:02:25</td> <td>20230601-071643-sn</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ap0001.jpg</td> <td></td> </tr> </table> </div>								0.00	WL	0.00	DEZ	Water level, 0% of the vertical dimension	00:00:00			0.00	MH			Start node, manhole, reference: MH3C	00:00:00	20230601-071643-sn		0.00	S01		DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01	ap0000.jpg		2.51	WL			Water level, 15% of the vertical dimension	00:00:32			2.51	S02		DEX	Settled deposits, other, 10% cross-sectional area loss, start	00:00:32	MH3CX_e89050da-463d-43ac-		6.80	WL			Water level, 15% of the vertical dimension	00:01:20	MH3CX_911989df-6b49-4acc-a		11.25	WL			Water level, 15% of the vertical dimension	00:01:53	MH3CX_6cdb236a-ef30-4b73-8		13.53	CUW			Loss of vision, camera under water	00:02:08	MH3CX_b4abe6b0-a93a-4149-		14.47	F01		DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:02:25		2	14.47	F02		DEX	Settled deposits, other, 10% cross-sectional area loss, finish	00:02:25		3	14.48	MHF			Finish node, manhole, reference: MH3	00:02:25	20230601-071643-sn								ap0001.jpg	
0.00	WL	0.00	DEZ	Water level, 0% of the vertical dimension	00:00:00																																																																																																		
0.00	MH			Start node, manhole, reference: MH3C	00:00:00	20230601-071643-sn																																																																																																	
0.00	S01		DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01	ap0000.jpg																																																																																																	
2.51	WL			Water level, 15% of the vertical dimension	00:00:32																																																																																																		
2.51	S02		DEX	Settled deposits, other, 10% cross-sectional area loss, start	00:00:32	MH3CX_e89050da-463d-43ac-																																																																																																	
6.80	WL			Water level, 15% of the vertical dimension	00:01:20	MH3CX_911989df-6b49-4acc-a																																																																																																	
11.25	WL			Water level, 15% of the vertical dimension	00:01:53	MH3CX_6cdb236a-ef30-4b73-8																																																																																																	
13.53	CUW			Loss of vision, camera under water	00:02:08	MH3CX_b4abe6b0-a93a-4149-																																																																																																	
14.47	F01		DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:02:25		2																																																																																																
14.47	F02		DEX	Settled deposits, other, 10% cross-sectional area loss, finish	00:02:25		3																																																																																																
14.48	MHF			Finish node, manhole, reference: MH3	00:02:25	20230601-071643-sn																																																																																																	
						ap0001.jpg																																																																																																	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	3.0	2.7	39.0	4.0

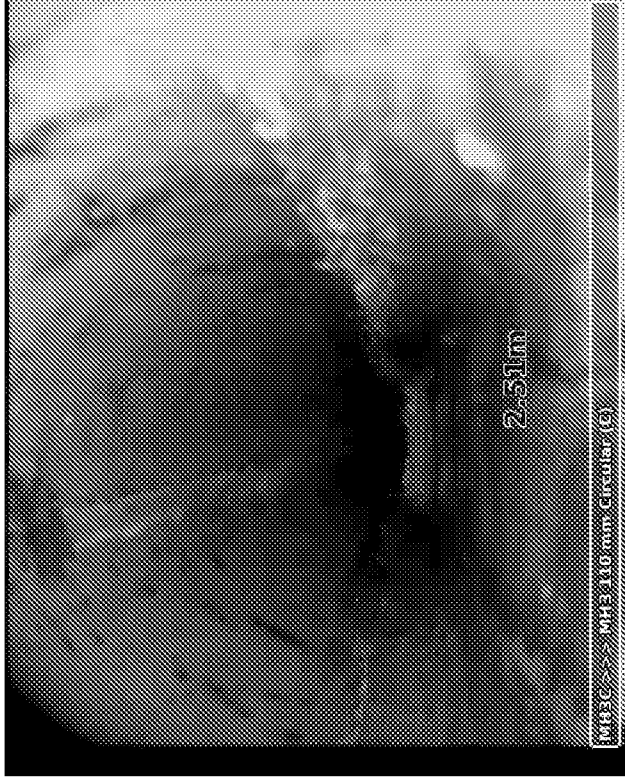


Section Pictures - 01/06/2023 - MH3CX

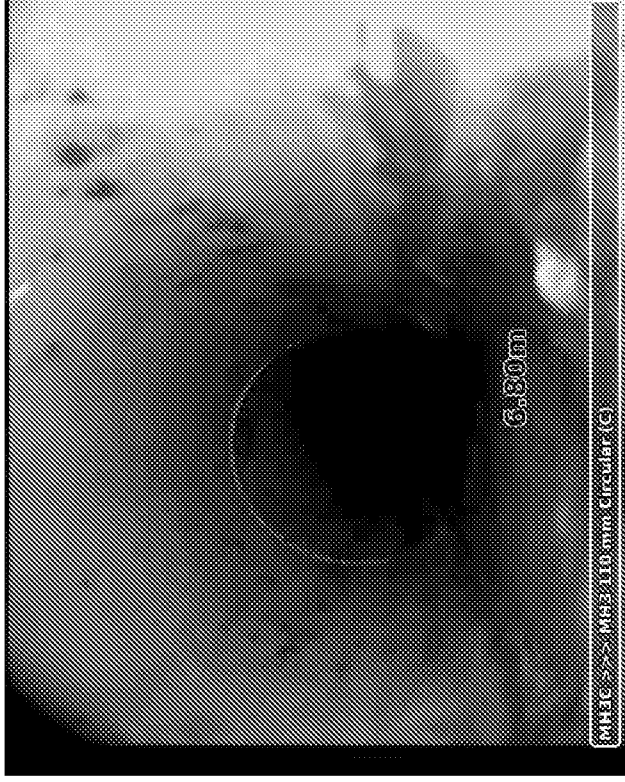
Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2JX	01/06/2023	07:16	Push cam	Van pack	LEWIS	01		14



MH3CX_ 20230601-071643-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH3C



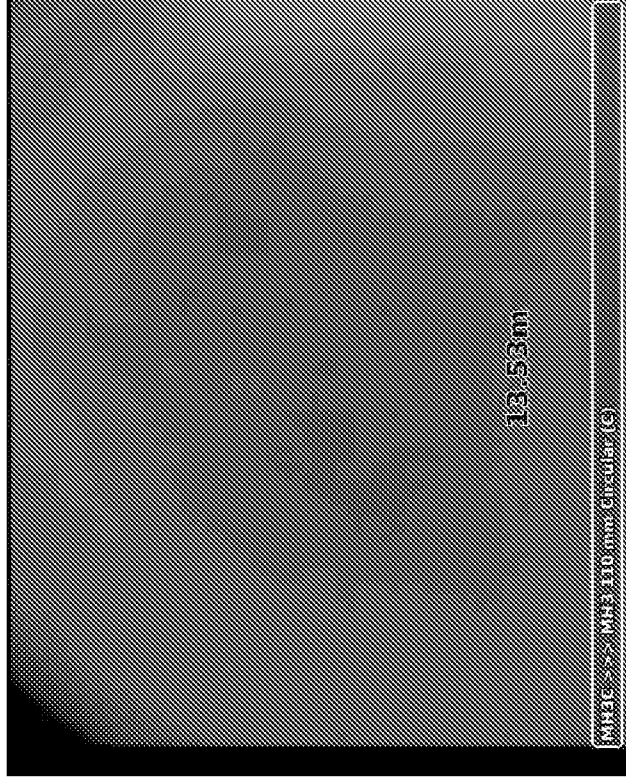
MH3CX_ e89050da-463d-43ac-b151-6839cdfc3b43_20230614_095333_169.jpg, 00:00:32, 2.51 m
Settled deposits, other, 10% cross-sectional area loss, start



MH3CX_ 911989df-6b49-4acc-ffc-a76358a5d5a4_20230614_095342_548.jpg, 00:01:20, 6.80 m
Water level, 15% of the vertical dimension



MH3CX_ 6cdb236a-ef30-4b73-8c6d-487690fd5e4_20230614_095354_261.jpg, 00:01:53, 11.25 m
Water level, 15% of the vertical dimension



MH3CX_ b4abe6b0-a93a-4149-9b1a-79f2151d9ded_20230614_095409_114.jpg, 00:02:08, 13.53 m
Loss of vision, camera under water



20230601-071643-snap0001.jpg, 00:02:25, 14.48 m
Finish node, manhole, reference: MH3



Section Inspection - 01/06/2023 - MH3DX

Item No. 15	Insp. No. 1	Date 01/06/23	Time 7:21	Client's Job Ref 01	Weather No Rain Or Snow	Pre Cleaned No	PLR MH3DX
Operator LEWIS		Vehicle Van pack		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Upstream	Upstream Node:	MH3D
Road:	192 Hawthorn Road	Inspected Length:	3.04 m	Upstream Pipe Depth:	0.000 m
Location:	Other(state in comments)	Total Length:	3.04 m	Downstream Node:	MH3E
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.230 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	110 mm		
Flow Control:	Other (state in remarks)	Pipe Material:	Polyvinyl chloride		
Year Constructed:	1900	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition	Lining Material:	No Lining		
Comments:	Unable to open MH3D due to screws being seized - Hole noted @ 1 o'clock				
Recommendations:	Drill out screws to allow access / Install 1x 100mm Patch Liner to seal broken pipe				

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node, manhole, reference: MH3E</td> <td style="width: 10%;">00:00:00</td> <td style="width: 10%;">20230601-072359-sn ap0000.jpg</td> <td style="width: 10%;"></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td></td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td>0.00</td> <td>S01</td> <td>DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start</td> <td>00:00:01</td> <td></td> <td></td> </tr> <tr> <td>0.20</td> <td></td> <td>H</td> <td>Hole in drain or sewer at 1 o'clock</td> <td>00:00:03</td> <td>MH3DX_1 2079f60-ee ef-47b3-9e</td> <td>4</td> </tr> <tr> <td>1.67</td> <td></td> <td>GP</td> <td>General photograph taken at this point</td> <td>00:00:15</td> <td>MH3DX_4 e935501-9 36e-4310-</td> <td></td> </tr> <tr> <td>3.03</td> <td>F01</td> <td>DEZ</td> <td>Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish</td> <td>00:00:09</td> <td></td> <td>2</td> </tr> <tr> <td>3.04</td> <td></td> <td>MHF</td> <td>Finish node, manhole, reference: MH3D</td> <td>00:00:22</td> <td>20230601-072359-sn ap0001.jpg</td> <td></td> </tr> </table> </div>								0.00	MH	MH	Start node, manhole, reference: MH3E	00:00:00	20230601-072359-sn ap0000.jpg		0.00	WL		Water level, 0% of the vertical dimension	00:00:00			0.00	S01	DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01			0.20		H	Hole in drain or sewer at 1 o'clock	00:00:03	MH3DX_1 2079f60-ee ef-47b3-9e	4	1.67		GP	General photograph taken at this point	00:00:15	MH3DX_4 e935501-9 36e-4310-		3.03	F01	DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:09		2	3.04		MHF	Finish node, manhole, reference: MH3D	00:00:22	20230601-072359-sn ap0001.jpg	
0.00	MH	MH	Start node, manhole, reference: MH3E	00:00:00	20230601-072359-sn ap0000.jpg																																																			
0.00	WL		Water level, 0% of the vertical dimension	00:00:00																																																				
0.00	S01	DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, start	00:00:01																																																				
0.20		H	Hole in drain or sewer at 1 o'clock	00:00:03	MH3DX_1 2079f60-ee ef-47b3-9e	4																																																		
1.67		GP	General photograph taken at this point	00:00:15	MH3DX_4 e935501-9 36e-4310-																																																			
3.03	F01	DEZ	Attached deposits, other from 12 o'clock to 12 o'clock, 5% cross-sectional area loss, finish	00:00:09		2																																																		
3.04		MHF	Finish node, manhole, reference: MH3D	00:00:22	20230601-072359-sn ap0001.jpg																																																			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	80.0	26.3	80.0	4.0	1	1.0	1.3	4.0	3.0



Section Pictures - 01/06/2023 - MH3DX

Project Name	Date	Time	Camera	Vehicle	Operator	Client's Job Ref	Contractor's Job Ref	Item No.
192HawthornRoad_BognorRegis_PO21_2UX	01/06/2023	07:21	Push cam	Van pack	LEWIS	01		15



20230601-072359-snap0000.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: MH3E



MH3DX_12079f60-eeef-47b3-9e33-27eedd567b02_20230615_143944_949.jpg, 00:00:03, 0.20 m
Hole in drain or sewer at 1 o'clock



MH3DX_4e935501-936e-4310-9a34-9235674be784_20230614_095833_632.jpg, 00:00:15, 1.67 m
General photograph taken at this point



20230601-072359-snap0001.jpg, 00:00:22, 3.04 m
Finish node, manhole, reference: MH3D

