



Project

Project Name: EXAMPLE, PROPERTY NAME AND ADDRESS
Project Description: Condition and Connectivity
Project Date: 18/07/2019
Project Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)



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Project Name	Project Number	Project Date
EXAMPLE, PROPERTY NAME AND ADDRESS		18/07/2019

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Project Information

Project Name	Project Number	Project Date
EXAMPLE, PROPERTY NAME AND ADDRESS		18/07/2019

Site

Street: EXAMPLE
Town or City: EXAMPLE
County: EXAMPLE
Post Code: EXAMPLE

Contractor

Company: The Drain Guys Ltd
Department: Oddstones
Street: Codmore Hill
Town or City: Pulborough
Post Code: RH20 1FS
Phone: 07703193746
Email: info@thedrainguys.co.uk



Project Information

Project Name	Project Number	Project Date
EXAMPLE, PROPERTY NAME AND ADDRESS		18/07/2019

Project Summary

The survey was carried out to ascertain condition and connectivity.

The surveyed pipework consists of 100mm Vitrified Clayware.

The survey becomes a shared system at MH3.

The subject pipework has typical defects, the defects observed are not causing blockage points at present but remedial works should be undertaken to prevent further deterioration and/or further defects occurring as water will leak from the existing pipework and underwash the pipework causing voids and unstable sub soil allowing ground weight to force the pipework downwards, blockages will become frequent and eventual pipework collapse may/will occur.

The defects observed can be repaired with the installation of part length and full-length structural liners, the liners are watertight, seamless and joint less and therefore cease any egress and ingress of water etc., and improve flow characteristics, the liners are structural and therefore return structural integrity to subject pipework. The installation of full-length structural liners greatly reduces disruption to site and cost of repair.

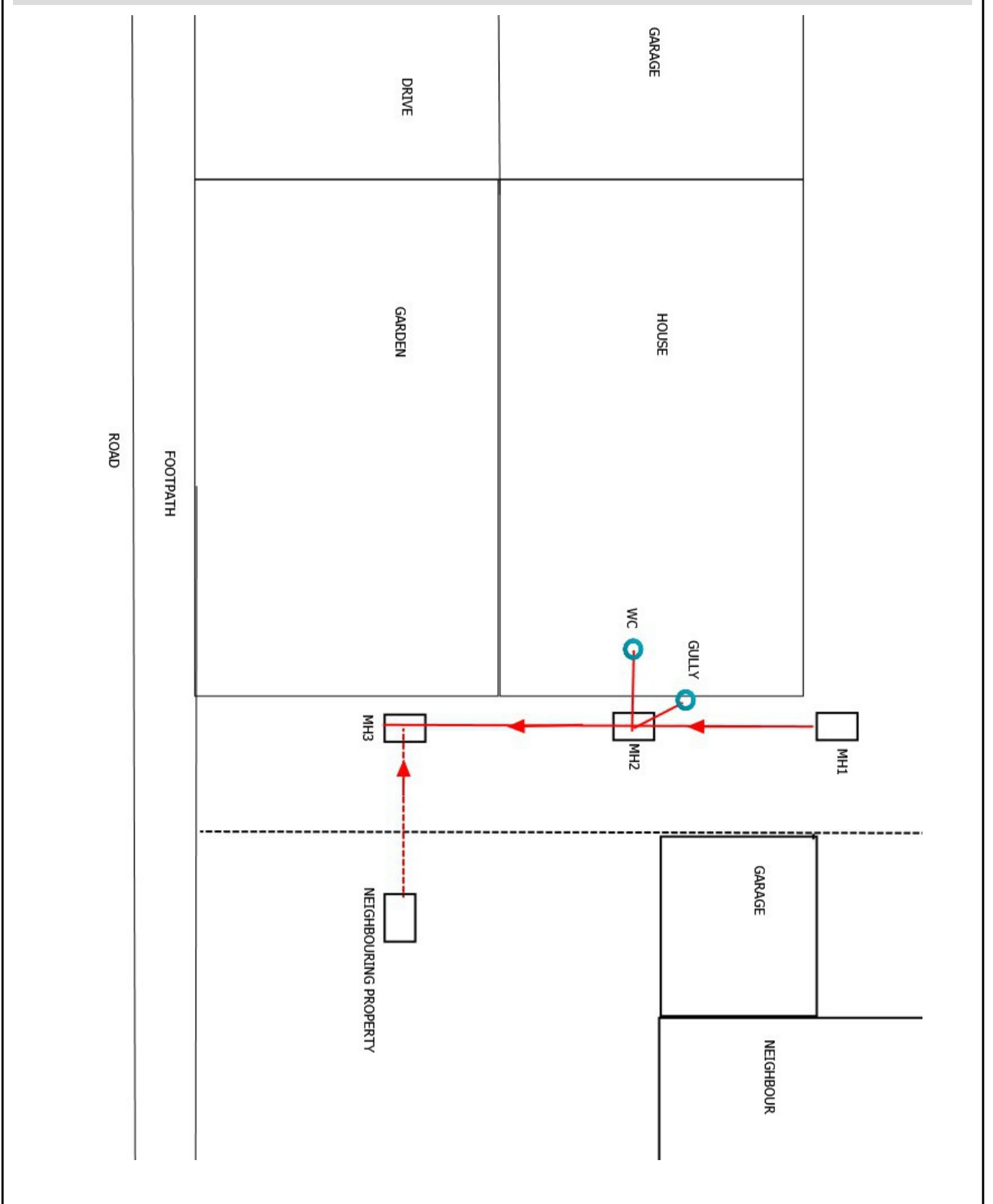
The survey has also shown that horse hair pipe sleeving has been used. The sleeving is intruding the pipework serving the WC resulting in a cross sectional loss of up to 30%. The horse hair should be removed to prevent future blockages.



Project Information

Project Name EXAMPLE, PROPERTY NAME AND ADDRESS	Project Number	Project Date 18/07/2019
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Project Drawing





Section Inspection - 18/07/2019 - MH1X

Section 1	Inspection 1	Date 18/07/19	Time 9:00	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Yes	PLR MH1X
Operator MARTIN SHAW		Vehicle VAN PACK		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	West Chiltington	Inspection Direction:	Upstream	Upstream Node:	MH1
Road:	The Martlets	Inspected Length:	6.74 m	Upstream Pipe Depth:	1.000 m
Location:	Property with buildings	Total Length:	6.74 m	Downstream Node:	MH2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay pipe		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition of a sewer system	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:59	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																						
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: m</p> <p style="text-align: center;">MH2</p> <p style="text-align: center;">MH1 Depth: 1.00 m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% of the vertical dimension</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>MH</td> <td>Start node type, manhole, reference number: MH2</td> <td></td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.65</td> <td>CC</td> <td>Crack, circumferential from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:16</td> <td>MH1X_02 ace76e-24 f9-408b-a6</td> <td>2 / 2</td> </tr> <tr> <td style="text-align: right;">1.35</td> <td>CC</td> <td>Crack, circumferential from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:21</td> <td>MH1X_afb a63a8-869 4-4465-97</td> <td>2 / 2</td> </tr> <tr> <td style="text-align: right;">1.99</td> <td>CC</td> <td>Crack, circumferential from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:29</td> <td></td> <td>2 / 2</td> </tr> <tr> <td style="text-align: right;">3.23</td> <td>CC</td> <td>Crack, circumferential from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:36</td> <td></td> <td>2 / 2</td> </tr> <tr> <td style="text-align: right;">5.58</td> <td>S01</td> <td>RF</td> <td>Roots, fine, start</td> <td>00:00:49</td> <td>MH1X_2a 3f063b-ce 7e-4211-8</td> <td></td> </tr> <tr> <td style="text-align: right;">5.77</td> <td>CC</td> <td>Crack, circumferential from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:52</td> <td></td> <td>2 / 2</td> </tr> <tr> <td style="text-align: right;">6.37</td> <td>F01</td> <td>RF</td> <td>Roots, fine, finish</td> <td>00:00:56</td> <td></td> <td>2</td> </tr> <tr> <td style="text-align: right;">6.74</td> <td>MHF</td> <td>Finish node type, manhole, reference number: MH1</td> <td></td> <td>00:00:00</td> <td>MH1X_68 8e7929-c1 32-4a3d-9f</td> <td></td> </tr> </table> </div>								0.00	WL	Water level, 5% of the vertical dimension					0.00	MH	Start node type, manhole, reference number: MH2		00:00:00			0.65	CC	Crack, circumferential from 12 o'clock to 12 o'clock		00:00:16	MH1X_02 ace76e-24 f9-408b-a6	2 / 2	1.35	CC	Crack, circumferential from 12 o'clock to 12 o'clock		00:00:21	MH1X_afb a63a8-869 4-4465-97	2 / 2	1.99	CC	Crack, circumferential from 12 o'clock to 12 o'clock		00:00:29		2 / 2	3.23	CC	Crack, circumferential from 12 o'clock to 12 o'clock		00:00:36		2 / 2	5.58	S01	RF	Roots, fine, start	00:00:49	MH1X_2a 3f063b-ce 7e-4211-8		5.77	CC	Crack, circumferential from 12 o'clock to 12 o'clock		00:00:52		2 / 2	6.37	F01	RF	Roots, fine, finish	00:00:56		2	6.74	MHF	Finish node type, manhole, reference number: MH1		00:00:00	MH1X_68 8e7929-c1 32-4a3d-9f	
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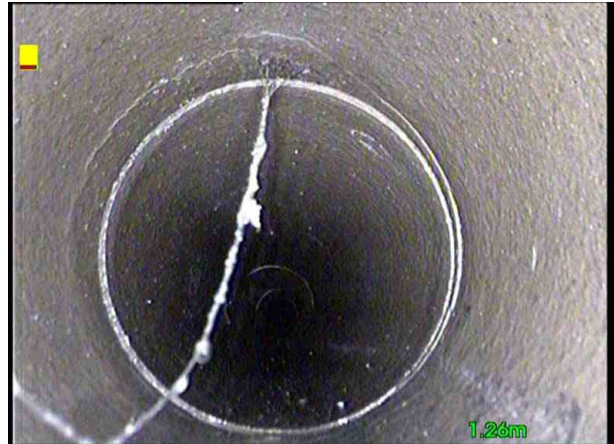
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
5	10.0	7.4	50.0	2.0	6	2.0	0.9	6.0	2.0

Section Pictures - 18/07/2019 - MH1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH1X		



MH1X_02ace76e-24f9-408b-a62d-7bff35a29c37_20190719_090353_612.jpg, 00:00:16, 0.65 m
 Crack, circumferential from 12 o'clock to 12 o'clock



MH1X_afba63a8-8694-4465-9743-b969a1dd4529_20190719_090416_272.jpg, 00:00:21, 1.35 m
 Crack, circumferential from 12 o'clock to 12 o'clock



MH1X_2a3f063b-ce7e-4211-8c1e-818aead97839_20190719_090618_887.jpg, 00:00:49, 5.58 m
 Roots, fine, start



MH1X_688e7929-c132-4a3d-9f6a-1c4287db6ddd_20190719_090729_862.jpg, 00:00:00, 6.74 m
 Finish node type, manhole, reference number: MH1



Section Inspection - 18/07/2019 - MH2X

Section 2	Inspection 2	Date 18/07/19	Time 9:07	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Yes	PLR MH2X
Operator MARTIN SHAW		Vehicle VAN PACK		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	West Chiltington	Inspection Direction:	Downstream	Upstream Node:	MH2
Road:	The Martlets	Inspected Length:	9.00 m	Upstream Pipe Depth:	1.000 m
Location:	Property with buildings	Total Length:	9.00 m	Downstream Node:	MH3
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay pipe		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition of a sewer system	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:79	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																													
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 1.00 m MH2</p> <p style="text-align: center;">MH3 Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 10px;"> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% of the vertical dimension</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>MH</td> <td>Start node type, manhole, reference number: MH2</td> <td></td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.05</td> <td>CM</td> <td>Cracks, multiple from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:13</td> <td>MH2X_d1f 88f49-95b 6-4301-a0</td> <td>3 / 2</td> </tr> <tr> <td style="text-align: right;">2.78</td> <td>JDM</td> <td>Joint displaced, medium</td> <td></td> <td>00:00:22</td> <td>MH2X_9e 4c6c1b-8d 0a-40b1-b</td> <td>1 / 3</td> </tr> <tr> <td style="text-align: right;">3.27</td> <td>JN</td> <td>Junction at 12 o'clock, diameter: 100mm</td> <td></td> <td>00:00:24</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">4.35</td> <td>JDM</td> <td>Joint displaced, medium</td> <td></td> <td>00:00:29</td> <td>MH2X_2c8 affc0-4bb9 -47ff-85b6-</td> <td>1 / 3</td> </tr> <tr> <td style="text-align: right;">7.41</td> <td>CM</td> <td>Cracks, multiple from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:42</td> <td>MH2X_1e 8c07a4-11 96-4862-9</td> <td>3 / 2</td> </tr> <tr> <td style="text-align: right;">8.11</td> <td>FM</td> <td>Fractures, multiple from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:46</td> <td>MH2X_0cb 3d7ea-633 a-47b0-97</td> <td>4 / 2</td> </tr> <tr> <td style="text-align: right;">8.42</td> <td>JN</td> <td>Junction at 6 o'clock, diameter: 150mm: BACKDROP</td> <td></td> <td>00:00:51</td> <td>MH2X_9a 43973b-9c d2-4c72-a</td> <td></td> </tr> <tr> <td style="text-align: right;">8.76</td> <td>CC</td> <td>Crack, circumferential from 12 o'clock to 12 o'clock</td> <td></td> <td>00:00:55</td> <td></td> <td>2 / 2</td> </tr> <tr> <td style="text-align: right;">9.00</td> <td>MHF</td> <td>Finish node type, manhole, reference number: MH3</td> <td></td> <td>00:00:00</td> <td></td> <td></td> </tr> </table> </div>								0.00	WL	Water level, 5% of the vertical dimension					0.00	MH	Start node type, manhole, reference number: MH2		00:00:00			1.05	CM	Cracks, multiple from 12 o'clock to 12 o'clock		00:00:13	MH2X_d1f 88f49-95b 6-4301-a0	3 / 2	2.78	JDM	Joint displaced, medium		00:00:22	MH2X_9e 4c6c1b-8d 0a-40b1-b	1 / 3	3.27	JN	Junction at 12 o'clock, diameter: 100mm		00:00:24			4.35	JDM	Joint displaced, medium		00:00:29	MH2X_2c8 affc0-4bb9 -47ff-85b6-	1 / 3	7.41	CM	Cracks, multiple from 12 o'clock to 12 o'clock		00:00:42	MH2X_1e 8c07a4-11 96-4862-9	3 / 2	8.11	FM	Fractures, multiple from 12 o'clock to 12 o'clock		00:00:46	MH2X_0cb 3d7ea-633 a-47b0-97	4 / 2	8.42	JN	Junction at 6 o'clock, diameter: 150mm: BACKDROP		00:00:51	MH2X_9a 43973b-9c d2-4c72-a		8.76	CC	Crack, circumferential from 12 o'clock to 12 o'clock		00:00:55		2 / 2	9.00	MHF	Finish node type, manhole, reference number: MH3		00:00:00		
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9.00	MHF	Finish node type, manhole, reference number: MH3		00:00:00																																																																																

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
6	120.0	19.1	172.0	4.0	6	2.0	0.9	8.0	3.0

Section Pictures - 18/07/2019 - MH2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH2X		



MH2X_d1f88f49-95b6-4301-a031-a1a0e0d241b7_20190719_090934_524.jpg, 00:00:13, 1.05 m
 Cracks, multiple from 12 o'clock to 12 o'clock



MH2X_9e4c6c1b-8d0a-40b1-b85c-89186ece19ae_20190719_091020_444.jpg, 00:00:22, 2.78 m
 Joint displaced, medium



MH2X_2c8affc0-4bb9-47ff-85b6-6fd752258e0d_20190719_091138_243.jpg, 00:00:29, 4.35 m
 Joint displaced, medium



MH2X_1e8c07a4-1196-4862-93c4-2a00363de73a_20190719_091217_436.jpg, 00:00:42, 7.41 m
 Cracks, multiple from 12 o'clock to 12 o'clock



MH2X_0cb3d7ea-633a-47b0-9714-cf7fc0eb537a_20190719_091240_738.jpg, 00:00:46, 8.11 m
 Fractures, multiple from 12 o'clock to 12 o'clock



MH2X_9a43973b-9cd2-4c72-acdc-7cb9bfae800b_20190719_091347_476.jpg, 00:00:51, 8.42 m
 Junction at 6 o'clock, diameter: 150mm, BACKDROP



Section Inspection - 18/07/2019 - GULLYX

Section 3	Inspection 3	Date 18/07/19	Time 9:14	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Yes	PLR GULLYX
Operator MARTIN SHAW		Vehicle VAN PACK		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	West Chiltington	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	The Martlets	Inspected Length:	1.00 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.00 m	Downstream Node:	MH2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	1.000 m
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:		Material:	Vitrified clay pipe	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Sample survey to determine asset condition of a sewer system				

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: 1.00 m</p> <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 5% of the vertical dimension</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: MH2</td> <td></td> <td style="text-align: center;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.12</td> <td style="text-align: center;">LU</td> <td>Line deviates up</td> <td></td> <td style="text-align: center;">00:00:07</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.13</td> <td style="text-align: center;">LR</td> <td>Line deviates right</td> <td></td> <td style="text-align: center;">00:00:07</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.28</td> <td style="text-align: center;">FC</td> <td>Fracture, circumferential from 2 o'clock to 8 o'clock</td> <td></td> <td style="text-align: center;">00:00:08</td> <td></td> <td style="text-align: center;">3 / 2</td> </tr> <tr> <td style="text-align: center;">0.28</td> <td style="text-align: center;">JDM</td> <td>Joint displaced, medium</td> <td></td> <td style="text-align: center;">00:00:08</td> <td style="text-align: center;">GULLYX_ ea12e868- f5db-475e-</td> <td style="text-align: center;">1 / 3</td> </tr> <tr> <td style="text-align: center;">1.00</td> <td style="text-align: center;">GYF</td> <td>Finish node type, gully, reference number: GULLY</td> <td></td> <td style="text-align: center;">00:00:15</td> <td></td> <td></td> </tr> </table> </div>								0.00	WL	Water level, 5% of the vertical dimension					0.00	MH	Start node type, manhole, reference number: MH2		00:00:00			0.12	LU	Line deviates up		00:00:07			0.13	LR	Line deviates right		00:00:07			0.28	FC	Fracture, circumferential from 2 o'clock to 8 o'clock		00:00:08		3 / 2	0.28	JDM	Joint displaced, medium		00:00:08	GULLYX_ ea12e868- f5db-475e-	1 / 3	1.00	GYF	Finish node type, gully, reference number: GULLY		00:00:15		
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1.00	GYF	Finish node type, gully, reference number: GULLY		00:00:15																																																				

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	41.0	41.0	41.0	3.0	2	3.0	3.0	3.0	3.0



Section Pictures - 18/07/2019 - GULLYX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	GULLYX		



GULLYX_ea12e868-f5db-475e-aeac-0d1df9fea055_20190719_091651_803.jpg, 00:00:08, 0.28 m
Joint displaced, medium



Section Inspection - 18/07/2019 - WCX

Section 4	Inspection 4	Date 18/07/19	Time 9:17	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Yes	PLR WCX
Operator MARTIN SHAW		Vehicle VAN PACK		Camera Push Cam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	West Chiltington	Inspection Direction:	Upstream	Upstream Node:	WC
Road:	The Martlets	Inspected Length:	1.14 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.14 m	Downstream Node:	MH2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	1.000 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay pipe		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition of a sewer system	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																						
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: 1.00 m</p> <p style="text-align: center;">MH2</p> <p style="text-align: center;">WC</p> <p style="text-align: center;">Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 10px;"> <tr> <td style="width: 15%;">0.00</td> <td style="width: 10%;">WL</td> <td style="width: 45%;">Water level, 5% of the vertical dimension</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td style="color: blue;">0.00</td> <td style="color: blue;">MH</td> <td style="color: blue;">Start node type, manhole, reference number: MH2</td> <td style="color: blue;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="color: red;">0.09</td> <td style="color: red;">JDM</td> <td style="color: red;">Joint displaced, medium</td> <td style="color: red;">00:00:06</td> <td style="color: red;">WCX_db6 3b882-4ab a-429c-9ff</td> <td style="color: red;">1 / 3</td> </tr> <tr> <td style="color: green;">0.44</td> <td style="color: green;">S01</td> <td style="color: green;">OBJ Other obstacles, other object in invert at joint from 4 o'clock to 9 o'clock, 25% cross-sectional area loss, start: HORSE HAIR PIPE SURROUND</td> <td style="color: green;">00:00:10</td> <td style="color: green;">WCX_103 231f6-ffab- 4e4a-bacb</td> <td></td> </tr> <tr> <td style="color: green;">0.72</td> <td style="color: green;">F01</td> <td style="color: green;">OBJ Other obstacles, other object in invert at joint from 4 o'clock to 9 o'clock, 25% cross-sectional area loss, finish: HORSE HAIR PIPE SURROUND</td> <td style="color: green;">00:00:15</td> <td></td> <td style="color: green;">5</td> </tr> <tr> <td style="color: green;">0.73</td> <td style="color: green;">S02</td> <td style="color: green;">OBJ Other obstacles, other object in invert at joint from 12 o'clock to 12 o'clock, 40% cross-sectional area loss, start: HORSE HAIR PIPE SURROUND</td> <td style="color: green;">00:00:15</td> <td style="color: green;">WCX_ea5 1cb9a-adf 6-4fb3-9f3</td> <td></td> </tr> <tr> <td style="color: green;">0.75</td> <td style="color: green;">LU</td> <td style="color: green;">Line deviates up</td> <td style="color: green;">00:00:22</td> <td></td> <td></td> </tr> <tr> <td style="color: green;">1.14</td> <td style="color: green;">F02</td> <td style="color: green;">OBJ Other obstacles, other object in invert at joint from 12 o'clock to 12 o'clock, 40% cross-sectional area loss, finish: HORSE HAIR PIPE SURROUND</td> <td style="color: green;">00:00:24</td> <td></td> <td style="color: green;">5</td> </tr> <tr> <td style="color: blue;">1.14</td> <td style="color: blue;">OCF</td> <td style="color: blue;">Finish node type, other special chamber, reference number: WC: HORSE HAIR WITHING PIPEWORK</td> <td style="color: blue;">00:00:24</td> <td></td> <td></td> </tr> </table> </div>							0.00	WL	Water level, 5% of the vertical dimension				0.00	MH	Start node type, manhole, reference number: MH2	00:00:00			0.09	JDM	Joint displaced, medium	00:00:06	WCX_db6 3b882-4ab a-429c-9ff	1 / 3	0.44	S01	OBJ Other obstacles, other object in invert at joint from 4 o'clock to 9 o'clock, 25% cross-sectional area loss, start: HORSE HAIR PIPE SURROUND	00:00:10	WCX_103 231f6-ffab- 4e4a-bacb		0.72	F01	OBJ Other obstacles, other object in invert at joint from 4 o'clock to 9 o'clock, 25% cross-sectional area loss, finish: HORSE HAIR PIPE SURROUND	00:00:15		5	0.73	S02	OBJ Other obstacles, other object in invert at joint from 12 o'clock to 12 o'clock, 40% cross-sectional area loss, start: HORSE HAIR PIPE SURROUND	00:00:15	WCX_ea5 1cb9a-adf 6-4fb3-9f3		0.75	LU	Line deviates up	00:00:22			1.14	F02	OBJ Other obstacles, other object in invert at joint from 12 o'clock to 12 o'clock, 40% cross-sectional area loss, finish: HORSE HAIR PIPE SURROUND	00:00:24		5	1.14	OCF	Finish node type, other special chamber, reference number: WC: HORSE HAIR WITHING PIPEWORK	00:00:24		
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Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.9	1.0	1.0	3	20.0	19.3	22.0	5.0

Section Pictures - 18/07/2019 - WCX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	WCX		



WCX_db63b882-4aba-429c-9ff7-fb83d9a492a5_20190719_091904_894.jpg, 00:00:06, 0.09 m
 Joint displaced, medium



WCX_c514130f-8838-4540-ab91-79de0b5f209d_20190719_091915_100.jpg, 00:00:06, 0.09 m
 Joint displaced, medium



WCX_103231f6-ffab-4e4a-bacb-05face603c94_20190719_092045_737.jpg, 00:00:10, 0.44 m
 Other obstacles, other object in invert at joint from 4 o'clock to



WCX_c872ec96-1e5d-438a-8b45-e22b98e4de62_20190719_092051_635.jpg, 00:00:10, 0.44 m
 Other obstacles, other object in invert at joint from 4 o'clock to



WCX_ea51cb9a-adf6-4fb3-9f3d-a36a19991198_20190719_092201_694.jpg, 00:00:15, 0.73 m
 Other obstacles, other object in invert at joint from 12 o'clock to