

**Project**

Project Name: 2020-09-14309 Campbell Reith Whitworth High School Hall Fold Whitworth

Project Date: 04/11/2020

Inspection Standard: MSCC4 Sewers & Drainage GB (SRM4 Scoring)

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2020-09-14309 Campbell Reith Whitworth High School Hall Fold		04/11/2020

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Project Information

Project Name	Project Number	Project Date
2020-09-14309 Campbell Reith Whitworth High School Hall Fold		04/11/2020

Site

Department: Whitworth High School
County: OL12 8TS

Contractor

Company: Drain Doctor
Phone: 08000 266623

Section Inspection - 05/11/2020 - USX

Section 1	Inspection 2	Date 05/11/20	Time 9:44	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	35.80 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	35.80 m	Downstream Node:	S32
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

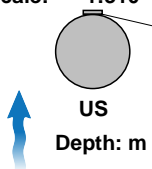
Comments:
Recommendations:

Scale:	1:310	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		S32					
		0.00	MH	Start node type, manhole, reference number: S32	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:09		
		0.04	LR	Line deviates right	00:00:10		
		1.65	OJM	Open joint, medium	00:00:21	USX_e465 2b06-f726- 4408-8d5c	1
		1.76	JN	Junction at 2 o'clock, diameter: 150mm	00:00:22		
		4.06	JN	Junction at 2 o'clock, diameter: 150mm	00:00:29		
		11.42	JXD	Defective junction, damaged at 1 o'clock, diameter: 150mm: Deposits	00:00:52		
		15.26	WL	Water level, 0% of the vertical dimension	00:01:03		
		21.28	WL	Water level, 15% of the vertical dimension	00:01:19		
		21.38	JN	Junction at 2 o'clock, diameter: 150mm	00:01:19		
		26.42	JXD	Defective junction, damaged at 2 o'clock, diameter: 150mm: unknown blockage	00:01:32		
		27.50	WL	Water level, 5% of the vertical dimension	00:01:42		
		32.22	JN	Junction at 3 o'clock, diameter: 150mm	00:02:15		
		34.36	LR	Line deviates right	00:02:27		
		35.47	SC	Size changes, new size(s), 100mm high	00:02:32		

Section Inspection - 05/11/2020 - USX

Section 1	Inspection 2	Date 05/11/20	Time 9:44	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Scale: 1:310	Position [m] 35.80	Code OCF	Observation Finish node type, other special chamber, reference number: US: End of Line	MPEG 00:02:44	Photo	Grade
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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	0.0	1.0	1.0	1	1.0	0.0	1.0	2.0

Section Pictures - 05/11/2020 - USX

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



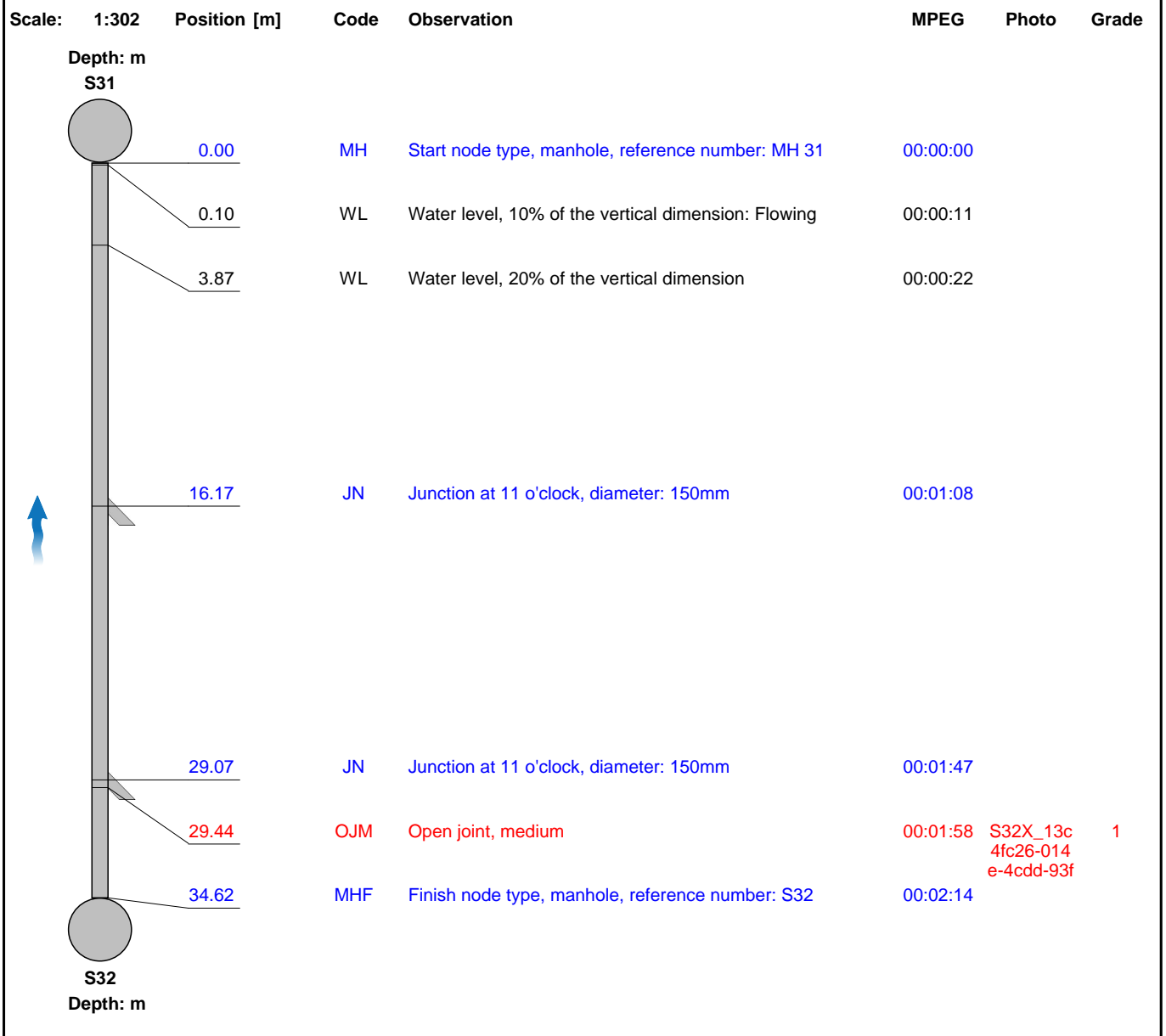
USX_e4652b06-f726-4408-8d5c-c6ae3c572580_20201105_1
02722_947.jpg, 00:00:21, 1.65 m
Open joint, medium

Section Inspection - 05/11/2020 - S32X

Section 2	Inspection 3	Date 05/11/20	Time 11:11	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S32X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	S32
Road:	Whitworth Community School, Hall Fold	Inspected Length:	34.62 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	34.62 m	Downstream Node:	S31
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



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

Section Pictures - 05/11/2020 - S32X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	S32X		



S32X_13c4fc26-014e-4cdd-93fd-172d1cec2aa2_20201105_1
24231_289.jpg, 00:01:58, 29.44 m
Open joint, medium

Section Inspection - 10/11/2020 - End O LineX

Section 3	Inspection 58	Date 10/11/20	Time 11:40	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR END O LINEX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	END O LINE
Road:	Whitworth Community School, Hall Fold	Inspected Length:	4.94 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	4.94 m	Downstream Node:	S30 B2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>S30 B2</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: S30 B2</td> <td style="width: 10%; text-align: center;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.05</td> <td style="text-align: center;">LL</td> <td>Line deviates left</td> <td style="text-align: center;">00:00:09</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">4.94</td> <td style="text-align: center;">OCF</td> <td>Finish node type, other special chamber, reference number: End Of Line</td> <td style="text-align: center;">00:00:25</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S30 B2	00:00:00				0.00	WL	Water level, 0% of the vertical dimension	00:00:00				0.05	LL	Line deviates left	00:00:09				4.94	OCF	Finish node type, other special chamber, reference number: End Of Line	00:00:25			
0.00	MH	Start node type, manhole, reference number: S30 B2	00:00:00																																
0.00	WL	Water level, 0% of the vertical dimension	00:00:00																																
0.05	LL	Line deviates left	00:00:09																																
4.94	OCF	Finish node type, other special chamber, reference number: End Of Line	00:00:25																																
Construction Features				Miscellaneous Features																															
Structural Defects				Service & Operational Observations																															
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																										
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0																										

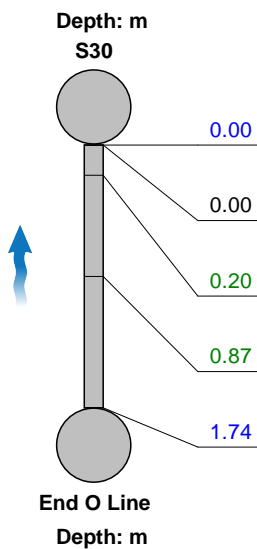
Section Inspection - 10/11/2020 - End O LineX

Section 4	Inspection 59	Date 10/11/20	Time 11:43	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR END O LINEX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	END O LINE
Road:	Whitworth Community School, Hall Fold	Inspected Length:	1.74 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.74 m	Downstream Node:	S30
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:50 Position [m] Code Observation MPEG Photo Grade



	0.00	MH	Start node type, manhole, reference number: S30	00:00:00		
	0.00	WL	Water level, 0% of the vertical dimension	00:00:05		
	0.20	LU	Line deviates up	00:00:09		
	0.87	LD	Line deviates down	00:00:11		
	1.74	OCF	Finish node type, other special chamber, reference number: End Of Line	00:00:20		

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

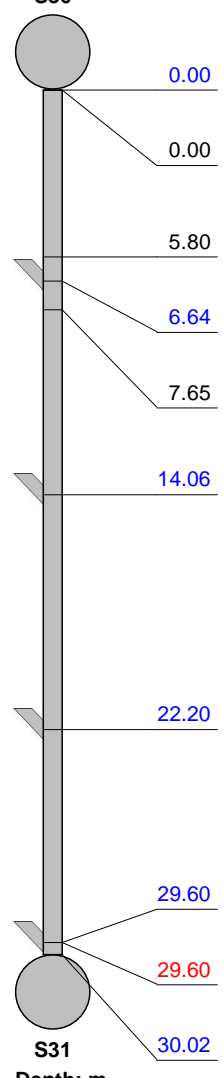
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/11/2020 - S30X

Section 5	Inspection 4	Date 05/11/20	Time 12:45	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S30X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S30
Road:	Whitworth Community School, Hall Fold	Inspected Length:	30.02 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	30.02 m	Downstream Node:	S31
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:262	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 S30</p>  <p style="text-align: center;">S31 Depth: m</p> </div> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: left;">MH</td> <td>Start node type, manhole, reference number: S30</td> <td style="text-align: right;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: left;">WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: right;">00:01:59</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.80</td> <td style="text-align: left;">WL</td> <td>Water level, 15% of the vertical dimension</td> <td style="text-align: right;">00:00:25</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">6.64</td> <td style="text-align: left;">JN</td> <td>Junction at 3 o'clock, diameter: 150mm</td> <td style="text-align: right;">00:00:30</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">7.65</td> <td style="text-align: left;">WL</td> <td>Water level, 5% of the vertical dimension</td> <td style="text-align: right;">00:00:35</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">14.06</td> <td style="text-align: left;">JN</td> <td>Junction at 1 o'clock, diameter: 150mm</td> <td style="text-align: right;">00:00:58</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">22.20</td> <td style="text-align: left;">JN</td> <td>Junction at 1 o'clock, diameter: 150mm</td> <td style="text-align: right;">00:01:26</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">29.60</td> <td style="text-align: left;">JN</td> <td>Junction at 1 o'clock, diameter: 150mm</td> <td style="text-align: right;">00:01:49</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">29.60</td> <td style="text-align: left;">CC</td> <td>Crack, circumferential from 7 o'clock to 10 o'clock</td> <td style="text-align: right;">00:01:49</td> <td>S30X_7a5 92401-48f 7-4589-8a</td> <td style="text-align: right;">2</td> </tr> <tr> <td style="text-align: right;">30.02</td> <td style="text-align: left;">MHF</td> <td>Finish node type, manhole, reference number: S31: Dropshaft</td> <td style="text-align: right;">00:01:56</td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S30	00:00:00			0.00	WL	Water level, 0% of the vertical dimension	00:01:59			5.80	WL	Water level, 15% of the vertical dimension	00:00:25			6.64	JN	Junction at 3 o'clock, diameter: 150mm	00:00:30			7.65	WL	Water level, 5% of the vertical dimension	00:00:35			14.06	JN	Junction at 1 o'clock, diameter: 150mm	00:00:58			22.20	JN	Junction at 1 o'clock, diameter: 150mm	00:01:26			29.60	JN	Junction at 1 o'clock, diameter: 150mm	00:01:49			29.60	CC	Crack, circumferential from 7 o'clock to 10 o'clock	00:01:49	S30X_7a5 92401-48f 7-4589-8a	2	30.02	MHF	Finish node type, manhole, reference number: S31: Dropshaft	00:01:56		
0.00	MH	Start node type, manhole, reference number: S30	00:00:00																																																																
0.00	WL	Water level, 0% of the vertical dimension	00:01:59																																																																
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22.20	JN	Junction at 1 o'clock, diameter: 150mm	00:01:26																																																																
29.60	JN	Junction at 1 o'clock, diameter: 150mm	00:01:49																																																																
29.60	CC	Crack, circumferential from 7 o'clock to 10 o'clock	00:01:49	S30X_7a5 92401-48f 7-4589-8a	2																																																														
30.02	MHF	Finish node type, manhole, reference number: S31: Dropshaft	00:01:56																																																																

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	10.0	0.3	10.0	2.0	0	0.0	0.0	0.0	1.0

Section Pictures - 05/11/2020 - S30X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	S30X		



S30X_7a592401-48f7-4589-8a57-108e340d1ee2_20201105_130758_212.jpg, 00:01:49, 29.60 m

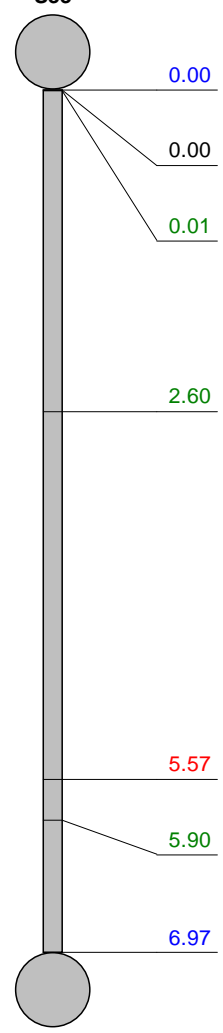
Crack, circumferential from 7 o'clock to 10 o'clock

Section Inspection - 05/11/2020 - S31X

Section 6	Inspection 7	Date 05/11/20	Time 15:23	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S31X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

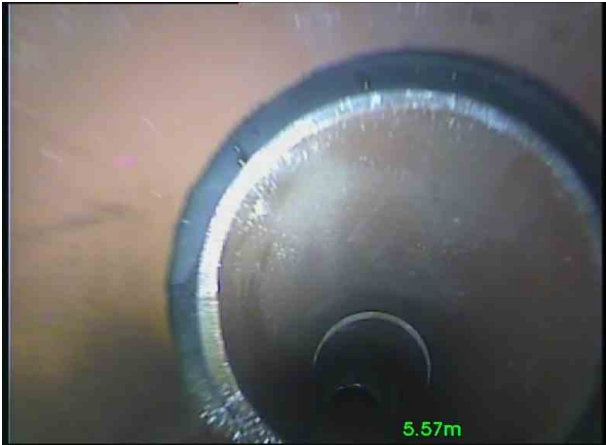
Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	S31
Road:	Whitworth Community School, Hall Fold	Inspected Length:	6.97 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	6.97 m	Downstream Node:	S33
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:61	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> Depth: m S33  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S33</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 10% of the vertical dimension: Flowing</td> <td>00:00:01</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.01</td> <td></td> <td>LD</td> <td>Line deviates down</td> <td>00:00:14</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">2.60</td> <td></td> <td>LD</td> <td>Line deviates down</td> <td>00:00:26</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.57</td> <td></td> <td>OJM</td> <td>Open joint, medium</td> <td>00:00:35</td> <td>S31X_053 63f99-1af7 -4496-aafe</td> <td>1</td> </tr> <tr> <td style="text-align: right;">5.90</td> <td></td> <td>LD</td> <td>Line deviates down</td> <td>00:00:36</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">6.97</td> <td></td> <td>MHF</td> <td>Finish node type, manhole, reference number: S31</td> <td>00:00:40</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: S33	00:00:00			0.00		WL	Water level, 10% of the vertical dimension: Flowing	00:00:01			0.01		LD	Line deviates down	00:00:14			2.60		LD	Line deviates down	00:00:26			5.57		OJM	Open joint, medium	00:00:35	S31X_053 63f99-1af7 -4496-aafe	1	5.90		LD	Line deviates down	00:00:36			6.97		MHF	Finish node type, manhole, reference number: S31	00:00:40		
0.00		MH	Start node type, manhole, reference number: S33	00:00:00																																																				
0.00		WL	Water level, 10% of the vertical dimension: Flowing	00:00:01																																																				
0.01		LD	Line deviates down	00:00:14																																																				
2.60		LD	Line deviates down	00:00:26																																																				
5.57		OJM	Open joint, medium	00:00:35	S31X_053 63f99-1af7 -4496-aafe	1																																																		
5.90		LD	Line deviates down	00:00:36																																																				
6.97		MHF	Finish node type, manhole, reference number: S31	00:00:40																																																				
Construction Features				Miscellaneous Features																																																				
Structural Defects				Service & Operational Observations																																																				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																																															
1	1.0	0.1	1.0	1.0	0	0.0	0.0	0.0	1.0																																															

Section Pictures - 05/11/2020 - S31X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	S31X		



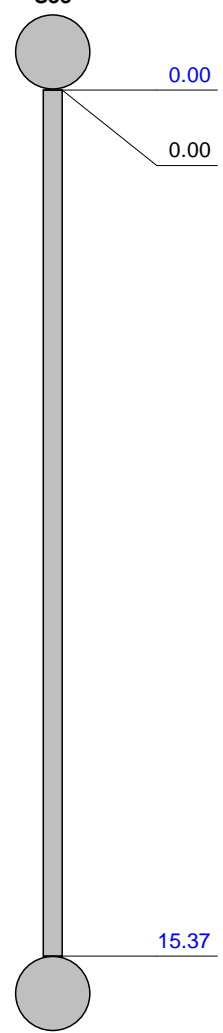
S31X_05363f99-1af7-4496-aafe-47c1ad740398_20201105_1
52546_886.jpg, 00:00:35, 5.57 m
Open joint, medium

Section Inspection - 05/11/2020 - S33X

Section 7	Inspection 8	Date 05/11/20	Time 15:26	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S33X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S33
Road:	Whitworth Community School, Hall Fold	Inspected Length:	15.37 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	15.37 m	Downstream Node:	S34
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:134	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>S33</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">0.00</td> <td style="width: 5%; text-align: center;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S33</td> <td style="width: 10%; text-align: center;">00:00:00</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% of the vertical dimension: Flowing</td> <td style="text-align: center;">00:00:08</td> </tr> <tr> <td style="text-align: center;">15.37</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: S34</td> <td style="text-align: center;">00:01:00</td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S33	00:00:00	0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:08	15.37	MHF	Finish node type, manhole, reference number: S34	00:01:00
0.00	MH	Start node type, manhole, reference number: S33	00:00:00																
0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:08																
15.37	MHF	Finish node type, manhole, reference number: S34	00:01:00																

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

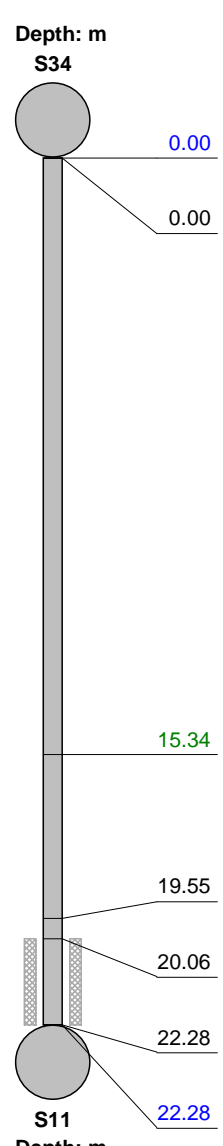
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	3	2.0	0.4	6.0	3.0

Section Inspection - 05/11/2020 - S34X

Section 8	Inspection 9	Date 05/11/20	Time 15:37	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S34X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S34
Road:	Whitworth Community School, Hall Fold	Inspected Length:	22.28 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	22.28 m	Downstream Node:	S11
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular	Dia/Height:	150 mm
Type of Pipe:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection of condition				

Comments:
Recommendations:

Scale:	1:194	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node type, manhole, reference number: S34	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension: Flowing	00:00:09		
		15.34	LD	Line deviates down	00:01:26		
		19.55	WL	Water level, 25% of the vertical dimension: Standing water	00:01:38		
		20.06	S01 CUW	Loss of vision, camera under water, start	00:01:39		
		22.28	F01 CUW	Loss of vision, camera under water, finish: still under water at MH	00:02:58		
		22.28	MHF	Finish node type, manhole, reference number: S11	00:02:59		

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

Section Inspection - 05/11/2020 - USX

Section 9	Inspection 10	Date 05/11/20	Time 15:54	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	8.00 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	8.00 m	Downstream Node:	S35
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:70	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m S35					
		0.00	MH	Start node type, manhole, reference number: S35	00:00:00		
		0.00	WL	Water level, 20% of the vertical dimension	00:00:00		
		0.01	DER	Settled deposits, coarse, 15% cross-sectional area loss	00:00:08	USX_eddd 4ecc-7660 -4389-938	3
		1.14	S01	CUW	Loss of vision, camera under water, start	00:00:16	
		8.00	F01	CUW	Loss of vision, camera under water, finish	00:00:57	
		8.00	SA	Survey abandoned: unable to pass	00:00:57		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.3	2.0	3.0

Section Pictures - 05/11/2020 - USX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	USX		



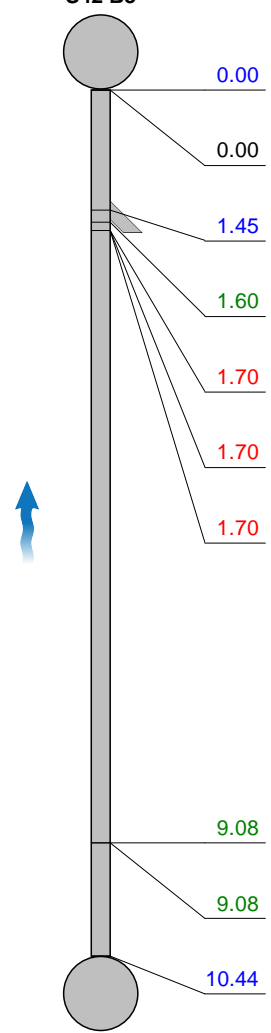
USX_eddd4ecc-7660-4389-938d-367d4dfd7d1e_20201105_1
55626_975.jpg, 00:00:08, 0.01 m
Settled deposits, coarse, 15% cross-sectional area loss

Section Inspection - 05/11/2020 - End O LineX

Section 10	Inspection 11	Date 05/11/20	Time 16:11	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR END O LINEX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	END O LINE
Road:	Whitworth Community School, Hall Fold	Inspected Length:	10.44 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	10.44 m	Downstream Node:	S42 B3
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

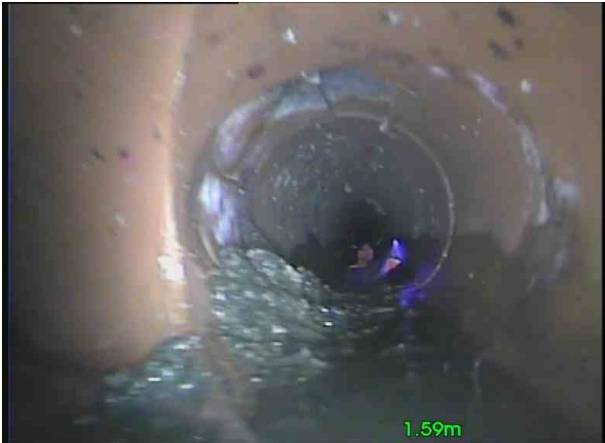
Scale:	1:91	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																						
<div style="display: flex; align-items: center;"> <div style="text-align: center; width: 15%;"> <p>Depth: m</p> <p>S42 B3</p>  <p>End O Line Depth: m</p> </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: S42 B3</td> <td style="text-align: right;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: right;">00:00:08</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.45</td> <td style="text-align: center;">JN</td> <td>Junction at 9 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:00:13</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.60</td> <td style="text-align: center;">DES</td> <td>Settled deposits, fine, 10% cross-sectional area loss</td> <td style="text-align: right;">00:00:13</td> <td style="text-align: right;">End O LineX_396 f7d95-15b</td> <td></td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: right;">1.70</td> <td style="text-align: center;">D</td> <td>Deformed drain or sewer, 5%</td> <td style="text-align: right;">00:00:14</td> <td></td> <td></td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: right;">1.70</td> <td style="text-align: center;">BJ</td> <td>Broken pipe at joint from 7 o'clock to 1 o'clock ,</td> <td style="text-align: right;">00:00:14</td> <td style="text-align: right;">End O LineX_508 b5ea3-302</td> <td></td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: right;">1.70</td> <td style="text-align: center;">HJ</td> <td>Hole in drain or sewer at a joint from 11 o'clock to 12 o'clock</td> <td style="text-align: right;">00:00:14</td> <td style="text-align: right;">End O LineX_454 53a69-058</td> <td></td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: right;">9.08</td> <td style="text-align: center;">LL</td> <td>Line deviates left</td> <td style="text-align: right;">00:00:33</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">9.08</td> <td style="text-align: center;">LU</td> <td>Line deviates up</td> <td style="text-align: right;">00:00:33</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">10.44</td> <td style="text-align: center;">OCF</td> <td>Finish node type, other special chamber, reference number: End O Line</td> <td style="text-align: right;">00:00:42</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S42 B3	00:00:00				0.00	WL	Water level, 0% of the vertical dimension	00:00:08				1.45	JN	Junction at 9 o'clock, diameter: 100mm	00:00:13				1.60	DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:13	End O LineX_396 f7d95-15b		3	1.70	D	Deformed drain or sewer, 5%	00:00:14			2	1.70	BJ	Broken pipe at joint from 7 o'clock to 1 o'clock ,	00:00:14	End O LineX_508 b5ea3-302		4	1.70	HJ	Hole in drain or sewer at a joint from 11 o'clock to 12 o'clock	00:00:14	End O LineX_454 53a69-058		4	9.08	LL	Line deviates left	00:00:33				9.08	LU	Line deviates up	00:00:33				10.44	OCF	Finish node type, other special chamber, reference number: End O Line	00:00:42			
0.00	MH	Start node type, manhole, reference number: S42 B3	00:00:00																																																																										
0.00	WL	Water level, 0% of the vertical dimension	00:00:08																																																																										
1.45	JN	Junction at 9 o'clock, diameter: 100mm	00:00:13																																																																										
1.60	DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:13	End O LineX_396 f7d95-15b		3																																																																							
1.70	D	Deformed drain or sewer, 5%	00:00:14			2																																																																							
1.70	BJ	Broken pipe at joint from 7 o'clock to 1 o'clock ,	00:00:14	End O LineX_508 b5ea3-302		4																																																																							
1.70	HJ	Hole in drain or sewer at a joint from 11 o'clock to 12 o'clock	00:00:14	End O LineX_454 53a69-058		4																																																																							
9.08	LL	Line deviates left	00:00:33																																																																										
9.08	LU	Line deviates up	00:00:33																																																																										
10.44	OCF	Finish node type, other special chamber, reference number: End O Line	00:00:42																																																																										

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
3	180.0	17.2	180.0	4.0	1	2.0	0.2	2.0	3.0

Section Pictures - 05/11/2020 - End O LineX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Upstream	END O LINEX		



End O
 LineX_396f7d95-15bd-42e3-a1d6-70655c974d52_20201105_162252_673.jpg, 00:00:13, 1.60 m
 Settled deposits, fine, 10% cross-sectional area loss



End O
 LineX_508b5ea3-3028-4401-aad6-392cc23e8313_20201105_162319_998.jpg, 00:00:14, 1.70 m
 Broken pipe at joint from 7 o'clock to 1 o'clock ,



End O
 LineX_45453a69-058b-4e53-a29f-543728085864_20201105_162333_542.jpg, 00:00:14, 1.70 m
 Hole in drain or sewer at a joint from 11 o'clock to 12 o'clock

Section Inspection - 05/11/2020 - Branch 2X

Section 11	Inspection 12	Date 05/11/20	Time 16:25	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH 2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH 2
Road:	Whitworth Community School, Hall Fold	Inspected Length:	2.55 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	2.55 m	Downstream Node:	S42
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m S42					
		0.00	MH	Start node type, manhole, reference number: S42	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:10		
		0.80	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:00:15	Branch 2X_a6bca 09d-0fae-4	2
		1.58	DEX	Settled deposits, other, 10% cross-sectional area loss: Debris	00:00:19	Branch 2X_36cd0 5c7-09a3-	3
		2.20	DEX	Settled deposits, other, 10% cross-sectional area loss: plastic	00:00:21	Branch 2X_9a73fe 33-edb5-4	3
		2.55	DEX	Settled deposits, other, 70% cross-sectional area loss: debris	00:00:27	Branch 2X_88eeb ec7-9bc3-	4
		2.55	SA	Survey abandoned: unable to pass	00:00:27		

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	4	8.0	5.1	13.0	5.0

Section Pictures - 05/11/2020 - Branch 2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Upstream	BRANCH 2X		



Branch
 2X_a6bca09d-0fae-4926-938a-ae7fc9b9cde3_20201105_163
 446_274.jpg, 00:00:15, 0.80 m
 Settled deposits, coarse, 5% cross-sectional area loss



Branch
 2X_36cd05c7-09a3-4c61-8e7a-1168bfbe9d40_20201105_163
 513_104.jpg, 00:00:19, 1.58 m
 Settled deposits, other, 10% cross-sectional area loss, Debris



Branch
 2X_9a73fe33-edb5-41b6-b069-6c5d146a0752_20201105_163
 533_503.jpg, 00:00:21, 2.20 m
 Settled deposits, other, 10% cross-sectional area loss, plastic



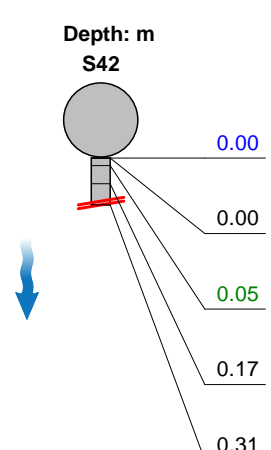
Branch
 2X_88eebec7-9bc3-4ced-9545-07b14c0d7634_20201105_16
 3556_805.jpg, 00:00:27, 2.55 m
 Settled deposits, other, 70% cross-sectional area loss, debris

Section Inspection - 05/11/2020 - S42X

Section 12	Inspection 13	Date 05/11/20	Time 16:36	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S42X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S42
Road:	Whitworth Community School, Hall Fold	Inspected Length:	0.31 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	0.31 m	Downstream Node:	DS
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m S42</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S42: Slight flow</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.05</td> <td></td> <td>DES</td> <td>Settled deposits, fine, 15% cross-sectional area loss</td> <td>00:00:08</td> <td style="text-align: center;">S42X_27c 6418a-124 4-4c36-82</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: right;">0.17</td> <td></td> <td>CUD</td> <td>Loss of vision, silt</td> <td>00:00:10</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.31</td> <td></td> <td>SA</td> <td>Survey abandoned: UNABLE TO PASS</td> <td>00:00:19</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: S42: Slight flow	00:00:00			0.00		WL	Water level, 15% of the vertical dimension	00:00:00			0.05		DES	Settled deposits, fine, 15% cross-sectional area loss	00:00:08	S42X_27c 6418a-124 4-4c36-82	3	0.17		CUD	Loss of vision, silt	00:00:10			0.31		SA	Survey abandoned: UNABLE TO PASS	00:00:19		
0.00		MH	Start node type, manhole, reference number: S42: Slight flow	00:00:00																																						
0.00		WL	Water level, 15% of the vertical dimension	00:00:00																																						
0.05		DES	Settled deposits, fine, 15% cross-sectional area loss	00:00:08	S42X_27c 6418a-124 4-4c36-82	3																																				
0.17		CUD	Loss of vision, silt	00:00:10																																						
0.31		SA	Survey abandoned: UNABLE TO PASS	00:00:19																																						

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	6.5	2.0	5.0

Section Pictures - 05/11/2020 - S42X

Section 12	Inspection Direction Downstream	PLR S42X	Client's Job Ref	Contractor's Job Ref
---------------	------------------------------------	-------------	------------------	----------------------



S42X_27c6418a-1244-4c36-829a-6bba5c22d076_20201105_163758_758.jpg, 00:00:08, 0.05 m
 Settled deposits, fine, 15% cross-sectional area loss



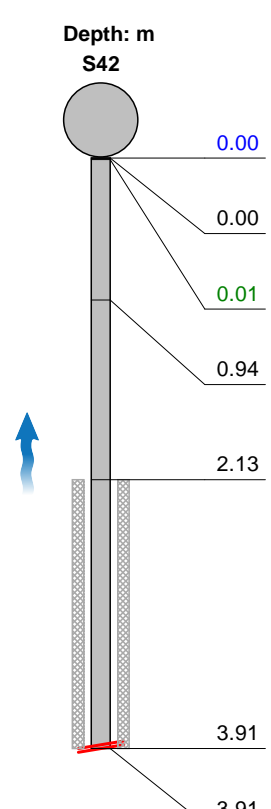
S42X_880e25ce-ba96-456c-ba13-4a50570136b5_20201105_163947_665.jpg, 00:00:08, 0.05 m
 Settled deposits, fine, 15% cross-sectional area loss

Section Inspection - 05/11/2020 - USX

Section 13	Inspection 14	Date 05/11/20	Time 16:40	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	3.91 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	3.91 m	Downstream Node:	S42
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

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: m</p> <p style="margin-bottom: 5px;">S42</p>  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td colspan="2">Start node type, manhole, reference number: S42</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td colspan="2">Water level, 25% of the vertical dimension: Standing water</td> <td>00:00:08</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.01</td> <td></td> <td>DER</td> <td colspan="2">Settled deposits, coarse, 15% cross-sectional area loss</td> <td>00:00:08</td> <td rowspan="2" style="vertical-align: middle;">USX_6685 c647-a3d7 -4118-89c</td> <td rowspan="2" style="vertical-align: middle;">3</td> </tr> <tr> <td style="text-align: right;">0.94</td> <td></td> <td>CUZ</td> <td colspan="2">Loss of vision, other: deposits</td> <td>00:00:27</td> </tr> <tr> <td style="text-align: right;">2.13</td> <td>S01</td> <td>CUW</td> <td colspan="2">Loss of vision, camera under water, start</td> <td>00:00:48</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">3.91</td> <td>F01</td> <td>CUW</td> <td colspan="2">Loss of vision, camera under water, finish</td> <td>00:01:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">3.91</td> <td></td> <td>SA</td> <td colspan="2">Survey abandoned: unable to pass</td> <td>00:01:01</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: S42		00:00:00			0.00		WL	Water level, 25% of the vertical dimension: Standing water		00:00:08			0.01		DER	Settled deposits, coarse, 15% cross-sectional area loss		00:00:08	USX_6685 c647-a3d7 -4118-89c	3	0.94		CUZ	Loss of vision, other: deposits		00:00:27	2.13	S01	CUW	Loss of vision, camera under water, start		00:00:48			3.91	F01	CUW	Loss of vision, camera under water, finish		00:01:00			3.91		SA	Survey abandoned: unable to pass		00:01:01		
0.00		MH	Start node type, manhole, reference number: S42		00:00:00																																																								
0.00		WL	Water level, 25% of the vertical dimension: Standing water		00:00:08																																																								
0.01		DER	Settled deposits, coarse, 15% cross-sectional area loss		00:00:08	USX_6685 c647-a3d7 -4118-89c	3																																																						
0.94		CUZ	Loss of vision, other: deposits		00:00:27																																																								
2.13	S01	CUW	Loss of vision, camera under water, start		00:00:48																																																								
3.91	F01	CUW	Loss of vision, camera under water, finish		00:01:00																																																								
3.91		SA	Survey abandoned: unable to pass		00:01:01																																																								

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.5	2.0	3.0

Section Pictures - 05/11/2020 - USX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
13	Upstream	USX		



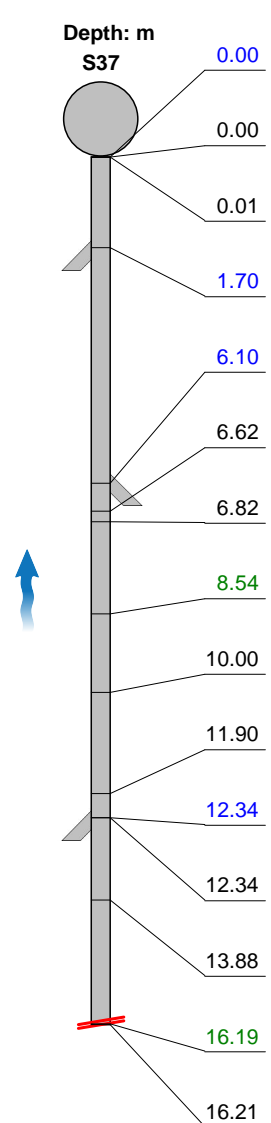
USX_6685c647-a3d7-4118-89c1-d5b9e974c8bc_20201105_1
64424_906.jpg, 00:00:08, 0.01 m
Settled deposits, coarse, 15% cross-sectional area loss

Section Inspection - 05/11/2020 - USX

Section 14	Inspection 15	Date 05/11/20	Time 16:56	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	16.21 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	16.21 m	Downstream Node:	S37
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection of condition				

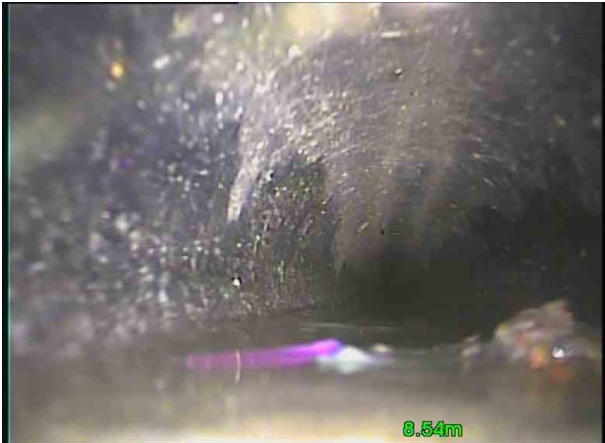
Comments:
Recommendations:

Scale:	1:141	Position [m]	Code	Observation	MPEG	Photo	Grade
	Depth: m						
	S37	0.00	MH	Start node type, manhole, reference number: S37	00:00:00		
		0.00	WL	Water level, 15% of the vertical dimension	00:00:05		
		0.01	REM	General remark: dirt on wall of pipe	00:00:08		
		1.70	JN	Junction at 3 o'clock, diameter: 100mm	00:00:16		
		6.10	JN	Junction at 9 o'clock, diameter: 100mm	00:00:34		
		6.62	WL	Water level, 25% of the vertical dimension	00:00:39		
		6.82	CUW	Loss of vision, camera under water	00:00:40		
		8.54	DEX	Settled deposits, other, 10% cross-sectional area loss: Unknown	00:00:50	USX_967d 721b-1628 -40e5-a7c	3
		10.00	WL	Water level, 15% of the vertical dimension	00:01:00		
		11.90	WL	Water level, 25% of the vertical dimension	00:01:11		
		12.34	JN	Junction at 1 o'clock, diameter: 100mm	00:01:12		
		12.34	WL	Water level, 5% of the vertical dimension	00:01:18		
		13.88	WL	Water level, 15% of the vertical dimension	00:01:27		
		16.19	DER	Settled deposits, coarse, 30% cross-sectional area loss	00:01:50	USX_5f36 38b9-4dc3 -41dc-b97	4
	16.21	SA	Survey abandoned: unable to pass	00:01:50			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	5.0	0.4	7.0	4.0

Section Pictures - 05/11/2020 - USX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
14	Upstream	USX		



USX_967d721b-1628-40e5-a7c0-2b55291a5f7f_20201106_114922_555.jpg, 00:00:50, 8.54 m
 Settled deposits, other, 10% cross-sectional area loss,
 Unknown



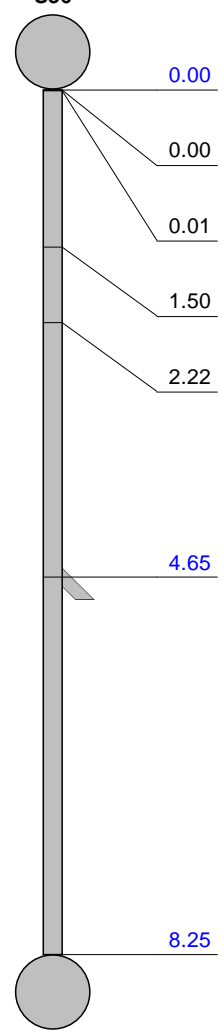
USX_5f3638b9-4dc3-41dc-b97a-df562f0a5bc9_20201106_120715_594.jpg, 00:01:50, 16.19 m
 Settled deposits, coarse, 30% cross-sectional area loss

Section Inspection - 06/11/2020 - S37X

Section 15	Inspection 17	Date 06/11/20	Time 12:10	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S37X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	S37
Road:	Whitworth Community School, Hall Fold	Inspected Length:	8.25 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	8.25 m	Downstream Node:	S36
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:72	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: m</p> <p>S36</p>  <p>S37</p> <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 10%; text-align: center;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S36</td> <td style="width: 10%; text-align: center;">00:00:00</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% of the vertical dimension</td> <td style="text-align: center;">00:00:10</td> </tr> <tr> <td style="text-align: center;">0.01</td> <td style="text-align: center;">REM</td> <td>General remark: Dirt on pipe wall</td> <td style="text-align: center;">00:00:11</td> </tr> <tr> <td style="text-align: center;">1.50</td> <td style="text-align: center;">WL</td> <td>Water level, 20% of the vertical dimension</td> <td style="text-align: center;">00:00:18</td> </tr> <tr> <td style="text-align: center;">2.22</td> <td style="text-align: center;">CUW</td> <td>Loss of vision, camera under water: Clear water</td> <td style="text-align: center;">00:00:22</td> </tr> <tr> <td style="text-align: center;">4.65</td> <td style="text-align: center;">JN</td> <td>Junction at 10 o'clock, diameter: 100mm</td> <td style="text-align: center;">00:00:35</td> </tr> <tr> <td style="text-align: center;">8.25</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: S37</td> <td style="text-align: center;">00:01:03</td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S36	00:00:00	0.00	WL	Water level, 10% of the vertical dimension	00:00:10	0.01	REM	General remark: Dirt on pipe wall	00:00:11	1.50	WL	Water level, 20% of the vertical dimension	00:00:18	2.22	CUW	Loss of vision, camera under water: Clear water	00:00:22	4.65	JN	Junction at 10 o'clock, diameter: 100mm	00:00:35	8.25	MHF	Finish node type, manhole, reference number: S37	00:01:03
0.00	MH	Start node type, manhole, reference number: S36	00:00:00																																
0.00	WL	Water level, 10% of the vertical dimension	00:00:10																																
0.01	REM	General remark: Dirt on pipe wall	00:00:11																																
1.50	WL	Water level, 20% of the vertical dimension	00:00:18																																
2.22	CUW	Loss of vision, camera under water: Clear water	00:00:22																																
4.65	JN	Junction at 10 o'clock, diameter: 100mm	00:00:35																																
8.25	MHF	Finish node type, manhole, reference number: S37	00:01:03																																

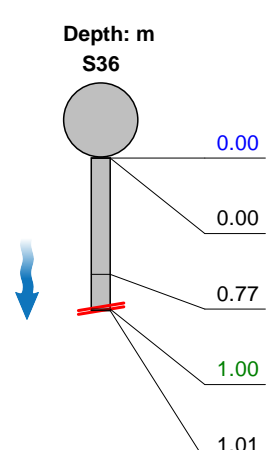
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 06/11/2020 - S36X

Section 16	Inspection 18	Date 06/11/20	Time 12:20	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S36X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S36
Road:	Whitworth Community School, Hall Fold	Inspected Length:	1.01 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.01 m	Downstream Node:	DS
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m S36</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S36</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 5% of the vertical dimension: Flowing</td> <td>00:00:01</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.77</td> <td></td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:11</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.00</td> <td></td> <td>DEX</td> <td>Settled deposits, other, 85% cross-sectional area loss: Debris</td> <td>00:00:15</td> <td>S36X_e1b 14cac-e86 d-4bc9-b2</td> <td>5</td> </tr> <tr> <td style="text-align: right;">1.01</td> <td></td> <td>SA</td> <td>Survey abandoned: unable to pass</td> <td>00:00:15</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: S36	00:00:00			0.00		WL	Water level, 5% of the vertical dimension: Flowing	00:00:01			0.77		WL	Water level, 15% of the vertical dimension	00:00:11			1.00		DEX	Settled deposits, other, 85% cross-sectional area loss: Debris	00:00:15	S36X_e1b 14cac-e86 d-4bc9-b2	5	1.01		SA	Survey abandoned: unable to pass	00:00:15		
0.00		MH	Start node type, manhole, reference number: S36	00:00:00																																						
0.00		WL	Water level, 5% of the vertical dimension: Flowing	00:00:01																																						
0.77		WL	Water level, 15% of the vertical dimension	00:00:11																																						
1.00		DEX	Settled deposits, other, 85% cross-sectional area loss: Debris	00:00:15	S36X_e1b 14cac-e86 d-4bc9-b2	5																																				
1.01		SA	Survey abandoned: unable to pass	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
0	0.0	0.0	0.0	1.0	1	10.0	9.9	10.0	5.0

Section Pictures - 06/11/2020 - S36X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Downstream	S36X		



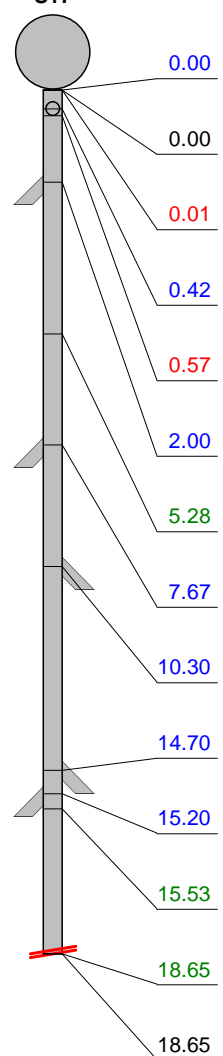
S36X_e1b14cac-e86d-4bc9-b260-0c5c9f46dc73_20201106_1
22359_538.jpg, 00:00:15, 1.00 m
Settled deposits, other, 85% cross-sectional area loss, Debris

Section Inspection - 06/11/2020 - Branch 2X

Section 17	Inspection 19	Date 06/11/20	Time 12:27	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH 2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH 2
Road:	Whitworth Community School, Hall Fold	Inspected Length:	18.65 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	18.65 m	Downstream Node:	S17
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:163	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																																		
<div style="display: flex; align-items: flex-start;"> <div style="width: 20%; text-align: right; padding-right: 10px;"> Depth: m S17  </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S17</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></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>00:00:07</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.01</td> <td>BJ</td> <td>Broken pipe at joint from 9 o'clock to 2 o'clock ,</td> <td>00:00:07</td> <td>Branch 2X_73174 870-0115-</td> <td>4</td> <td></td> </tr> <tr> <td style="text-align: right;">0.42</td> <td>JNC</td> <td>Junction closed at 12 o'clock, diameter: 100mm</td> <td>00:00:12</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.57</td> <td>CCJ</td> <td>Crack, circumferential at joint from 8 o'clock to 2 o'clock</td> <td>00:00:12</td> <td>Branch 2X_f1a052 2c-ab74-4f</td> <td>2</td> <td></td> </tr> <tr> <td style="text-align: right;">2.00</td> <td>CXP</td> <td>Connection defective, position incorrect at 2 o'clock, diameter: 100mm</td> <td>00:00:21</td> <td>Branch 2X_dce7c 60e-3e78-</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.28</td> <td>DEG</td> <td>Attached deposits, grease from 9 o'clock to 3 o'clock, 5% cross-sectional area loss</td> <td>00:00:49</td> <td>Branch 2X_2ac7df 6a-352c-4</td> <td>2</td> <td></td> </tr> <tr> <td style="text-align: right;">7.67</td> <td>CXP</td> <td>Connection defective, position incorrect at 2 o'clock, diameter: 100mm</td> <td>00:01:00</td> <td>Branch 2X_a9ac3 ae2-76b7-</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">10.30</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 100mm</td> <td>00:01:15</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">14.70</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 100mm</td> <td>00:01:45</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">15.20</td> <td>JN</td> <td>Junction at 3 o'clock, diameter: 100mm</td> <td>00:02:08</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">15.53</td> <td>DER</td> <td>Settled deposits, coarse, 5% cross-sectional area loss</td> <td>00:02:09</td> <td>Branch 2X_365ec bab-3c0e-</td> <td>2</td> <td></td> </tr> <tr> <td style="text-align: right;">18.65</td> <td>OBP</td> <td>Obstacles, external pipe or cable from 12 o'clock to 12 o'clock, 50% cross-sectional area loss: Smaller pipe in drain, Debris at the entrance</td> <td>00:02:39</td> <td>Branch 2X_7eabd 447-ee63-</td> <td>5</td> <td></td> </tr> <tr> <td style="text-align: right;">18.65</td> <td>SA</td> <td>Survey abandoned: unable to pass</td> <td>00:02:39</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S17	00:00:00				0.00	WL	Water level, 0% of the vertical dimension	00:00:07				0.01	BJ	Broken pipe at joint from 9 o'clock to 2 o'clock ,	00:00:07	Branch 2X_73174 870-0115-	4		0.42	JNC	Junction closed at 12 o'clock, diameter: 100mm	00:00:12				0.57	CCJ	Crack, circumferential at joint from 8 o'clock to 2 o'clock	00:00:12	Branch 2X_f1a052 2c-ab74-4f	2		2.00	CXP	Connection defective, position incorrect at 2 o'clock, diameter: 100mm	00:00:21	Branch 2X_dce7c 60e-3e78-			5.28	DEG	Attached deposits, grease from 9 o'clock to 3 o'clock, 5% cross-sectional area loss	00:00:49	Branch 2X_2ac7df 6a-352c-4	2		7.67	CXP	Connection defective, position incorrect at 2 o'clock, diameter: 100mm	00:01:00	Branch 2X_a9ac3 ae2-76b7-			10.30	JN	Junction at 9 o'clock, diameter: 100mm	00:01:15				14.70	JN	Junction at 9 o'clock, diameter: 100mm	00:01:45				15.20	JN	Junction at 3 o'clock, diameter: 100mm	00:02:08				15.53	DER	Settled deposits, coarse, 5% cross-sectional area loss	00:02:09	Branch 2X_365ec bab-3c0e-	2		18.65	OBP	Obstacles, external pipe or cable from 12 o'clock to 12 o'clock, 50% cross-sectional area loss: Smaller pipe in drain, Debris at the entrance	00:02:39	Branch 2X_7eabd 447-ee63-	5		18.65	SA	Survey abandoned: unable to pass	00:02:39			
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18.65	SA	Survey abandoned: unable to pass	00:02:39																																																																																																						

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	80.0	4.8	90.0	4.0	4	10.0	0.8	14.0	5.0

Section Pictures - 06/11/2020 - Branch 2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
17	Upstream	BRANCH 2X		



Branch
2X_73174870-0115-4315-bdd9-0c8b92c96928_20201106_12
2937_973.jpg, 00:00:07, 0.01 m
Broken pipe at joint from 9 o'clock to 2 o'clock ,



Branch
2X_f1a0522c-ab74-4fc0-ad5e-59ed6b5eab52_20201106_123
046_728.jpg, 00:00:12, 0.57 m
Crack, circumferential at joint from 8 o'clock to 2 o'clock



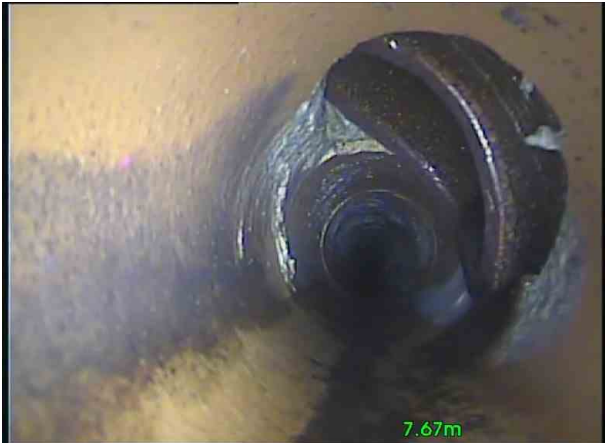
Branch
2X_dce7c60e-3e78-4d2a-ad8a-b66cf6cfe55f_20201106_1231
30_117.jpg, 00:00:21, 2.00 m
Connection defective, position incorrect at 2 o'clock, diameter:
100mm



Branch
2X_2ac7df6a-352c-4816-a123-468eeb04a987_20201106_123
520_568.jpg, 00:00:49, 5.28 m
Attached deposits, grease from 9 o'clock to 3 o'clock, 5%
cross-sectional area loss

Section Pictures - 06/11/2020 - Branch 2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
17	Upstream	BRANCH 2X		



Branch
2X_a9ac3ae2-76b7-4033-8e6a-063dc7715efb_20201106_123
525_000.jpg, 00:01:00, 7.67 m
Connection defective, position incorrect at 2 o'clock, diameter:
100mm



Branch
2X_365ecbab-3c0e-4c92-ba62-939207b87316_20201106_12
3955_239.jpg, 00:02:09, 15.53 m
Settled deposits, coarse, 5% cross-sectional area loss



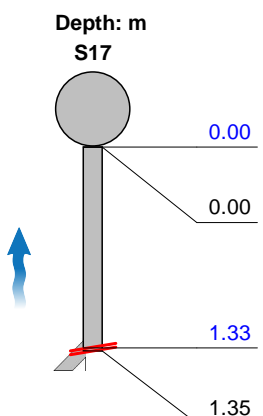
Branch
2X_7eabd447-ee63-4cae-99c3-d46371f48a00_20201106_124
208_870.jpg, 00:02:39, 18.65 m
Obstacles, external pipe or cable from 12 o'clock to 12 o'clock,
50% cross-sectional area loss, Smaller pipe in drain, Debris at
the entrance

Section Inspection - 06/11/2020 - USX

Section 18	Inspection 20	Date 06/11/20	Time 12:45	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	1.35 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.35 m	Downstream Node:	S17
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m S17</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: S17</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 5% of the vertical dimension: Flowing</td> <td>00:00:01</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.33</td> <td></td> <td>CXP</td> <td>Connection defective, position incorrect at 2 o'clock, diameter: 100mm</td> <td>00:00:16</td> <td>USX_c5e9e691-8fc6-474e-86e1</td> <td></td> </tr> <tr> <td style="text-align: right;">1.35</td> <td></td> <td>SA</td> <td>Survey abandoned: unable to pass displaced connection</td> <td>00:00:23</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: S17	00:00:00			0.00		WL	Water level, 5% of the vertical dimension: Flowing	00:00:01			1.33		CXP	Connection defective, position incorrect at 2 o'clock, diameter: 100mm	00:00:16	USX_c5e9e691-8fc6-474e-86e1		1.35		SA	Survey abandoned: unable to pass displaced connection	00:00:23		
0.00		MH	Start node type, manhole, reference number: S17	00:00:00																															
0.00		WL	Water level, 5% of the vertical dimension: Flowing	00:00:01																															
1.33		CXP	Connection defective, position incorrect at 2 o'clock, diameter: 100mm	00:00:16	USX_c5e9e691-8fc6-474e-86e1																														
1.35		SA	Survey abandoned: unable to pass displaced connection	00:00:23																															

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 - 06/11/2020 - USX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
18	Upstream	USX		



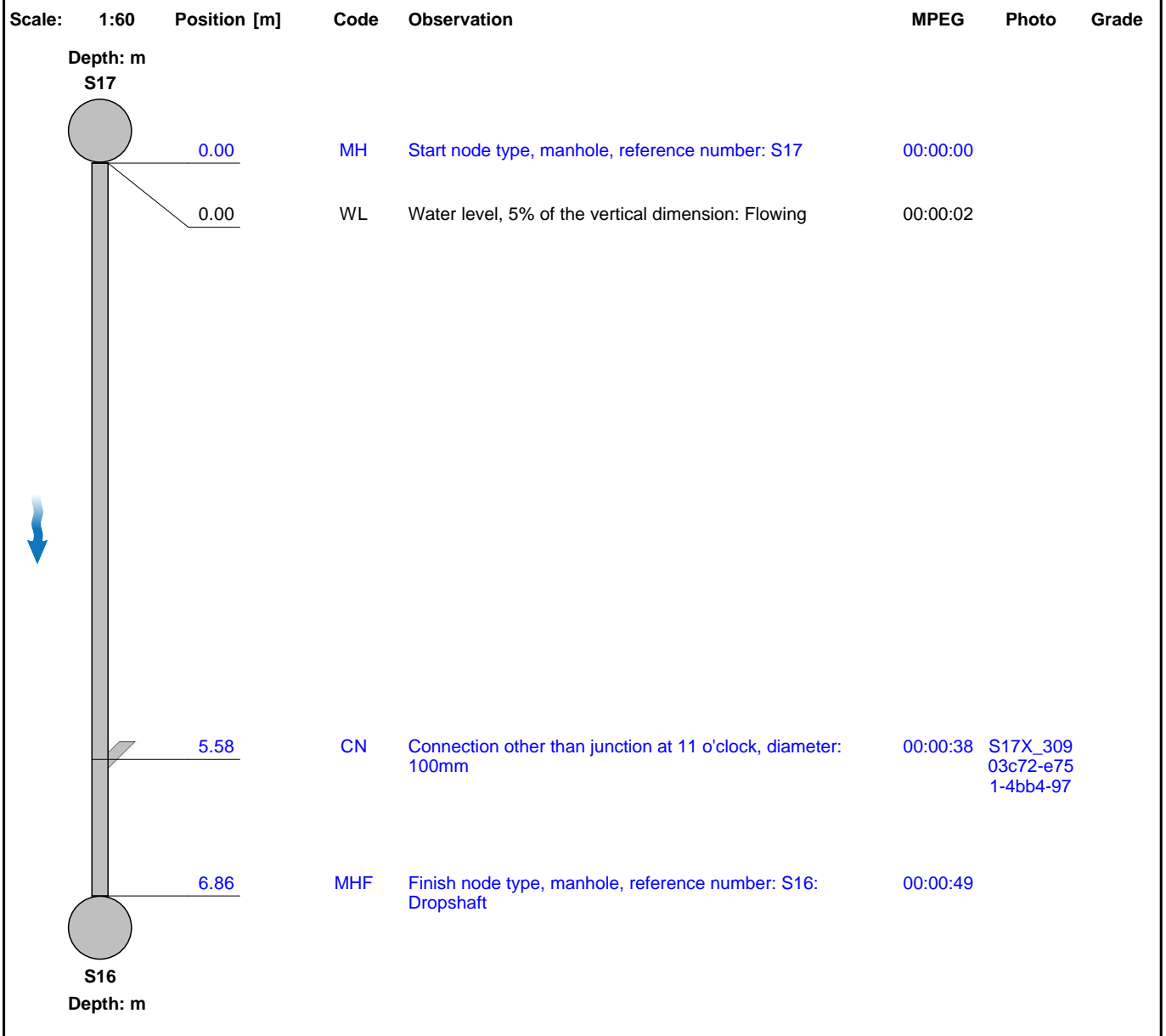
USX_c5e9e691-8fc6-474e-86e1-88aa62dba8e6_20201106_1
24640_341.jpg, 00:00:16, 1.33 m
Connection defective, position incorrect at 2 o'clock, diameter:
100mm

Section Inspection - 06/11/2020 - S17X

Section 19	Inspection 22	Date 06/11/20	Time 12:48	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S17X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S17
Road:	Whitworth Community School, Hall Fold	Inspected Length:	6.86 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	6.86 m	Downstream Node:	S16
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



Section Pictures - 06/11/2020 - S17X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
19	Downstream	S17X		



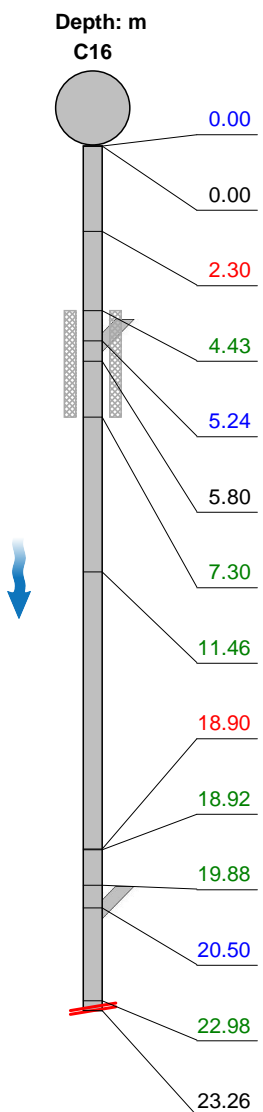
S17X_30903c72-e751-4bb4-97b8-41e7abac8dc8_20201106_125030_183.jpg, 00:00:38, 5.58 m
Connection other than junction at 11 o'clock, diameter: 100mm

Section Inspection - 06/11/2020 - C16X

Section 20	Inspection 23	Date 06/11/20	Time 12:51	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C16X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C16
Road:	Whitworth Community School, Hall Fold	Inspected Length:	23.26 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	23.26 m	Downstream Node:	DS
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:203	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																																		
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <p>Depth: m C16</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 5%;">MH</td> <td style="width: 45%;">Start node type, manhole, reference number: C18</td> <td style="width: 10%; text-align: right;">00:00:00</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% of the vertical dimension: Flowing</td> <td style="text-align: right;">00:00:06</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">2.30</td> <td>JDM</td> <td>Joint displaced, medium</td> <td style="text-align: right;">00:00:18</td> <td style="text-align: right;">C18X_2b4 e6725-5ec 7-4fe6-b17</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td style="text-align: right;">4.43</td> <td>S01</td> <td>Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss, start</td> <td style="text-align: right;">00:00:33</td> <td style="text-align: right;">C16X_b5c 9ffa4-a52f- 4b42-afac-</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">5.24</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:00:35</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.80</td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td style="text-align: right;">00:00:36</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">7.30</td> <td>F01</td> <td>Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss, finish</td> <td style="text-align: right;">00:00:44</td> <td></td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">11.46</td> <td>DEG</td> <td>Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss</td> <td style="text-align: right;">00:00:58</td> <td style="text-align: right;">C16X_770 be9cc-236 6-4201-a3</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">18.90</td> <td>JDM</td> <td>Joint displaced, medium</td> <td style="text-align: right;">00:01:22</td> <td style="text-align: right;">C16X_a0b f3a70-5b9 9-4b94-89</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td style="text-align: right;">18.92</td> <td>LR</td> <td>Line deviates right</td> <td style="text-align: right;">00:01:22</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">19.88</td> <td>DEX</td> <td>Settled deposits, other, 15% cross-sectional area loss: Debris</td> <td style="text-align: right;">00:01:27</td> <td style="text-align: right;">C16X_09b 27c50-936 7-4d7f-a19</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td style="text-align: right;">20.50</td> <td>JN</td> <td>Junction at 8 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:01:29</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">22.98</td> <td>DER</td> <td>Settled deposits, coarse, 15% cross-sectional area loss</td> <td style="text-align: right;">00:01:45</td> <td style="text-align: right;">C16X_4a0 ca8ad-960 e-49ee-9f7</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td style="text-align: right;">23.26</td> <td>SA</td> <td>Survey abandoned: unable to push</td> <td style="text-align: right;">00:01:54</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: C18	00:00:00				0.00	WL	Water level, 5% of the vertical dimension: Flowing	00:00:06				2.30	JDM	Joint displaced, medium	00:00:18	C18X_2b4 e6725-5ec 7-4fe6-b17	1		4.43	S01	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss, start	00:00:33	C16X_b5c 9ffa4-a52f- 4b42-afac-	2		5.24	JN	Junction at 9 o'clock, diameter: 100mm	00:00:35				5.80	WL	Water level, 15% of the vertical dimension	00:00:36				7.30	F01	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss, finish	00:00:44		2		11.46	DEG	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss	00:00:58	C16X_770 be9cc-236 6-4201-a3	2		18.90	JDM	Joint displaced, medium	00:01:22	C16X_a0b f3a70-5b9 9-4b94-89	1		18.92	LR	Line deviates right	00:01:22				19.88	DEX	Settled deposits, other, 15% cross-sectional area loss: Debris	00:01:27	C16X_09b 27c50-936 7-4d7f-a19	3		20.50	JN	Junction at 8 o'clock, diameter: 100mm	00:01:29				22.98	DER	Settled deposits, coarse, 15% cross-sectional area loss	00:01:45	C16X_4a0 ca8ad-960 e-49ee-9f7	3		23.26	SA	Survey abandoned: unable to push	00:01:54			
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5.80	WL	Water level, 15% of the vertical dimension	00:00:36																																																																																																						
7.30	F01	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss, finish	00:00:44		2																																																																																																				
11.46	DEG	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss	00:00:58	C16X_770 be9cc-236 6-4201-a3	2																																																																																																				
18.90	JDM	Joint displaced, medium	00:01:22	C16X_a0b f3a70-5b9 9-4b94-89	1																																																																																																				
18.92	LR	Line deviates right	00:01:22																																																																																																						
19.88	DEX	Settled deposits, other, 15% cross-sectional area loss: Debris	00:01:27	C16X_09b 27c50-936 7-4d7f-a19	3																																																																																																				
20.50	JN	Junction at 8 o'clock, diameter: 100mm	00:01:29																																																																																																						
22.98	DER	Settled deposits, coarse, 15% cross-sectional area loss	00:01:45	C16X_4a0 ca8ad-960 e-49ee-9f7	3																																																																																																				
23.26	SA	Survey abandoned: unable to push	00:01:54																																																																																																						

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	1.0	0.1	2.0	1.0	4	2.0	0.3	8.0	3.0

Section Pictures - 06/11/2020 - C16X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Downstream	C16X		



C18X_2b4e6725-5ec7-4fe6-b17b-e7f27026f290_20201106_130629_316.jpg, 00:00:18, 2.30 m
 Joint displaced, medium



C16X_b5c9fa4-a52f-4b42-afac-de1a3b28e62c_20201106_130819_774.jpg, 00:00:33, 4.43 m
 Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss, start



C16X_770be9cc-2366-4201-a38f-93e0c4affe35_20201106_131026_871.jpg, 00:00:58, 11.46 m
 Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss



C16X_a0bf3a70-5b99-4b94-89e4-4b00dc26ef9f_20201106_142553_779.jpg, 00:01:22, 18.90 m
 Joint displaced, medium

Section Pictures - 06/11/2020 - C16X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Downstream	C16X		



C16X_09b27c50-9367-4d7f-a19f-a535eadf9aae_20201106_142741_812.jpg, 00:01:27, 19.88 m
 Settled deposits, other, 15% cross-sectional area loss, Debris



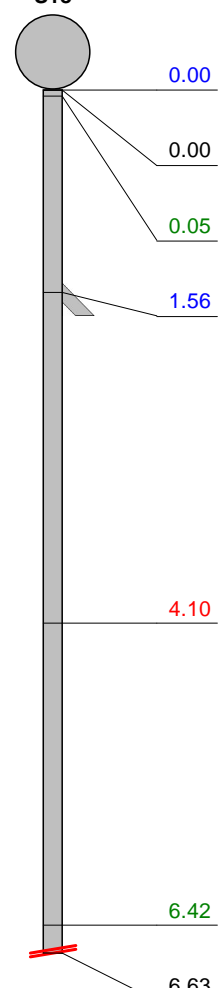
C16X_4a0ca8ad-960e-49ee-9f73-2d3afb1d0411_20201106_143019_940.jpg, 00:01:45, 22.98 m
 Settled deposits, coarse, 15% cross-sectional area loss

Section Inspection - 06/11/2020 - USX

Section 21	Inspection 24	Date 06/11/20	Time 15:22	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	6.63 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	6.63 m	Downstream Node:	S18
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:58	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>S18</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: S18</td> <td style="text-align: right;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 10% of the vertical dimension: Flowing</td> <td style="text-align: right;">00:00:16</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.05</td> <td style="text-align: center;">DEC</td> <td>Settled deposits, hard or compacted, 15% cross-sectional area loss</td> <td style="text-align: right;">00:00:18</td> <td style="text-align: right;">USX_d8e4 34eb-1a70 -44c0-823</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td style="text-align: right;">1.56</td> <td style="text-align: center;">JN</td> <td>Junction at 10 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:00:27</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">4.10</td> <td style="text-align: center;">CCJ</td> <td>Crack, circumferential at joint from 11 o'clock to 12 o'clock</td> <td style="text-align: right;">00:00:37</td> <td style="text-align: right;">USX_1ae7 8ce8-9547 -41b5-9e3</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">6.42</td> <td style="text-align: center;">OBZJ</td> <td>Other obstacles at joint from 4 o'clock to 11 o'clock, 75% cross-sectional area loss: Debris</td> <td style="text-align: right;">00:00:46</td> <td style="text-align: right;">USX_0fa3 ea63-c32a -4277-b14</td> <td style="text-align: right;">5</td> <td></td> </tr> <tr> <td style="text-align: right;">6.63</td> <td style="text-align: center;">SA</td> <td>Survey abandoned: unable to pass</td> <td style="text-align: right;">00:00:53</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S18	00:00:00				0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:16				0.05	DEC	Settled deposits, hard or compacted, 15% cross-sectional area loss	00:00:18	USX_d8e4 34eb-1a70 -44c0-823	3		1.56	JN	Junction at 10 o'clock, diameter: 100mm	00:00:27				4.10	CCJ	Crack, circumferential at joint from 11 o'clock to 12 o'clock	00:00:37	USX_1ae7 8ce8-9547 -41b5-9e3	2		6.42	OBZJ	Other obstacles at joint from 4 o'clock to 11 o'clock, 75% cross-sectional area loss: Debris	00:00:46	USX_0fa3 ea63-c32a -4277-b14	5		6.63	SA	Survey abandoned: unable to pass	00:00:53			
0.00	MH	Start node type, manhole, reference number: S18	00:00:00																																																					
0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:16																																																					
0.05	DEC	Settled deposits, hard or compacted, 15% cross-sectional area loss	00:00:18	USX_d8e4 34eb-1a70 -44c0-823	3																																																			
1.56	JN	Junction at 10 o'clock, diameter: 100mm	00:00:27																																																					
4.10	CCJ	Crack, circumferential at joint from 11 o'clock to 12 o'clock	00:00:37	USX_1ae7 8ce8-9547 -41b5-9e3	2																																																			
6.42	OBZJ	Other obstacles at joint from 4 o'clock to 11 o'clock, 75% cross-sectional area loss: Debris	00:00:46	USX_0fa3 ea63-c32a -4277-b14	5																																																			
6.63	SA	Survey abandoned: unable to pass	00:00:53																																																					

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	10.0	1.5	10.0	2.0	2	10.0	1.8	12.0	5.0

Section Pictures - 06/11/2020 - USX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	USX		



USX_d8e434eb-1a70-44c0-8233-0b88441ca576_20201106_152412_326.jpg, 00:00:18, 0.05 m
 Settled deposits, hard or compacted, 15% cross-sectional area loss



USX_1ae78ce8-9547-41b5-9e37-a0fb2de6d519_20201106_152845_412.jpg, 00:00:37, 4.10 m
 Crack, circumferential at joint from 11 o'clock to 12 o'clock



USX_0fa3ea63-c32a-4277-b14b-fbac7b0ac528_20201106_153046_741.jpg, 00:00:46, 6.42 m
 Other obstacles at joint from 4 o'clock to 11 o'clock, 75% cross-sectional area loss, Debris

Section Inspection - 06/11/2020 - S18X

Section 22	Inspection 25	Date 06/11/20	Time 15:31	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S18X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S18
Road:	Whitworth Community School, Hall Fold	Inspected Length:	30.84 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	30.84 m	Downstream Node:	S19
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

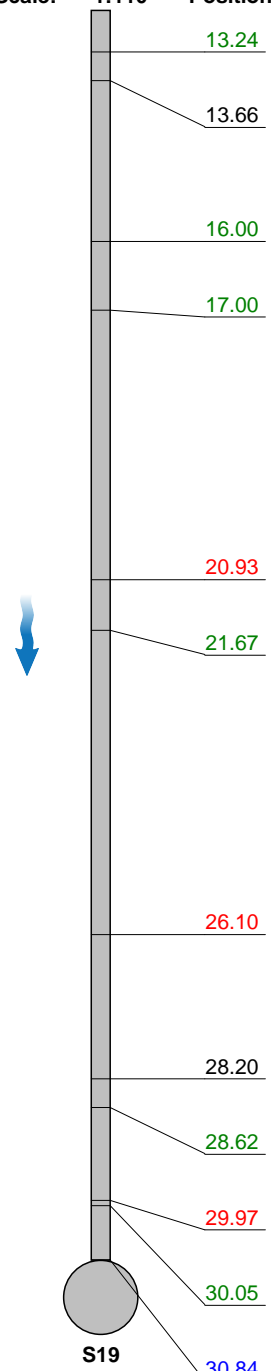
Comments:
Recommendations:

Scale:	1:110	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		S18					
		0.00	MH	Start node type, manhole, reference number: S18	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension	00:00:12		
		0.01	DEE	Attached deposits, encrustation from 7 o'clock to 5 o'clock, 15% cross-sectional area loss	00:00:12	S18X_4f4e42f7-d649-41b4-afa	3
		0.50	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss	00:00:20	S18X_7cb84242-ac10-4d80-a7	2
		0.88	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss	00:00:23	S18X_de190b00-621f-47ca-956	2
		2.72	DEEJ	Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss	00:00:32	S18X_ef0b9b6f-b33f-4e0c-8aa	3
		3.20	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 10 o'clock, 10% cross-sectional area loss	00:00:35	S18X_a922fc15-c22a-4cfa-a59	3
		6.80	DEEJ	Attached deposits, encrustation at joint from 8 o'clock to 11 o'clock, 15% cross-sectional area loss	00:00:46	S18X_054f7b2c-a29f-4628-88b	3
		6.80	WL	Water level, 20% of the vertical dimension	00:00:46		
		8.82	JXD	Defective junction, damaged at 2 o'clock, diameter: 100mm	00:00:54		
		9.86	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 4 o'clock, 20% cross-sectional area loss	00:01:05	S18X_7d9cedae-6969-4f7c-9fb	3
		10.32	WL	Water level, 10% of the vertical dimension	00:01:07		
		11.10	WL	Water level, 20% of the vertical dimension	00:01:12		
		11.36	DEEJ	Attached deposits, encrustation at joint from 8 o'clock to 4 o'clock, 20% cross-sectional area loss	00:01:12	S18X_f6316c98-aa94-48ba-afd	3
		12.02	DEEJ	Attached deposits, encrustation at joint from 8 o'clock to 11 o'clock, 10% cross-sectional area loss	00:01:15	S18X_cd62f348-0ce d-41b3-8e	3

Section Inspection - 06/11/2020 - S18X

Section 22	Inspection 25	Date 06/11/20	Time 15:31	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S18X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Scale:	1:110	Position [m]	Code	Observation	MPEG	Photo	Grade
		13.24	LR	Line deviates right	00:01:20		
		13.66	WL	Water level, 5% of the vertical dimension	00:01:22		
		16.00	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 12 o'clock, 10% cross-sectional area loss	00:01:29	S18X_760 3648c-90b 4-4d52-afa	3
		17.00	DEEJ	Attached deposits, encrustation at joint from 4 o'clock to 6 o'clock, 10% cross-sectional area loss	00:01:34	S18X_7d5 25312-122 2-4814-8b	3
		20.93	CL	Crack, longitudinal at 12 o'clock	00:01:47	S18X_c6fc e1ed-d7d8 -4ed7-b6b	2
		21.67	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 10 o'clock, 10% cross-sectional area loss	00:01:50	S18X_b4c b2a48-c6e 3-4e24-b5f	3
		26.10	CL	Crack, longitudinal at 1 o'clock	00:02:08	S18X_ec2 350b0-acb 3-445d-ae	2
		28.20	WL	Water level, 15% of the vertical dimension	00:02:16		
		28.62	DEEJ	Attached deposits, encrustation at joint from 8 o'clock to 12 o'clock, 15% cross-sectional area loss	00:02:17	S18X_824 2c4da-785 4-46b3-a9	3
		29.97	JDM	Joint displaced, medium	00:02:22	S18X_818 ec3eb-e12 a-4c5d-a0	1
		30.05	LR	Line deviates right	00:02:23		
		30.84	MHF	Finish node type, manhole, reference number: S19	00:02:27		



S19

Depth: m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No.	Def	STR Peak	STR Mean	STR Total	STR Grade	SER No.	Def	SER Peak	SER Mean	SER Total	SER Grade
3		10.0	0.7	21.0	2.0	13		2.0	0.8	24.0	3.0

Section Pictures - 06/11/2020 - S18X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	S18X		



S18X_4f4e42f7-d649-41b4-afad-11ae3afd3798_20201106_153415_880.jpg, 00:00:12, 0.01 m
Attached deposits, encrustation from 7 o'clock to 5 o'clock, 15% cross-sectional area loss



S18X_7cb84242-ac10-4d80-a729-1f478ad9e85a_20201106_153445_446.jpg, 00:00:20, 0.50 m
Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss



S18X_de190b00-621f-47ca-956d-04f5f0933d43_20201106_153522_380.jpg, 00:00:23, 0.88 m
Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss



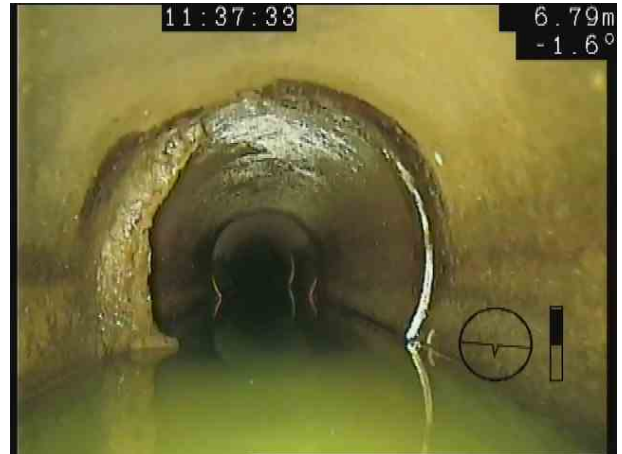
S18X_ef0b9b6f-b33f-4e0c-8aac-f53774f2120b_20201106_153552_219.jpg, 00:00:32, 2.72 m
Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss

Section Pictures - 06/11/2020 - S18X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	S18X		



S18X_a922fc15-c22a-4cfa-a59b-7f10750e23f9_20201106_153613_417.jpg, 00:00:35, 3.20 m
 Attached deposits, encrustation at joint from 7 o'clock to 10 o'clock, 10% cross-sectional area loss



S18X_054f7b2c-a29f-4628-88b7-492c1cc25d0d_20201106_153702_095.jpg, 00:00:46, 6.80 m
 Attached deposits, encrustation at joint from 8 o'clock to 11 o'clock, 15% cross-sectional area loss



S18X_7d9cedae-6969-4f7c-9fb5-eeb3deca9ce9_20201106_153857_968.jpg, 00:01:05, 9.86 m
 Attached deposits, encrustation at joint from 7 o'clock to 4 o'clock, 20% cross-sectional area loss



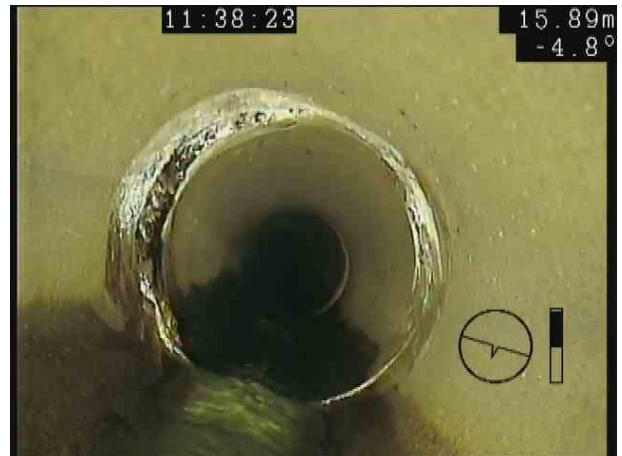
S18X_f6316c98-aa94-48ba-afd9-23bb97cd5314_20201106_153940_750.jpg, 00:01:12, 11.36 m
 Attached deposits, encrustation at joint from 8 o'clock to 4 o'clock, 20% cross-sectional area loss

Section Pictures - 06/11/2020 - S18X

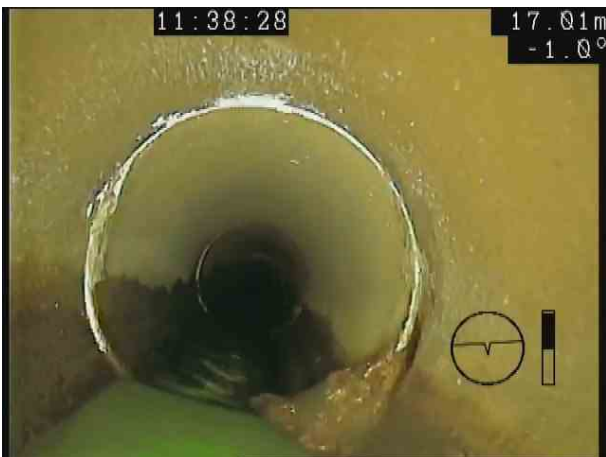
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	S18X		



S18X_cd62f348-0ced-41b3-8e51-f44f8b37d90b_20201106_154120_416.jpg, 00:01:15, 12.02 m
 Attached deposits, encrustation at joint from 8 o'clock to 11 o'clock, 10% cross-sectional area loss



S18X_7603648c-90b4-4d52-afa6-e9f0c6276b99_20201106_154455_860.jpg, 00:01:29, 16.00 m
 Attached deposits, encrustation at joint from 7 o'clock to 12 o'clock, 10% cross-sectional area loss



S18X_7d525312-1222-4814-8bbc-cbb9a8beed21_20201106_154519_346.jpg, 00:01:34, 17.00 m
 Attached deposits, encrustation at joint from 4 o'clock to 6 o'clock, 10% cross-sectional area loss



S18X_c6fce1ed-d7d8-4ed7-b6b7-ec7182af3358_20201106_154608_712.jpg, 00:01:47, 20.93 m
 Crack, longitudinal at 12 o'clock

Section Pictures - 06/11/2020 - S18X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	S18X		



S18X_b4cb2a48-c6e3-4e24-b5f5-6e3029eb44ee_20201106_154627_087.jpg, 00:01:50, 21.67 m
 Attached deposits, encrustation at joint from 7 o'clock to 10 o'clock, 10% cross-sectional area loss



S18X_ec2350b0-acb3-445d-ae7-ac500e4601d8_20201106_154709_501.jpg, 00:02:08, 26.10 m
 Crack, longitudinal at 1 o'clock



S18X_8242c4da-7854-46b3-a97c-adc9b7c6de9e_20201106_154743_651.jpg, 00:02:17, 28.62 m
 Attached deposits, encrustation at joint from 8 o'clock to 12 o'clock, 15% cross-sectional area loss



S18X_818ec3eb-e12a-4c5d-a018-6fb7a24fb8a0_20201106_154759_826.jpg, 00:02:22, 29.97 m
 Joint displaced, medium

Section Inspection - 10/11/2020 - S19X

Section 23	Inspection 57	Date 10/11/20	Time 11:09	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR S19X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	S19
Road:	Whitworth Community School, Hall Fold	Inspected Length:	4.83 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	4.83 m	Downstream Node:	DS
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	225 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																															
<div style="display: flex; align-items: flex-start;"> <div style="width: 20%; text-align: center;"> <p>Depth: m</p> <p>S19</p>  </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: S19</td> <td style="text-align: right;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 5% of the vertical dimension: Flowing</td> <td style="text-align: right;">00:00:08</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.30</td> <td style="text-align: center;">DEEJ</td> <td>Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 5% cross-sectional area loss</td> <td style="text-align: right;">00:00:14</td> <td style="text-align: right;">S19X_a7d f55b7-a0bf -4cd2-98c</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">1.46</td> <td style="text-align: center;">CL</td> <td>Crack, longitudinal at 12 o'clock</td> <td style="text-align: right;">00:00:23</td> <td style="text-align: right;">S19X_a58 2841d-271 7-4ddd-89</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">2.13</td> <td style="text-align: center;">JN</td> <td>Junction at 1 o'clock, diameter: 150mm</td> <td style="text-align: right;">00:00:26</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">2.13</td> <td style="text-align: center;">CC</td> <td>Crack, circumferential from 12 o'clock to 1 o'clock</td> <td style="text-align: right;">00:00:26</td> <td style="text-align: right;">S19X_e79 285c3-b78 0-4a96-bc</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">2.13</td> <td style="text-align: center;">CC</td> <td>Crack, circumferential from 9 o'clock to 12 o'clock</td> <td style="text-align: right;">00:00:26</td> <td style="text-align: right;">S19X_50f 21c81-9d7 0-4eae-a7</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">4.33</td> <td style="text-align: center;">DEC</td> <td>Settled deposits, hard or compacted, 25% cross-sectional area loss</td> <td style="text-align: right;">00:00:35</td> <td style="text-align: right;">S19X_4a9 3d849-7f6 e-4131-85</td> <td style="text-align: right;">4</td> <td></td> </tr> <tr> <td style="text-align: right;">4.83</td> <td style="text-align: center;">SA</td> <td>Survey abandoned: unable to pass</td> <td style="text-align: right;">00:00:39</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: S19	00:00:00				0.00	WL	Water level, 5% of the vertical dimension: Flowing	00:00:08				0.30	DEEJ	Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 5% cross-sectional area loss	00:00:14	S19X_a7d f55b7-a0bf -4cd2-98c	2		1.46	CL	Crack, longitudinal at 12 o'clock	00:00:23	S19X_a58 2841d-271 7-4ddd-89	2		2.13	JN	Junction at 1 o'clock, diameter: 150mm	00:00:26				2.13	CC	Crack, circumferential from 12 o'clock to 1 o'clock	00:00:26	S19X_e79 285c3-b78 0-4a96-bc	2		2.13	CC	Crack, circumferential from 9 o'clock to 12 o'clock	00:00:26	S19X_50f 21c81-9d7 0-4eae-a7	2		4.33	DEC	Settled deposits, hard or compacted, 25% cross-sectional area loss	00:00:35	S19X_4a9 3d849-7f6 e-4131-85	4		4.83	SA	Survey abandoned: unable to pass	00:00:39			
0.00	MH	Start node type, manhole, reference number: S19	00:00:00																																																																			
0.00	WL	Water level, 5% of the vertical dimension: Flowing	00:00:08																																																																			
0.30	DEEJ	Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 5% cross-sectional area loss	00:00:14	S19X_a7d f55b7-a0bf -4cd2-98c	2																																																																	
1.46	CL	Crack, longitudinal at 12 o'clock	00:00:23	S19X_a58 2841d-271 7-4ddd-89	2																																																																	
2.13	JN	Junction at 1 o'clock, diameter: 150mm	00:00:26																																																																			
2.13	CC	Crack, circumferential from 12 o'clock to 1 o'clock	00:00:26	S19X_e79 285c3-b78 0-4a96-bc	2																																																																	
2.13	CC	Crack, circumferential from 9 o'clock to 12 o'clock	00:00:26	S19X_50f 21c81-9d7 0-4eae-a7	2																																																																	
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4.83	SA	Survey abandoned: unable to pass	00:00:39																																																																			

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	20.0	6.2	30.0	2.0	2	5.0	1.2	6.0	4.0

Section Pictures - 10/11/2020 - S19X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
23	Downstream	S19X		



S19X_a7df55b7-a0bf-4cd2-98cc-bbabe69b83d3_20201110_11208_279.jpg, 00:00:14, 0.30 m
Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 5% cross-sectional area loss



S19X_a582841d-2717-4ddd-89bc-d7c19de28dfe_20201110_111119_456.jpg, 00:00:23, 1.46 m
Crack, longitudinal at 12 o'clock



S19X_e79285c3-b780-4a96-bc4c-98708fa75e17_20201110_11301_659.jpg, 00:00:26, 2.13 m
Crack, circumferential from 12 o'clock to 1 o'clock



S19X_50f21c81-9d70-4eae-a7b6-a64339ea3148_20201110_111243_796.jpg, 00:00:26, 2.13 m
Crack, circumferential from 9 o'clock to 12 o'clock

Section Pictures - 10/11/2020 - S19X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
23	Downstream	S19X		



S19X_4a93d849-7f6e-4131-852a-cdd98a75d6d2_20201110_111358_217.jpg, 00:00:35, 4.33 m
 Settled deposits, hard or compacted, 25% cross-sectional area loss

Section Inspection - 06/11/2020 - End O LineX

Section 24	Inspection 26	Date 06/11/20	Time 15:59	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR END O LINEX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

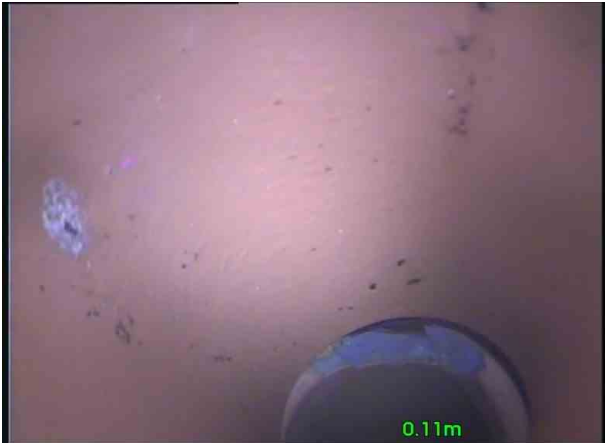
Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	END O LINE
Road:	Whitworth Community School, Hall Fold	Inspected Length:	8.25 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	8.25 m	Downstream Node:	F28
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:72	Position [m]	Code	Observation	MPEG	Photo	Grade		
		Depth: m F28							
		0.00	MH	Start node type, manhole, reference number: F28	00:00:00				
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01				
		0.10	LD	Line deviates down	00:00:09				
		0.15	HJ	Hole in drain or sewer at a joint from 10 o'clock to 1 o'clock	00:00:09	End O LineX_3eb f0905-8f12	5		
		3.13	DEG	Attached deposits, grease from 8 o'clock to 4 o'clock, 5% cross-sectional area loss	00:00:30	End O LineX_128 482e2-076	2		
		4.50	DEX	Settled deposits, other, 10% cross-sectional area loss: Wipes	00:00:35	End O LineX_cbb 0c64e-17d	3		
		5.97	WL	Water level, 10% of the vertical dimension	00:00:42				
		6.28	JN	Junction at 3 o'clock, diameter: 100mm	00:00:43				
		7.30	LL	Line deviates left	00:00:53				
		7.30	OJM	Open joint, medium	00:00:53	End O LineX_7f7 e4528-b4b	1		
		7.44	JN	Junction at 9 o'clock, diameter: 100mm	00:00:54				
		7.57	DEX	Settled deposits, other, 10% cross-sectional area loss: foul waste	00:00:55	End O LineX_960 2674b-762	3		
		7.90	LU	Line deviates up	00:00:58				
		8.25	OCF	Finish node type, other special chamber, reference number: End O Line	00:01:01				
Construction Features				Miscellaneous Features					
Structural Defects				Service & Operational Observations					
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	165.0	20.1	166.0	5.0	3	2.0	0.6	5.0	3.0

Section Pictures - 06/11/2020 - End O LineX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
24	Upstream	END O LINEX		



End O
LineX_3ebf0905-8f12-4606-8371-2f1d9c809901_20201106_160101_166.jpg, 00:00:09, 0.15 m
Hole in drain or sewer at a joint from 10 o'clock to 1 o'clock



End O
LineX_128482e2-076d-411b-9ac6-ab903f453058_20201106_160149_706.jpg, 00:00:30, 3.13 m
Attached deposits, grease from 8 o'clock to 4 o'clock, 5% cross-sectional area loss



End O
LineX_cbb0c64e-17da-49d4-bf4e-dc356e92833c_20201106_160214_546.jpg, 00:00:35, 4.50 m
Settled deposits, other, 10% cross-sectional area loss, Wipes



End O
LineX_7f7e4528-b4be-4f11-8280-db7c87e05b26_20201106_160351_269.jpg, 00:00:53, 7.30 m
Open joint, medium

Section Pictures - 06/11/2020 - End O LineX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
24	Upstream	END O LINEX		



End O

LineX_9602674b-7620-462b-893c-858e941f668b_20201106_160732_192.jpg, 00:00:55, 7.57 m

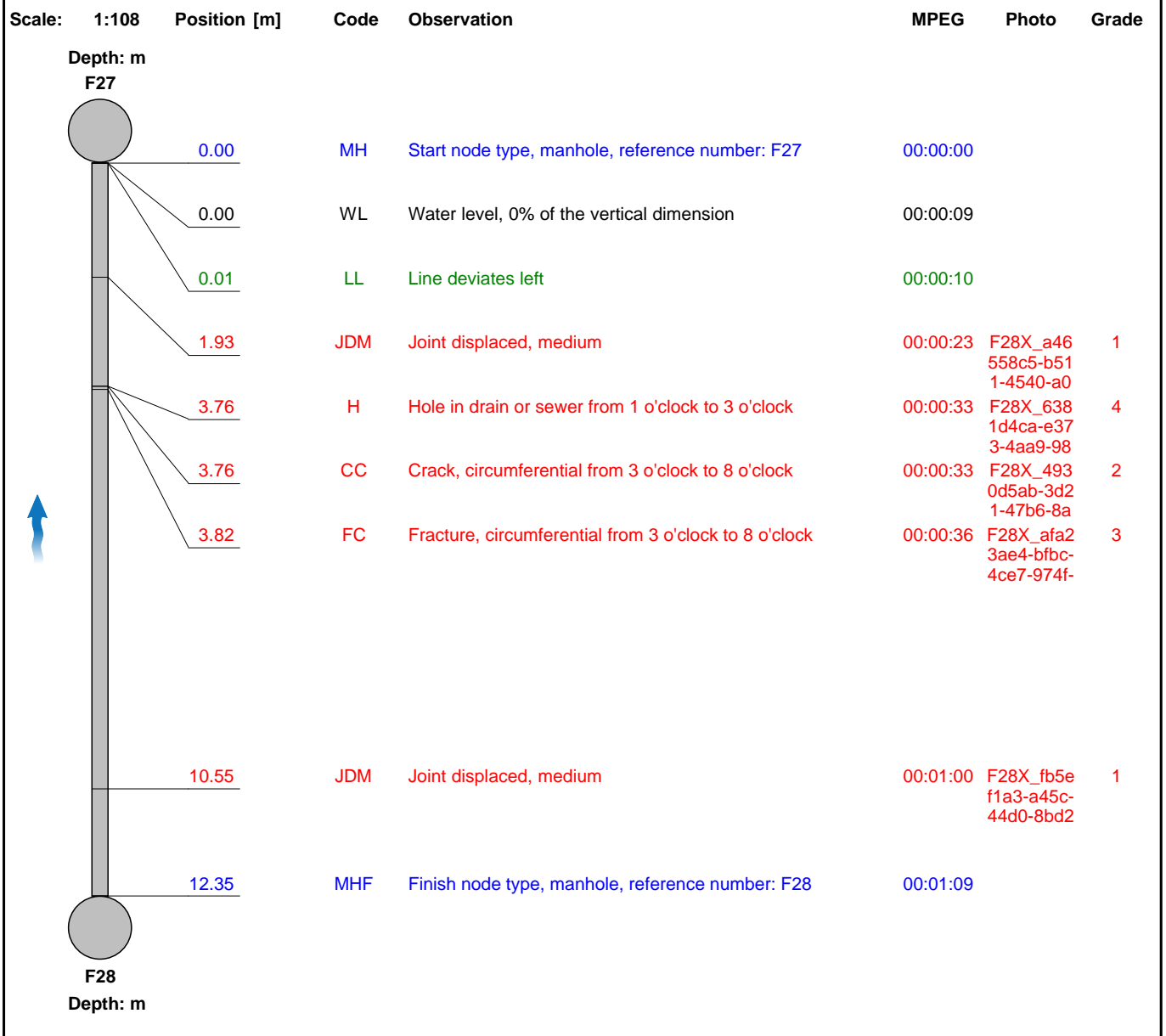
Settled deposits, other, 10% cross-sectional area loss, foul waste

Section Inspection - 06/11/2020 - F28X

Section 25	Inspection 27	Date 06/11/20	Time 16:09	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F28X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	F28
Road:	Whitworth Community School, Hall Fold	Inspected Length:	12.35 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	12.35 m	Downstream Node:	F27
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

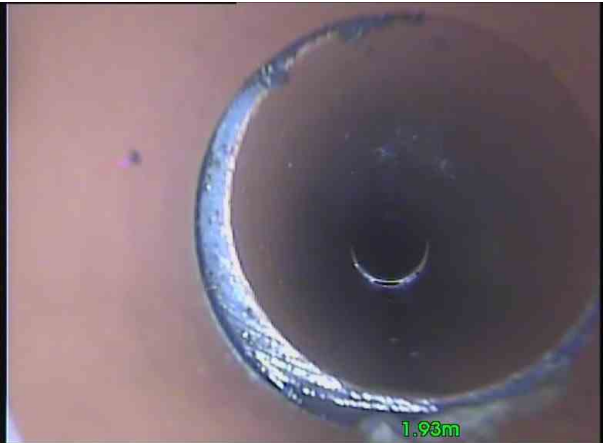
Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
5	130.0	10.7	132.0	4.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/11/2020 - F28X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Upstream	F28X		



F28X_a46558c5-b511-4540-a0c1-7286a003c394_20201106_161117_787.jpg, 00:00:23, 1.93 m
 Joint displaced, medium



F28X_6381d4ca-e373-4aa9-98b2-bce59e1edac9_20201106_161212_176.jpg, 00:00:33, 3.76 m
 Hole in drain or sewer from 1 o'clock to 3 o'clock



F28X_4930d5ab-3d21-47b6-8a81-1e0fb8b79434_20201106_161234_367.jpg, 00:00:33, 3.76 m
 Crack, circumferential from 3 o'clock to 8 o'clock



F28X_afa23ae4-bfbc-4ce7-974f-cb345fcd6a97_20201106_161301_053.jpg, 00:00:36, 3.82 m
 Fracture, circumferential from 3 o'clock to 8 o'clock

Section Pictures - 06/11/2020 - F28X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
25	Upstream	F28X		



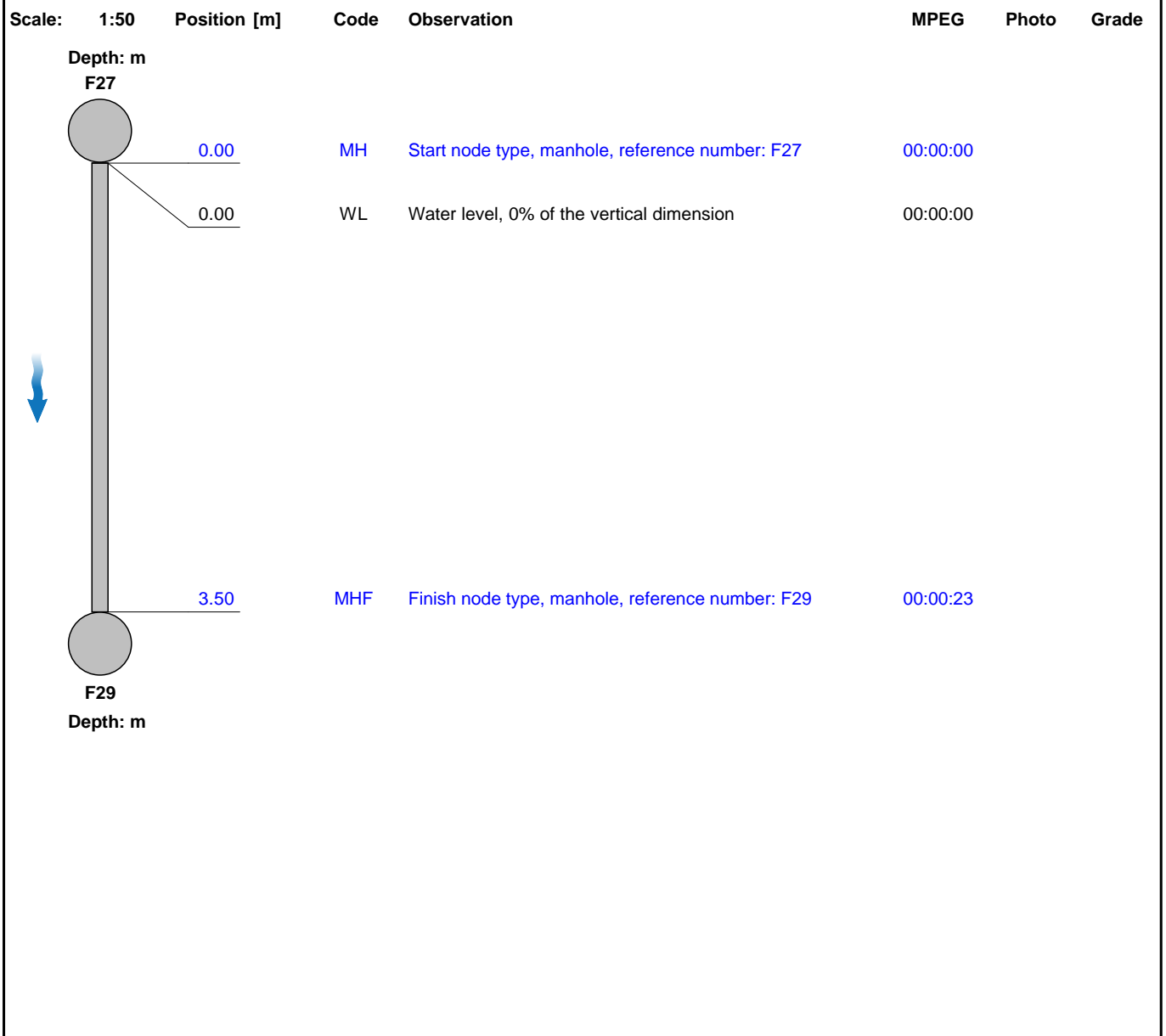
F28X_fb5ef1a3-a45c-44d0-8bd2-b5880a3a00ba_20201106_1
61347_387.jpg, 00:01:00, 10.55 m
Joint displaced, medium

Section Inspection - 06/11/2020 - F27X

Section 26	Inspection 28	Date 06/11/20	Time 16:14	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F27X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	F27
Road:	Whitworth Community School, Hall Fold	Inspected Length:	3.50 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	3.50 m	Downstream Node:	F29
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



Section Inspection - 06/11/2020 - Branch 1X

Section 27	Inspection 29	Date 06/11/20	Time 16:20	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH 1X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH 1
Road:	Whitworth Community School, Hall Fold	Inspected Length:	5.20 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	5.20 m	Downstream Node:	F29
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		F29					
		0.00	MH	Start node type, manhole, reference number: F29	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:10		
		0.10	OJM	Open joint, medium	00:00:11	Branch 1X_3a75bf 34-27d8-4	1
		0.20	LD	Line deviates down	00:00:11		
		0.70	OJM	Open joint, medium	00:00:13	Branch 1X_dd23a 22d-c947-	1
		1.52	CUZ	Loss of vision, other: Blurred lense	00:00:16		
		3.00	JN	Junction at 3 o'clock, diameter: 150mm	00:00:21		
		5.00	JN	Junction at 9 o'clock, diameter: 100mm	00:00:27		
		5.20	SC	Size changes, new size(s), 100mm high	00:00:50		
		5.20	SA	Survey abandoned: unable to push	00:00:52		

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

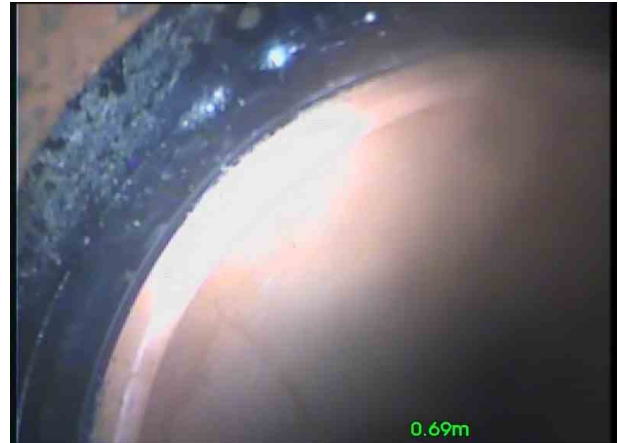
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	1.0	0.4	2.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/11/2020 - Branch 1X

Section 27	Inspection Direction Upstream	PLR BRANCH 1X	Client's Job Ref	Contractor's Job Ref
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Branch
 1X_3a75bf34-27d8-4ee7-93c5-f93aee379d16_20201106_162
 422_024.jpg, 00:00:11, 0.10 m
 Open joint, medium



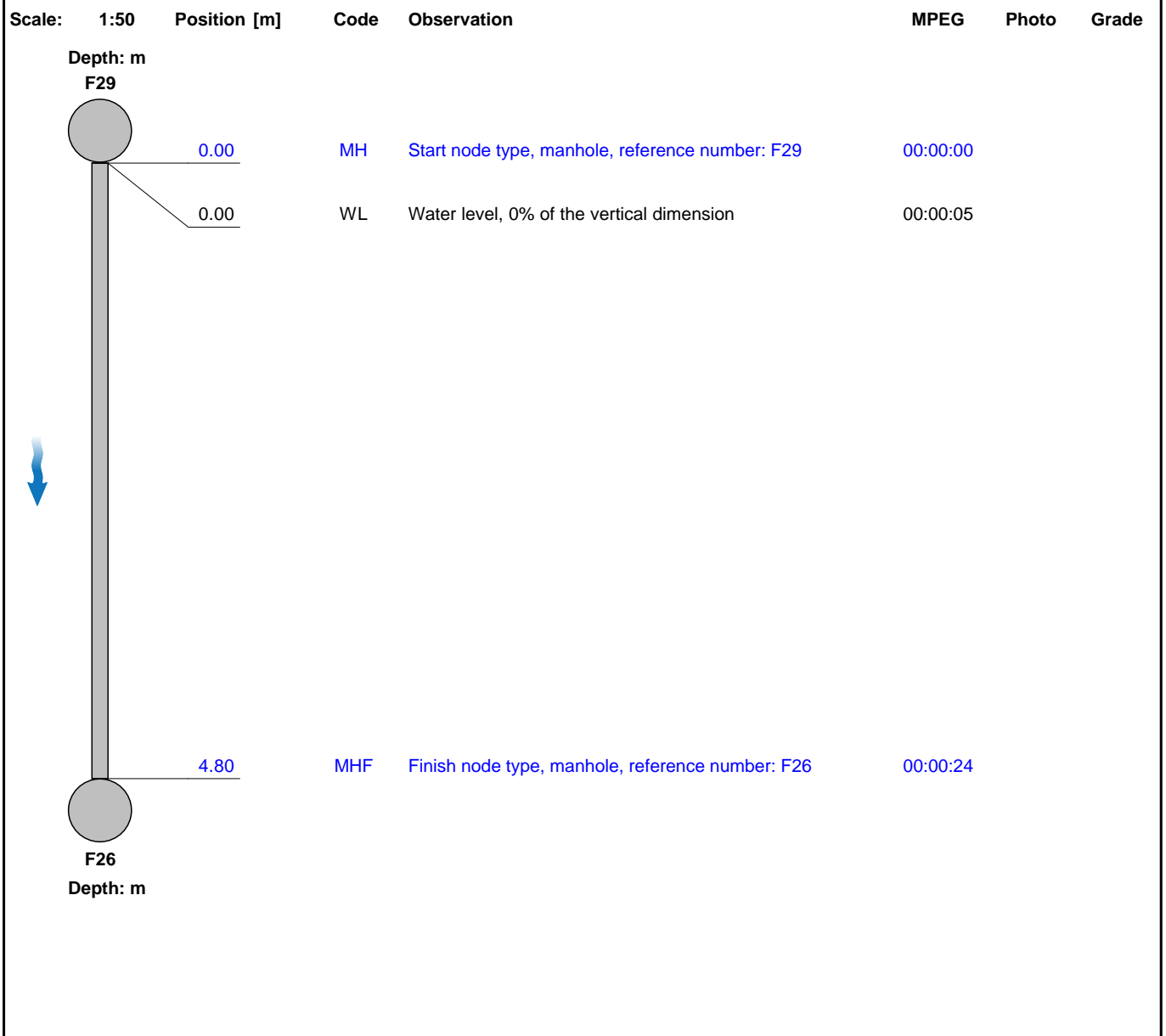
Branch
 1X_dd23a22d-c947-42e0-945c-c064d316966b_20201106_16
 2516_940.jpg, 00:00:13, 0.70 m
 Open joint, medium

Section Inspection - 09/11/2020 - F29X

Section 28	Inspection 30	Date 09/11/20	Time 9:23	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F29X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	F29
Road:	Whitworth Community School, Hall Fold	Inspected Length:	4.80 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	4.80 m	Downstream Node:	F26
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



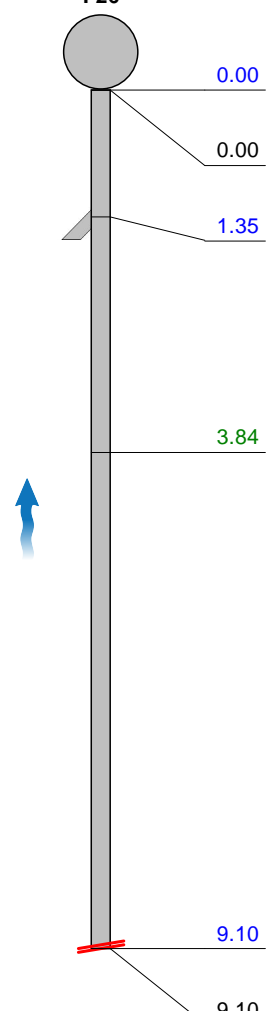
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 09/11/2020 - Branch 1X

Section 29	Inspection 31	Date 09/11/20	Time 9:25	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH 1X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH 1
Road:	Whitworth Community School, Hall Fold	Inspected Length:	9.10 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	9.10 m	Downstream Node:	F26
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:80	Position [m]	Code	Observation	MPEG	Photo	Grade																																										
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>F26</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: F26</td> <td style="text-align: right;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 5% of the vertical dimension</td> <td style="text-align: right;">00:00:08</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.35</td> <td style="text-align: center;">JN</td> <td>Junction at 1 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:00:14</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">3.84</td> <td style="text-align: center;">RF</td> <td>Roots, fine</td> <td style="text-align: right;">00:00:29</td> <td style="text-align: right;">Branch 1X_777a0 828-0268-</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">9.10</td> <td style="text-align: center;">SC</td> <td>Size changes, new size(s), 100mm high</td> <td style="text-align: right;">00:01:21</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">9.10</td> <td style="text-align: center;">SA</td> <td>Survey abandoned: UNABLE TO PASS</td> <td style="text-align: right;">00:01:26</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: F26	00:00:00				0.00	WL	Water level, 5% of the vertical dimension	00:00:08				1.35	JN	Junction at 1 o'clock, diameter: 100mm	00:00:14				3.84	RF	Roots, fine	00:00:29	Branch 1X_777a0 828-0268-	2		9.10	SC	Size changes, new size(s), 100mm high	00:01:21				9.10	SA	Survey abandoned: UNABLE TO PASS	00:01:26			
0.00	MH	Start node type, manhole, reference number: F26	00:00:00																																														
0.00	WL	Water level, 5% of the vertical dimension	00:00:08																																														
1.35	JN	Junction at 1 o'clock, diameter: 100mm	00:00:14																																														
3.84	RF	Roots, fine	00:00:29	Branch 1X_777a0 828-0268-	2																																												
9.10	SC	Size changes, new size(s), 100mm high	00:01:21																																														
9.10	SA	Survey abandoned: UNABLE TO PASS	00:01:26																																														
Construction Features				Miscellaneous Features																																													
Structural Defects				Service & Operational Observations																																													
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade																																								
0	0.0	0.0	0.0	1.0	1	1.0	0.1	1.0	2.0																																								

Section Pictures - 09/11/2020 - Branch 1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
29	Upstream	BRANCH 1X		



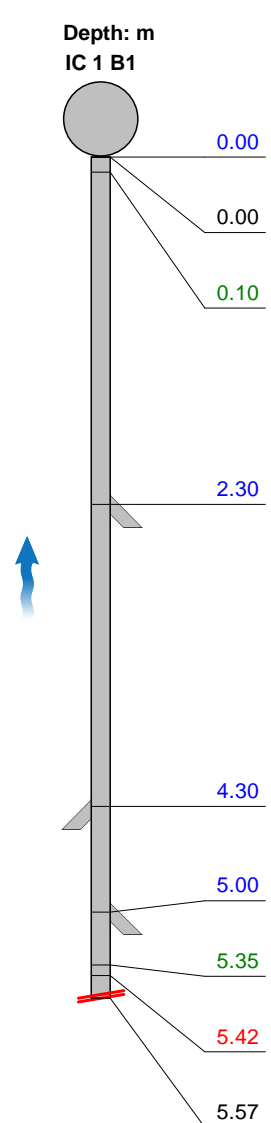
Branch
1X_777a0828-0268-4eb1-b3a1-b9d566abd343_20201109_09
3047_318.jpg, 00:00:29, 3.84 m
Roots, fine

Section Inspection - 09/11/2020 - End O LineX

Section 30	Inspection 32	Date 09/11/20	Time 9:37	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR END O LINEX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	END O LINE
Road:	Whitworth Community School, Hall Fold	Inspected Length:	5.57 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	5.57 m	Downstream Node:	IC 1 B1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																						
<div style="display: flex; align-items: flex-start;"> <div style="width: 20%; border-left: 1px solid black; padding-left: 5px;"> <p>Depth: m</p> <p>IC 1 B1</p>  </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td>IC</td> <td>Start node type, inspection chamber, reference number: IC 1 B1</td> <td>00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% of the vertical dimension</td> <td>00:00:08</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.10</td> <td>LL</td> <td>Line deviates left</td> <td>00:00:11</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">2.30</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 100mm</td> <td>00:00:21</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">4.30</td> <td>JN</td> <td>Junction at 3 o'clock, diameter: 100mm</td> <td>00:00:28</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.00</td> <td>JN</td> <td>Junction at 9 o'clock, diameter: 100mm</td> <td>00:00:30</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.35</td> <td>DEX</td> <td>Settled deposits, other, 15% cross-sectional area loss: Wipes & foul waste</td> <td>00:00:35</td> <td>End O LineX_cc2 7e7c5-fb7</td> <td>3</td> </tr> <tr> <td style="text-align: right;">5.42</td> <td>OJM</td> <td>Open joint, medium</td> <td>00:00:35</td> <td>End O LineX_5e6 2225e-acc</td> <td>1</td> </tr> <tr> <td style="text-align: right;">5.57</td> <td>SA</td> <td>Survey abandoned: unable to pass</td> <td>00:00:39</td> <td></td> <td></td> </tr> </table> </div>								0.00	IC	Start node type, inspection chamber, reference number: IC 1 B1	00:00:00			0.00	WL	Water level, 5% of the vertical dimension	00:00:08			0.10	LL	Line deviates left	00:00:11			2.30	JN	Junction at 9 o'clock, diameter: 100mm	00:00:21			4.30	JN	Junction at 3 o'clock, diameter: 100mm	00:00:28			5.00	JN	Junction at 9 o'clock, diameter: 100mm	00:00:30			5.35	DEX	Settled deposits, other, 15% cross-sectional area loss: Wipes & foul waste	00:00:35	End O LineX_cc2 7e7c5-fb7	3	5.42	OJM	Open joint, medium	00:00:35	End O LineX_5e6 2225e-acc	1	5.57	SA	Survey abandoned: unable to pass	00:00:39		
0.00	IC	Start node type, inspection chamber, reference number: IC 1 B1	00:00:00																																																										
0.00	WL	Water level, 5% of the vertical dimension	00:00:08																																																										
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5.35	DEX	Settled deposits, other, 15% cross-sectional area loss: Wipes & foul waste	00:00:35	End O LineX_cc2 7e7c5-fb7	3																																																								
5.42	OJM	Open joint, medium	00:00:35	End O LineX_5e6 2225e-acc	1																																																								
5.57	SA	Survey abandoned: unable to pass	00:00:39																																																										

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	0.2	1.0	1.0	1	2.0	0.4	2.0	3.0

Section Pictures - 09/11/2020 - End O LineX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
30	Upstream	END O LINEX		



End O

 LineX_cc27e7c5-fb7c-4fef-bf07-64c30c27bfb5_20201109_094
 343_111.jpg, 00:00:35, 5.35 m

 Settled deposits, other, 15% cross-sectional area loss, Wipes
 & foul waste


End O

 LineX_5e62225e-acca-476a-9056-b6df40273eef_20201109_0
 94445_220.jpg, 00:00:35, 5.42 m

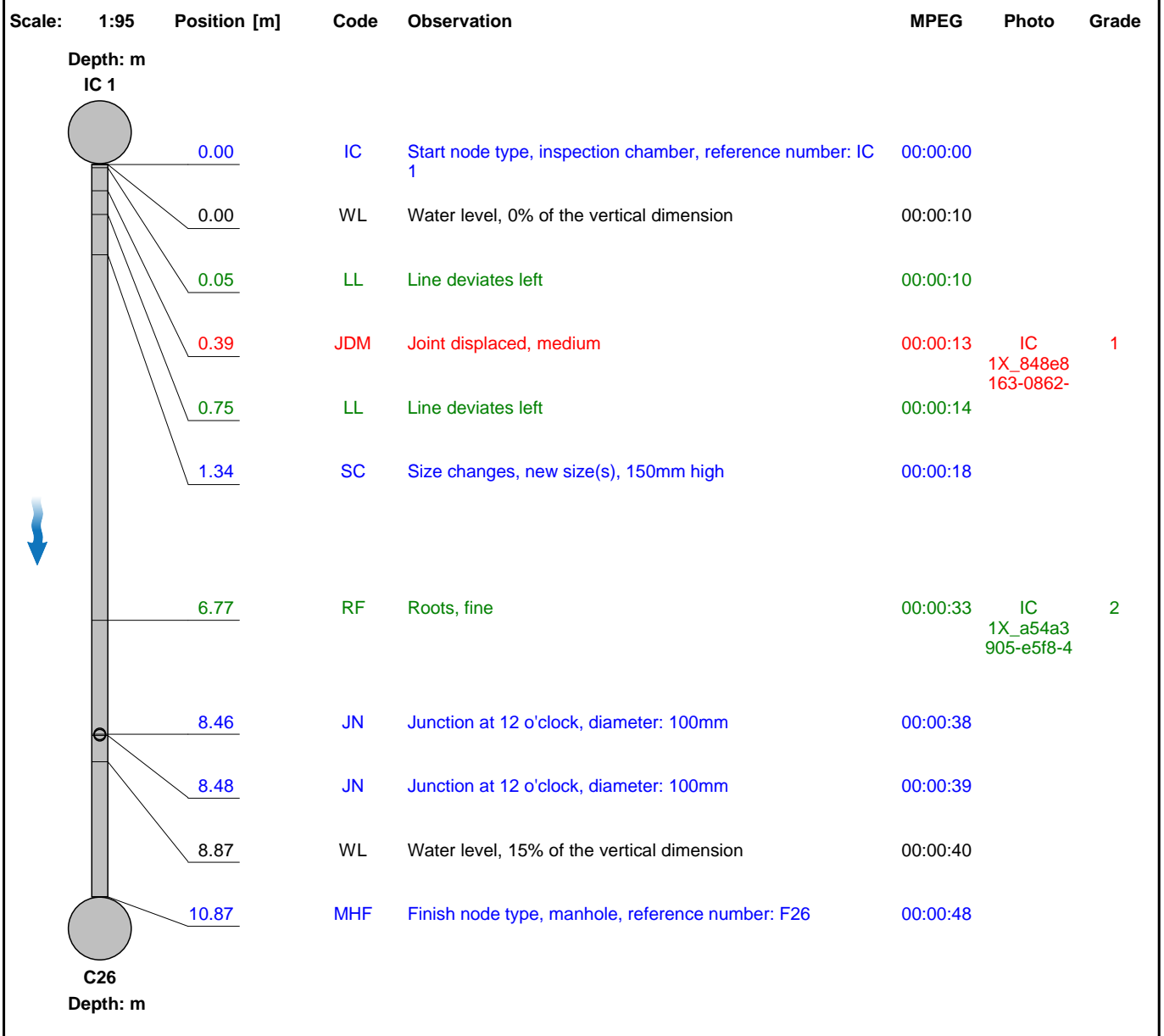
Open joint, medium

Section Inspection - 09/11/2020 - IC 1X

Section 31	Inspection 33	Date 09/11/20	Time 9:45	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR IC 1X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	IC 1
Road:	Whitworth Community School, Hall Fold	Inspected Length:	10.87 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	10.87 m	Downstream Node:	C26
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

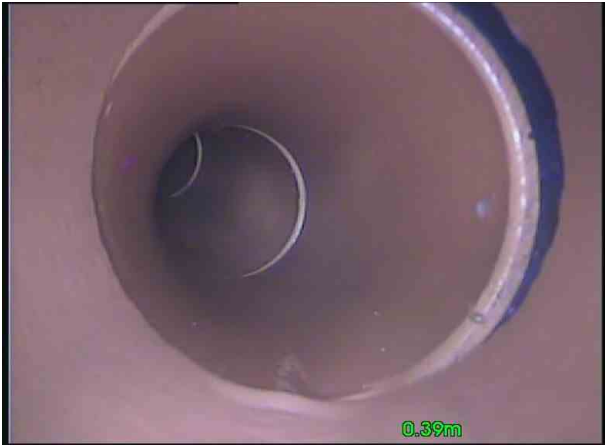
Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.1	1.0	1.0	1	1.0	0.1	1.0	2.0

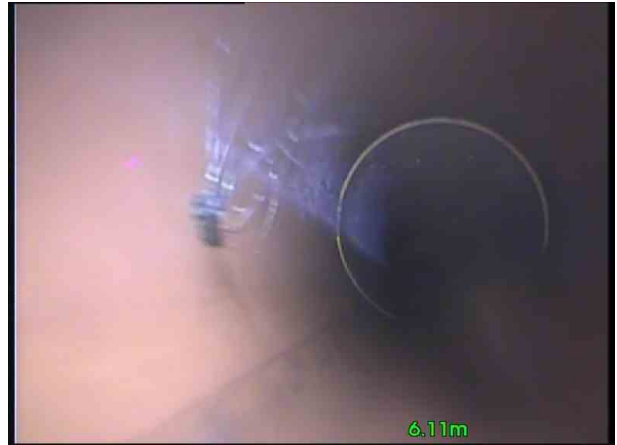
Section Pictures - 09/11/2020 - IC 1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
31	Downstream	IC 1X		



IC

1X_848e8163-0862-4f8a-aa67-ac770125ea9f_20201109_100
 036_112.jpg, 00:00:13, 0.39 m
 Joint displaced, medium



IC

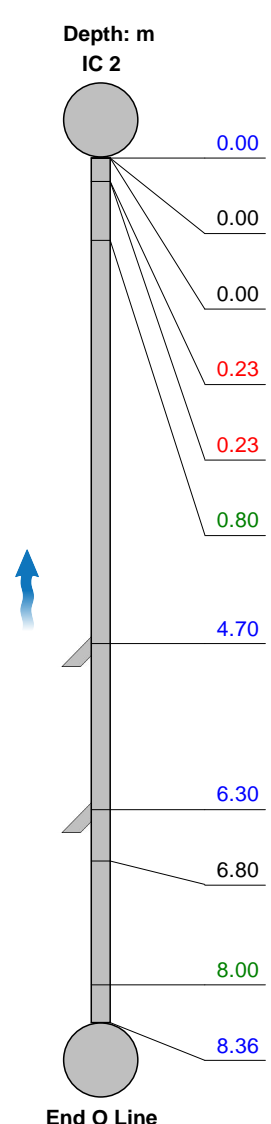
1X_a54a3905-e5f8-4af7-8158-9a2c2354d86a_20201109_100
 252_369.jpg, 00:00:33, 6.77 m
 Roots, fine

Section Inspection - 09/11/2020 - End O LineX

Section 32	Inspection 34	Date 09/11/20	Time 10:08	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR END O LINEX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	END O LINE
Road:	Whitworth Community School, Hall Fold	Inspected Length:	8.86 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	8.36 m	Downstream Node:	IC 2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:73	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 IC 2</p>  <p style="text-align: center;">End O Line Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td>IC</td> <td>Start node type, inspection chamber, reference number: IC 2</td> <td>00:00:00</td> <td></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>00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 10% of the vertical dimension</td> <td>00:00:20</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.23</td> <td>CL</td> <td>Crack, longitudinal at 2 o'clock</td> <td>00:00:15</td> <td>End O LineX_8bf572d9-107</td> <td>2</td> </tr> <tr> <td style="text-align: right;">0.23</td> <td>CL</td> <td>Crack, longitudinal at 10 o'clock</td> <td>00:00:15</td> <td>End O LineX_21e96b31-727</td> <td>2</td> </tr> <tr> <td style="text-align: right;">0.80</td> <td>DES</td> <td>Settled deposits, fine, 10% cross-sectional area loss</td> <td>00:00:18</td> <td>End O LineX_ccacb8fa-e7d</td> <td>3</td> </tr> <tr> <td style="text-align: right;">4.70</td> <td>JN</td> <td>Junction at 3 o'clock, diameter: 100mm</td> <td>00:00:38</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">6.30</td> <td>JN</td> <td>Junction at 3 o'clock, diameter: 100mm</td> <td>00:00:43</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">6.80</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:44</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">8.00</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:49</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">8.36</td> <td>OCF</td> <td>Finish node type, other special chamber, reference number: End O Line</td> <td>00:00:52</td> <td></td> <td></td> </tr> </table> </div>								0.00	IC	Start node type, inspection chamber, reference number: IC 2	00:00:00			0.00	WL	Water level, 0% of the vertical dimension	00:00:02			0.00	WL	Water level, 10% of the vertical dimension	00:00:20			0.23	CL	Crack, longitudinal at 2 o'clock	00:00:15	End O LineX_8bf572d9-107	2	0.23	CL	Crack, longitudinal at 10 o'clock	00:00:15	End O LineX_21e96b31-727	2	0.80	DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:18	End O LineX_ccacb8fa-e7d	3	4.70	JN	Junction at 3 o'clock, diameter: 100mm	00:00:38			6.30	JN	Junction at 3 o'clock, diameter: 100mm	00:00:43			6.80	WL	Water level, 0% of the vertical dimension	00:00:44			8.00	LU	Line deviates up	00:00:49			8.36	OCF	Finish node type, other special chamber, reference number: End O Line	00:00:52		
0.00	IC	Start node type, inspection chamber, reference number: IC 2	00:00:00																																																																						
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																																																																						
0.00	WL	Water level, 10% of the vertical dimension	00:00:20																																																																						
0.23	CL	Crack, longitudinal at 2 o'clock	00:00:15	End O LineX_8bf572d9-107	2																																																																				
0.23	CL	Crack, longitudinal at 10 o'clock	00:00:15	End O LineX_21e96b31-727	2																																																																				
0.80	DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:18	End O LineX_ccacb8fa-e7d	3																																																																				
4.70	JN	Junction at 3 o'clock, diameter: 100mm	00:00:38																																																																						
6.30	JN	Junction at 3 o'clock, diameter: 100mm	00:00:43																																																																						
6.80	WL	Water level, 0% of the vertical dimension	00:00:44																																																																						
8.00	LU	Line deviates up	00:00:49																																																																						
8.36	OCF	Finish node type, other special chamber, reference number: End O Line	00:00:52																																																																						

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	20.0	2.4	20.0	2.0	1	2.0	0.2	2.0	3.0

Section Pictures - 09/11/2020 - End O LineX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
32	Upstream	END O LINEX		



End O
 LineX_8bf572d9-1073-4fd8-8079-dd29252b1eb8_20201109_1
 01306_920.jpg, 00:00:15, 0.23 m
 Crack, longitudinal at 2 o'clock



End O
 LineX_21e96b31-7273-4a78-96a6-e1f5af0f99a1_20201109_1
 01245_296.jpg, 00:00:15, 0.23 m
 Crack, longitudinal at 10 o'clock



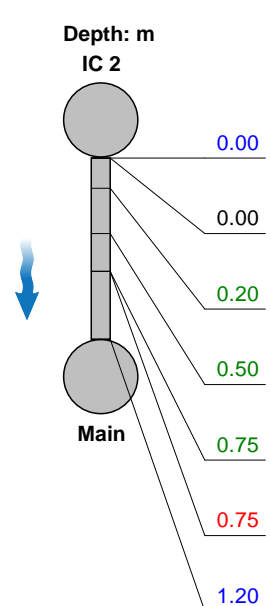
End O
 LineX_ccacb8fa-e7d4-4bdc-9e3b-3f455fe38f59_20201109_10
 1405_971.jpg, 00:00:18, 0.80 m
 Settled deposits, fine, 10% cross-sectional area loss

Section Inspection - 09/11/2020 - IC 2X

Section 33	Inspection 35	Date 09/11/20	Time 10:21	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR IC 2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	IC 2
Road:	Whitworth Community School, Hall Fold	Inspected Length:	1.20 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.20 m	Downstream Node:	MAIN
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

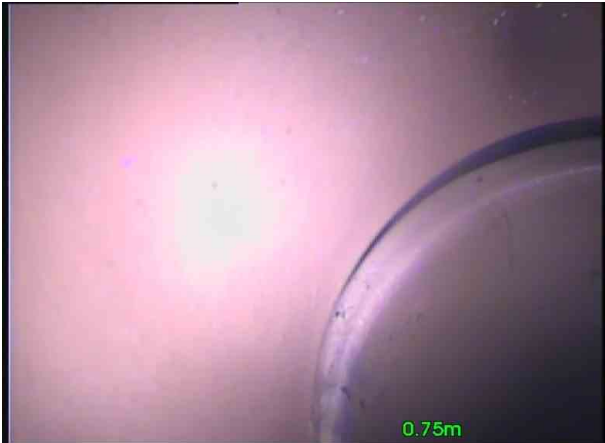
Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: m</p>  <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;">0.00</td> <td style="width: 10%;">IC</td> <td style="width: 40%;">Start node type, inspection chamber, reference number: IC 2</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.00</td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td>00:00:09</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.20</td> <td>LL</td> <td>Line deviates left</td> <td>00:00:09</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.50</td> <td>LU</td> <td>Line deviates up</td> <td>00:00:12</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.75</td> <td>LD</td> <td>Line deviates down</td> <td>00:00:14</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.75</td> <td>OJM</td> <td>Open joint, medium</td> <td>00:00:14</td> <td></td> <td style="color: red;">IC 1 2X_e280b d65-7c4f-4</td> </tr> <tr> <td></td> <td>1.20</td> <td>OCF</td> <td>Finish node type, other special chamber, reference number: Main</td> <td>00:00:21</td> <td></td> <td></td> </tr> </table></div>									0.00	IC	Start node type, inspection chamber, reference number: IC 2	00:00:00				0.00	WL	Water level, 0% of the vertical dimension	00:00:09				0.20	LL	Line deviates left	00:00:09				0.50	LU	Line deviates up	00:00:12				0.75	LD	Line deviates down	00:00:14				0.75	OJM	Open joint, medium	00:00:14		IC 1 2X_e280b d65-7c4f-4		1.20	OCF	Finish node type, other special chamber, reference number: Main	00:00:21		
	0.00	IC	Start node type, inspection chamber, reference number: IC 2	00:00:00																																																				
	0.00	WL	Water level, 0% of the vertical dimension	00:00:09																																																				
	0.20	LL	Line deviates left	00:00:09																																																				
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	0.75	LD	Line deviates down	00:00:14																																																				
	0.75	OJM	Open joint, medium	00:00:14		IC 1 2X_e280b d65-7c4f-4																																																		
	1.20	OCF	Finish node type, other special chamber, reference number: Main	00:00:21																																																				

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.8	1.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/11/2020 - IC 2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
33	Downstream	IC 2X		



IC

2X_e280bd65-7c4f-4d8b-a048-7ee9601a9f15_20201109_102
427_241.jpg, 00:00:14, 0.75 m
Open joint, medium

Section Inspection - 09/11/2020 - C26X

Section 34	Inspection 36	Date 09/11/20	Time 10:26	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C26X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	C26
Road:	Whitworth Community School, Hall Fold	Inspected Length:	5.36 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	5.36 m	Downstream Node:	C21
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m C21					
		0.00	MH	Start node type, manhole, reference number: F21	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:05		
		0.20	LU	Line deviates up	00:00:16		
		1.06	LL	Line deviates left	00:00:28		
		3.28	JDM	Joint displaced, medium	00:00:40	F26X_8a3 16306-a8c 9-4c09-a7	1
		3.50	LD	Line deviates down	00:00:42		
		5.36	MHF	Finish node type, manhole, reference number: F26	00:00:52		
		C26 Depth: m					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.2	1.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/11/2020 - C26X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
34	Upstream	C26X		



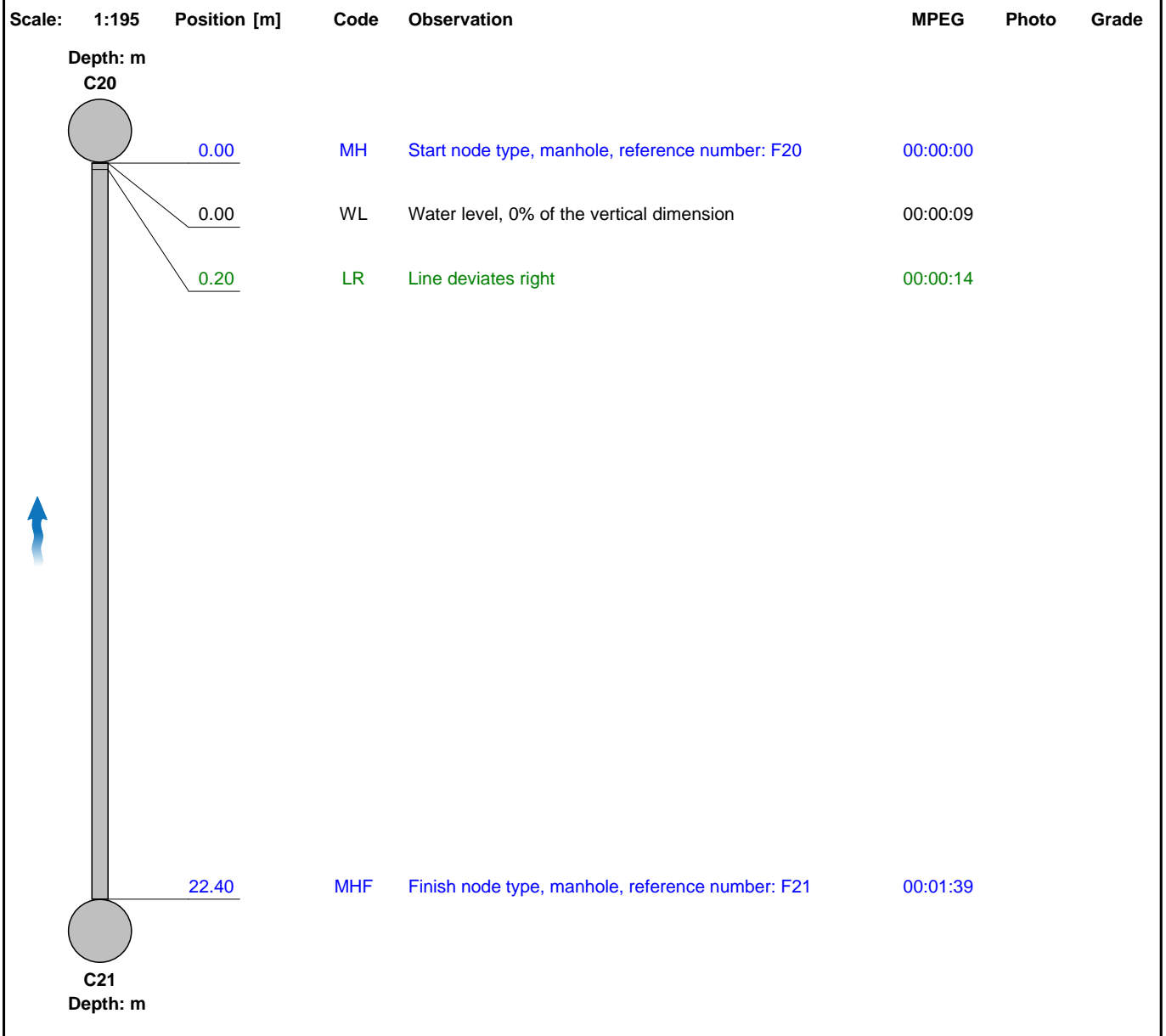
F26X_8a316306-a8c9-4c09-a751-6550f28f0739_20201109_1
03701_751.jpg, 00:00:40, 3.28 m
Joint displaced, medium

Section Inspection - 09/11/2020 - C21X

Section 35	Inspection 37	Date 09/11/20	Time 10:41	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C21X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	C21
Road:	Whitworth Community School, Hall Fold	Inspected Length:	22.40 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	22.40 m	Downstream Node:	C20
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



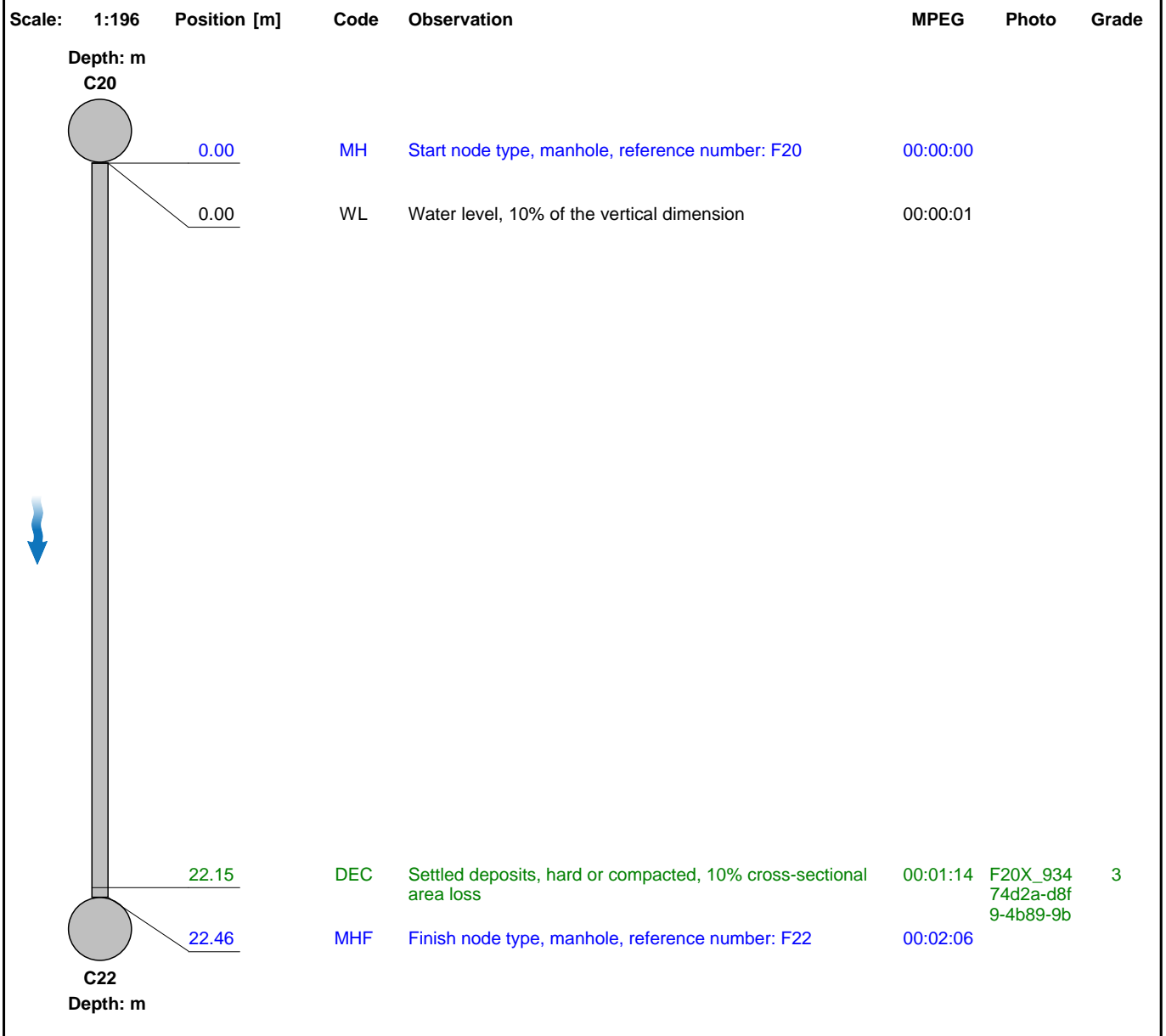
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 09/11/2020 - C20X

Section 36	Inspection 38	Date 09/11/20	Time 10:57	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C20X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C20
Road:	Whitworth Community School, Hall Fold	Inspected Length:	22.46 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	22.46 m	Downstream Node:	C22
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.1	2.0	3.0

Section Pictures - 09/11/2020 - C20X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
36	Downstream	C20X		



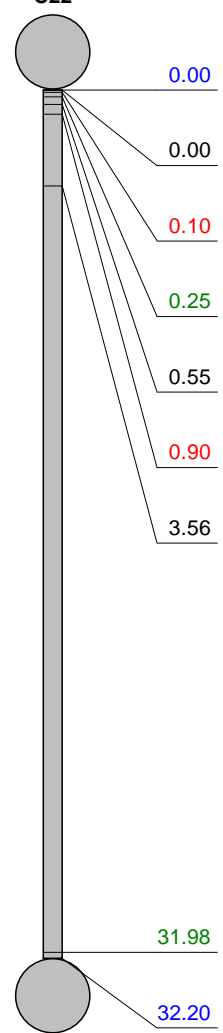
F20X_93474d2a-d8f9-4b89-9b81-7183b8db47b1_20201109_111728_977.jpg, 00:01:14, 22.15 m
Settled deposits, hard or compacted, 10% cross-sectional area loss

Section Inspection - 09/11/2020 - C22X

Section 37	Inspection 39	Date 09/11/20	Time 11:18	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C22X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C22
Road:	Whitworth Community School, Hall Fold	Inspected Length:	32.20 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	32.20 m	Downstream Node:	C23
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:280	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																								
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: m</p> <p>C22</p>  <p>C23</p> <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: C22</td> <td style="width: 10%; text-align: center;">00:00:00</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">0.00</td> <td></td> <td style="text-align: center;">WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:09</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">0.10</td> <td></td> <td style="text-align: center;">JDL</td> <td style="color: red;">Joint displaced, large</td> <td style="text-align: center;">00:00:10</td> <td style="color: red; text-align: center;">C22X_e02 2b4d2-b8a e-4c06-b6</td> <td style="text-align: center;">1</td> </tr> <tr> <td></td> <td style="text-align: center;">0.25</td> <td></td> <td style="text-align: center;">LD</td> <td style="color: green;">Line deviates down</td> <td style="text-align: center;">00:00:10</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">0.55</td> <td></td> <td style="text-align: center;">WL</td> <td>Water level, 10% of the vertical dimension</td> <td style="text-align: center;">00:00:12</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">0.90</td> <td></td> <td style="text-align: center;">JDM</td> <td style="color: red;">Joint displaced, medium</td> <td style="text-align: center;">00:00:13</td> <td style="color: red; text-align: center;">C22X_2cf df079-b21 c-420a-b1</td> <td style="text-align: center;">1</td> </tr> <tr> <td></td> <td style="text-align: center;">3.56</td> <td></td> <td style="text-align: center;">WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:21</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">31.98</td> <td></td> <td style="text-align: center;">DEGJ</td> <td style="color: green;">Attached deposits, grease at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss</td> <td style="text-align: center;">00:01:56</td> <td style="color: green; text-align: center;">C22X_f3fc c9f7-461d- 4e92-92ea</td> <td style="text-align: center;">3</td> </tr> <tr> <td></td> <td style="text-align: center;">32.20</td> <td></td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: C23</td> <td style="text-align: center;">00:02:06</td> <td></td> <td></td> </tr> </table> </div>									0.00		MH	Start node type, manhole, reference number: C22	00:00:00				0.00		WL	Water level, 0% of the vertical dimension	00:00:09				0.10		JDL	Joint displaced, large	00:00:10	C22X_e02 2b4d2-b8a e-4c06-b6	1		0.25		LD	Line deviates down	00:00:10				0.55		WL	Water level, 10% of the vertical dimension	00:00:12				0.90		JDM	Joint displaced, medium	00:00:13	C22X_2cf df079-b21 c-420a-b1	1		3.56		WL	Water level, 0% of the vertical dimension	00:00:21				31.98		DEGJ	Attached deposits, grease at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss	00:01:56	C22X_f3fc c9f7-461d- 4e92-92ea	3		32.20		MHF	Finish node type, manhole, reference number: C23	00:02:06		
	0.00		MH	Start node type, manhole, reference number: C22	00:00:00																																																																										
	0.00		WL	Water level, 0% of the vertical dimension	00:00:09																																																																										
	0.10		JDL	Joint displaced, large	00:00:10	C22X_e02 2b4d2-b8a e-4c06-b6	1																																																																								
	0.25		LD	Line deviates down	00:00:10																																																																										
	0.55		WL	Water level, 10% of the vertical dimension	00:00:12																																																																										
	0.90		JDM	Joint displaced, medium	00:00:13	C22X_2cf df079-b21 c-420a-b1	1																																																																								
	3.56		WL	Water level, 0% of the vertical dimension	00:00:21																																																																										
	31.98		DEGJ	Attached deposits, grease at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss	00:01:56	C22X_f3fc c9f7-461d- 4e92-92ea	3																																																																								
	32.20		MHF	Finish node type, manhole, reference number: C23	00:02:06																																																																										

Construction Features					Miscellaneous Features						
Structural Defects					Service & Operational Observations						
STR No.	Def	STR Peak	STR Mean	STR Total	STR Grade	SER No.	Def	SER Peak	SER Mean	SER Total	SER Grade
2		2.0	0.1	3.0	1.0	1		2.0	0.1	2.0	3.0

Section Pictures - 09/11/2020 - C22X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
37	Downstream	C22X		



C22X_e022b4d2-b8ae-4c06-b650-ffd1859f2783_20201109_1
 12516_904.jpg, 00:00:10, 0.10 m
 Joint displaced, large



C22X_2cfd079-b21c-420a-b1b0-7a9959477650_20201109_1
 12618_757.jpg, 00:00:13, 0.90 m
 Joint displaced, medium



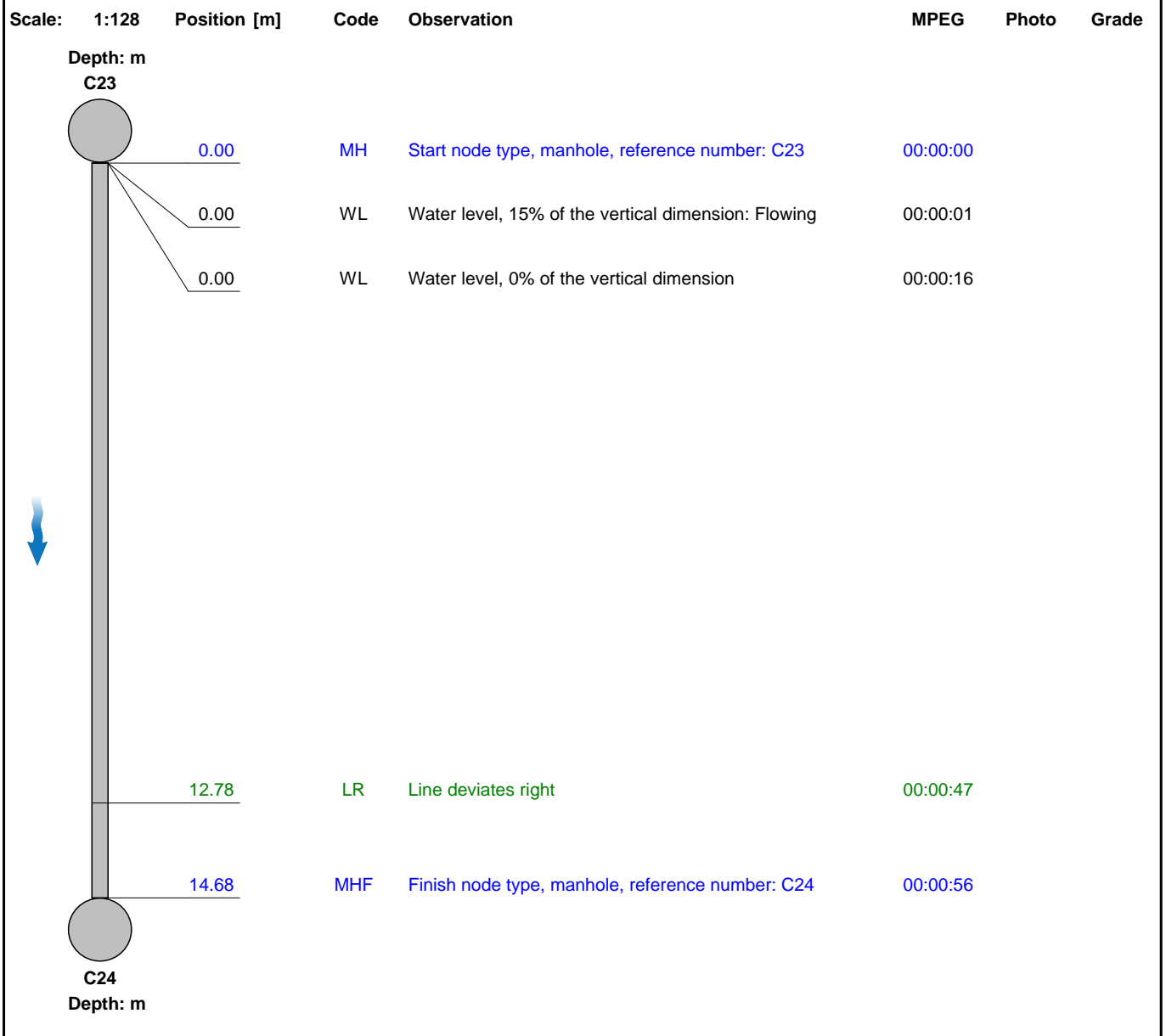
C22X_f3fcc9f7-461d-4e92-92ea-bebe98ced525_20201109_1
 12953_401.jpg, 00:01:56, 31.98 m
 Attached deposits, grease at joint from 7 o'clock to 5 o'clock,
 10% cross-sectional area loss

Section Inspection - 09/11/2020 - C23X

Section 38	Inspection 40	Date 09/11/20	Time 15:07	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C23X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C23
Road:	Whitworth Community School, Hall Fold	Inspected Length:	14.68 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	14.68 m	Downstream Node:	C24
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



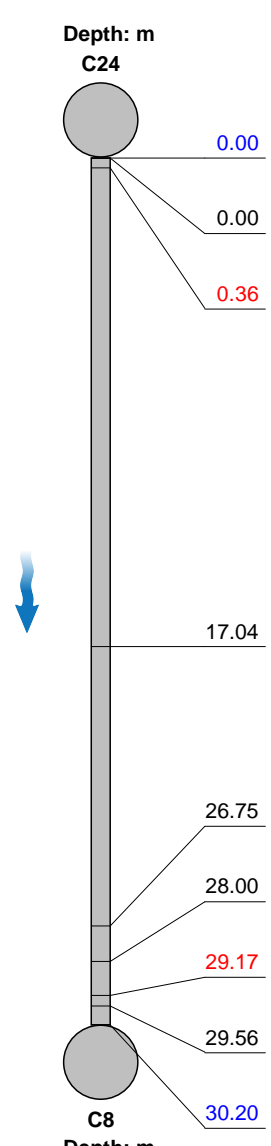
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 09/11/2020 - C24X

Section 39	Inspection 41	Date 09/11/20	Time 15:10	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C24X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C24
Road:	Whitworth Community School, Hall Fold	Inspected Length:	30.20 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	30.20 m	Downstream Node:	C8
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:263	Position [m]	Code	Observation	MPEG	Photo	Grade																																																															
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> Depth: m C24  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">MH</td> <td>Start node type, manhole, reference number: C24</td> <td style="text-align: center;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: center;">WL</td> <td>Water level, 5% of the vertical dimension: flowing</td> <td style="text-align: center;">00:00:01</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.36</td> <td style="text-align: center;">OJM</td> <td>Open joint, medium</td> <td style="text-align: center;">00:00:11</td> <td style="text-align: center;">C24X_631 62552-599 b-4347-98</td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: right;">17.04</td> <td style="text-align: center;">WL</td> <td>Water level, 15% of the vertical dimension</td> <td style="text-align: center;">00:00:54</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">26.75</td> <td style="text-align: center;">WL</td> <td>Water level, 25% of the vertical dimension</td> <td style="text-align: center;">00:01:23</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">28.00</td> <td style="text-align: center;">CUW</td> <td>Loss of vision, camera under water</td> <td style="text-align: center;">00:01:27</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">29.17</td> <td style="text-align: center;">JDM</td> <td>Joint displaced, medium</td> <td style="text-align: center;">00:01:31</td> <td style="text-align: center;">C24X_5fd e7871-3cd 0-44f8-ba4</td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: right;">29.56</td> <td style="text-align: center;">WL</td> <td>Water level, 10% of the vertical dimension</td> <td style="text-align: center;">00:01:32</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">30.20</td> <td style="text-align: center;">MHF</td> <td>Finish node type, manhole, reference number: C8</td> <td style="text-align: center;">00:01:39</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: C24	00:00:00				0.00	WL	Water level, 5% of the vertical dimension: flowing	00:00:01				0.36	OJM	Open joint, medium	00:00:11	C24X_631 62552-599 b-4347-98	1		17.04	WL	Water level, 15% of the vertical dimension	00:00:54				26.75	WL	Water level, 25% of the vertical dimension	00:01:23				28.00	CUW	Loss of vision, camera under water	00:01:27				29.17	JDM	Joint displaced, medium	00:01:31	C24X_5fd e7871-3cd 0-44f8-ba4	1		29.56	WL	Water level, 10% of the vertical dimension	00:01:32				30.20	MHF	Finish node type, manhole, reference number: C8	00:01:39			
0.00	MH	Start node type, manhole, reference number: C24	00:00:00																																																																			
0.00	WL	Water level, 5% of the vertical dimension: flowing	00:00:01																																																																			
0.36	OJM	Open joint, medium	00:00:11	C24X_631 62552-599 b-4347-98	1																																																																	
17.04	WL	Water level, 15% of the vertical dimension	00:00:54																																																																			
26.75	WL	Water level, 25% of the vertical dimension	00:01:23																																																																			
28.00	CUW	Loss of vision, camera under water	00:01:27																																																																			
29.17	JDM	Joint displaced, medium	00:01:31	C24X_5fd e7871-3cd 0-44f8-ba4	1																																																																	
29.56	WL	Water level, 10% of the vertical dimension	00:01:32																																																																			
30.20	MHF	Finish node type, manhole, reference number: C8	00:01:39																																																																			

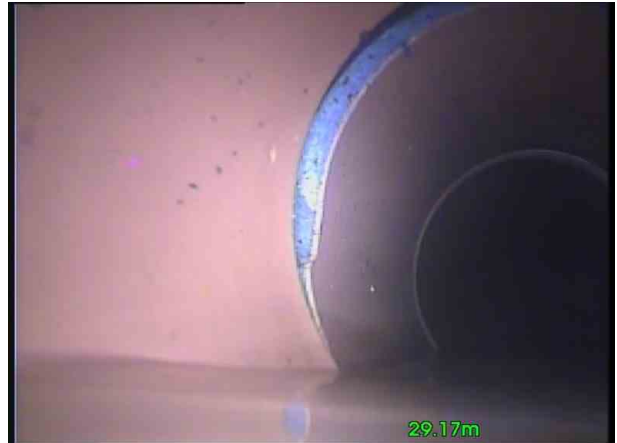
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	1.0	0.1	2.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 09/11/2020 - C24X

Section 39	Inspection Direction Downstream	PLR C24X	Client's Job Ref	Contractor's Job Ref
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C24X_63162552-599b-4347-9877-9fc4f1c0b111_20201109_1
 51053_716.jpg, 00:00:11, 0.36 m
 Open joint, medium



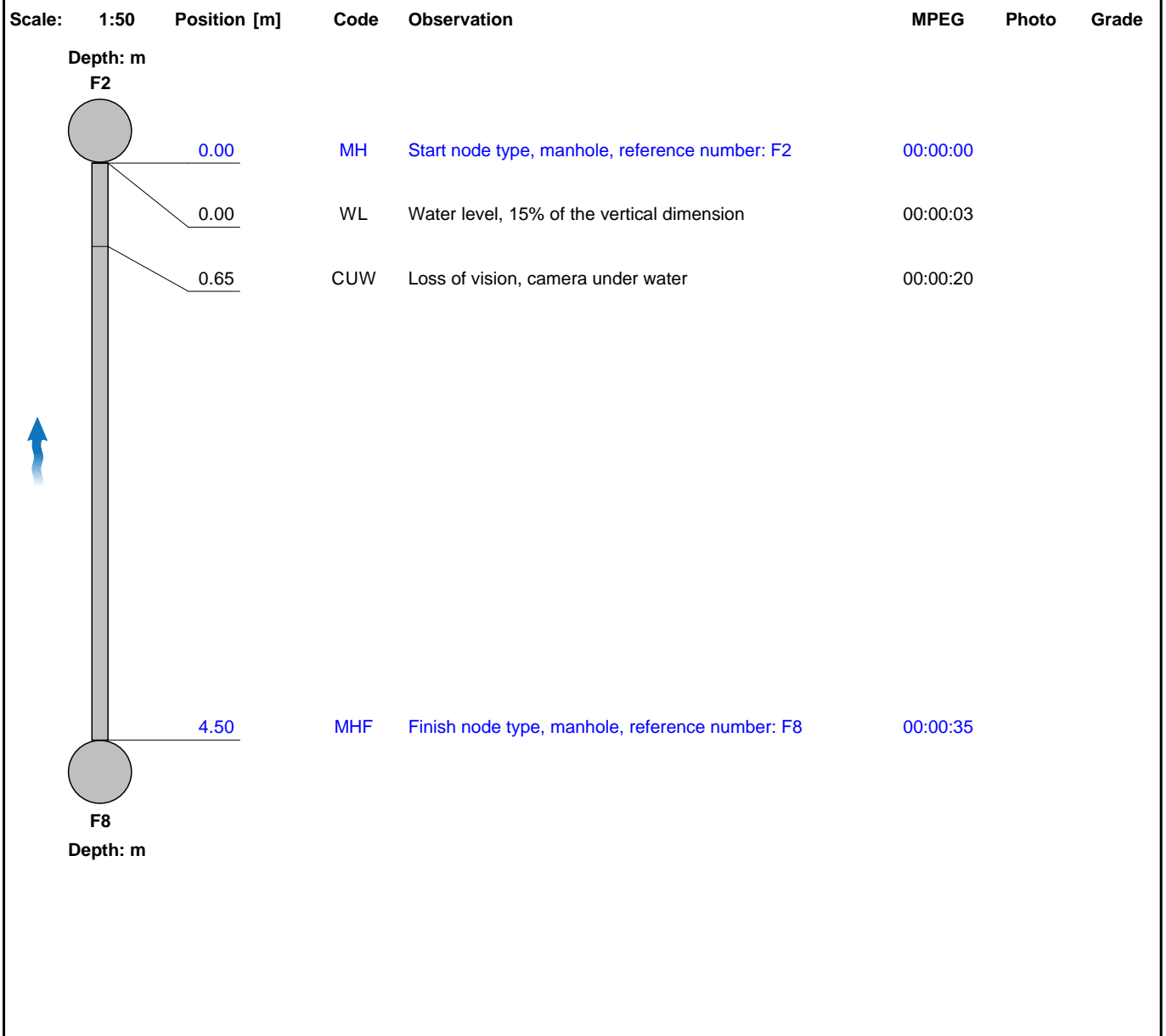
C24X_5fde7871-3cd0-44f8-ba4d-524881231a5b_20201109_1
 51425_981.jpg, 00:01:31, 29.17 m
 Joint displaced, medium

Section Inspection - 09/11/2020 - F8X

Section 40	Inspection 42	Date 09/11/20	Time 15:15	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F8X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	F8
Road:	Whitworth Community School, Hall Fold	Inspected Length:	4.50 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	4.50 m	Downstream Node:	F2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



Section Inspection - 09/11/2020 - USX

Section 41	Inspection 43	Date 09/11/20	Time 15:24	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	28.17 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	28.17 m	Downstream Node:	F6
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

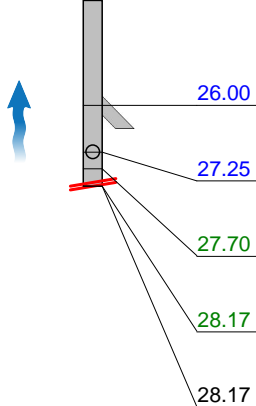
Comments:
Recommendations:

Scale:	1:202	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m F6					
		0.00	MH	Start node type, manhole, reference number: F6	00:00:00		
		0.00	WL	Water level, 70% of the vertical dimension	00:00:13		
		0.00	JN	Junction at 3 o'clock, diameter: 100mm	00:00:19		
		0.05	CUW	Loss of vision, camera under water	00:00:19		
		0.05	WLC	Clear water level, 70% of the vertical dimension	00:00:19		
		1.40	WL	Water level, 20% of the vertical dimension	00:00:27		
		5.27	WL	Water level, 10% of the vertical dimension	00:00:44		
		9.34	JDM	Joint displaced, medium	00:01:00	USX_548e 278a-9421 -410b-828	1
		14.06	DER	Settled deposits, coarse, 15% cross-sectional area loss	00:01:19	USX_1d89 47bd-7930 -483c-883	3
		14.50	CUZ	Loss of vision, other: Coarse	00:01:21		
		15.50	JN	Junction at 9 o'clock, diameter: 100mm	00:01:32		
		16.80	JN	Junction at 9 o'clock, diameter: 100mm	00:01:50		
		17.90	WL	Water level, 0% of the vertical dimension	00:02:02		
		20.14	JN	Junction at 9 o'clock, diameter: 100mm	00:02:15		
		20.37	OJM	Open joint, medium	00:02:21	USX_c1a7 a67d-7f3b- 4912-aec4	1

Section Inspection - 09/11/2020 - USX

Section 41	Inspection 43	Date 09/11/20	Time 15:24	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Scale:	1:202	Position [m]	Code	Observation	MPEG	Photo	Grade
		26.00	JN	Junction at 9 o'clock, diameter: 100mm	00:02:44		
		27.25	JN	Junction at 12 o'clock, diameter: 100mm	00:03:06		
		27.70	LL	Line deviates left	00:03:12		
		28.17	DEX	Settled deposits, other, 30% cross-sectional area loss: unknown	00:03:38	USX_4a64 20a9-d279 -4231-94e	4
		28.17	SA	Survey abandoned: unable to pass	00:03:38		



Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No.	Def	STR Peak	STR Mean	STR Total	STR Grade	SER No.	Def	SER Peak	SER Mean	SER Total	SER Grade
2		1.0	0.1	2.0	1.0	2		5.0	0.2	7.0	4.0

Section Pictures - 09/11/2020 - USX

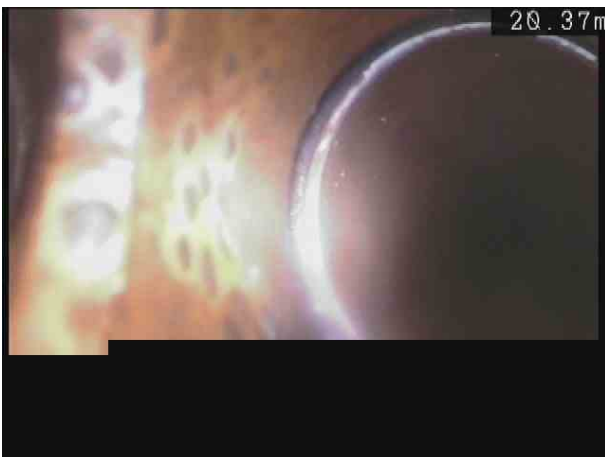
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
41	Upstream	USX		



USX_548e278a-9421-410b-8288-2751742eba9c_20201109_152809_858.jpg, 00:01:00, 9.34 m
 Joint displaced, medium



USX_1d8947bd-7930-483c-883d-98f08637c592_20201109_152843_028.jpg, 00:01:19, 14.06 m
 Settled deposits, coarse, 15% cross-sectional area loss



USX_c1a7a67d-7f3b-4912-aec4-3ebd35dbefb3_20201109_153226_774.jpg, 00:02:21, 20.37 m
 Open joint, medium



USX_4a6420a9-d279-4231-94e9-a1013f10efc7_20201109_153457_870.jpg, 00:03:38, 28.17 m
 Settled deposits, other, 30% cross-sectional area loss, unknown

Section Inspection - 09/11/2020 - Branch X

Section 42	Inspection 44	Date 09/11/20	Time 15:35	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

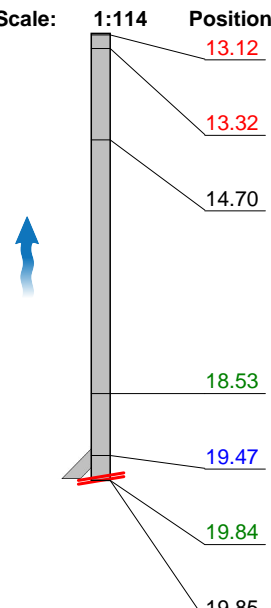
Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH
Road:	Whitworth Community School, Hall Fold	Inspected Length:	19.85 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	19.85 m	Downstream Node:	F6
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:114	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		F6					
		0.00	MH	Start node type, manhole, reference number: F6	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:10		
		0.20	JDM	Joint displaced, medium	00:00:12	Branch X_e285e3 4a-465d-4f	1
		0.20	LL	Line deviates left	00:00:12		
		2.00	WL	Water level, 15% of the vertical dimension	00:00:27		
		2.92	WL	Water level, 25% of the vertical dimension	00:00:31		
		3.40	S01 CUW	Loss of vision, camera under water, start	00:00:34		
		8.80	F01 CUW	Loss of vision, camera under water, finish	00:01:02		
		9.10	WL	Water level, 15% of the vertical dimension	00:01:03		
		10.76	FMJ	Fracture, multiple at joint from 7 o'clock to 3 o'clock	00:01:09	Branch X_850a77 0d-c978-4	4
		11.10	JN	Junction at 3 o'clock, diameter: 100mm	00:01:11		
		11.60	DES	Settled deposits, fine, 10% cross-sectional area loss	00:01:23	Branch X_347831 83-e1db-4	3
		13.05	H	Hole in drain or sewer from 7 o'clock to 12 o'clock	00:01:37	Branch X_6f930d4 1-94af-4fa	5
		13.06	D	Deformed drain or sewer, 5%	00:01:32	Branch X_2e8ff3b 5-9aed-4fa	2
		13.06	B	Broken pipe from 11 o'clock to 4 o'clock	00:01:32	Branch X_327269f 3-6905-4e	4

Section Inspection - 09/11/2020 - Branch X

Section 42	Inspection 44	Date 09/11/20	Time 15:35	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Scale:	1:114	Position [m]	Code	Observation	MPEG	Photo	Grade
		13.12	FL	Fracture, longitudinal at 1 o'clock	00:01:38	Branch X_47092d 3a-271a-4	3
		13.32	CC	Crack, circumferential from 7 o'clock to 9 o'clock	00:01:40	Branch X_488192 94-8f4c-43	2
		14.70	WL	Water level, 0% of the vertical dimension	00:01:45		
		18.53	DER	Settled deposits, coarse, 10% cross-sectional area loss	00:01:55	Branch X_86ce5f0 d-e702-4d	3
		19.47	JN	Junction at 3 o'clock, diameter: 100mm	00:01:59		
		19.84	OBB	Obstacles, brick or masonry in invert from 12 o'clock to 12 o'clock, 70% cross-sectional area loss	00:02:12	Branch X_24bc66 94-5cb9-4	5
		19.85	SA	Survey abandoned: unable to pass	00:02:12		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

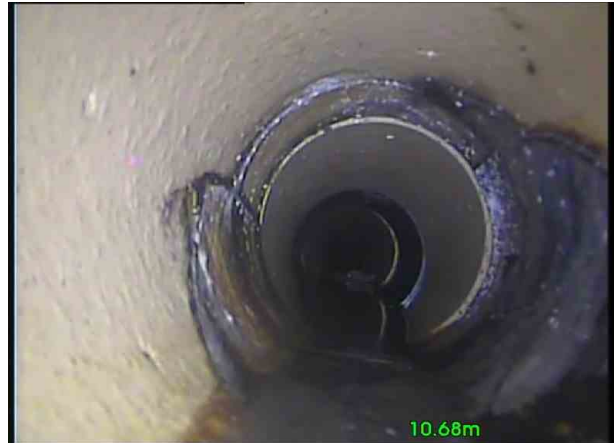
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
7	205.0	19.9	396.0	5.0	3	10.0	0.7	14.0	5.0

Section Pictures - 09/11/2020 - Branch X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
42	Upstream	BRANCH X		



Branch
 X_e285e34a-465d-4f25-9dfa-2063601f360a_20201109_1536
 30_017.jpg, 00:00:12, 0.20 m
 Joint displaced, medium



Branch
 X_850a770d-c978-44c7-a3e8-d8c418f00e17_20201109_1619
 25_070.jpg, 00:01:09, 10.76 m
 Fracture, multiple at joint from 7 o'clock to 3 o'clock



Branch
 X_34783183-e1db-459b-9ac4-04b6f3f610e5_20201109_1621
 17_969.jpg, 00:01:23, 11.60 m
 Settled deposits, fine, 10% cross-sectional area loss



Branch
 X_6f930d41-94af-4faa-8532-c03527b4e997_20201109_16223
 9_091.jpg, 00:01:37, 13.05 m
 Hole in drain or sewer from 7 o'clock to 12 o'clock

Section Pictures - 09/11/2020 - Branch X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
42	Upstream	BRANCH X		



Branch
 X_2e8ff3b5-9aed-4fae-8d18-226792160f50_20201109_16221
 5_021.jpg, 00:01:32, 13.06 m
 Deformed drain or sewer, 5%



Branch
 X_327269f3-6905-4e12-9e0b-4040eaa99063_20201109_162
 153_785.jpg, 00:01:32, 13.06 m
 Broken pipe from 11 o'clock to 4 o'clock



Branch
 X_47092d3a-271a-4efd-9c9e-2d220a38e735_20201109_1622
 57_426.jpg, 00:01:38, 13.12 m
 Fracture, longitudinal at 1 o'clock



Branch
 X_48819294-8f4c-43f7-b0f2-0d3f8680d79c_20201109_16231
 9_761.jpg, 00:01:40, 13.32 m
 Crack, circumferential from 7 o'clock to 9 o'clock

Section Pictures - 09/11/2020 - Branch X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
42	Upstream	BRANCH X		



Branch

 X_86ce5f0d-e702-4da9-95ca-e10c132c3358_20201109_1624
 09_414.jpg, 00:01:55, 18.53 m

Settled deposits, coarse, 10% cross-sectional area loss



Branch

 X_24bc6694-5cb9-4c00-ae00-496b6258cd41_20201109_162
 501_419.jpg, 00:02:12, 19.84 m

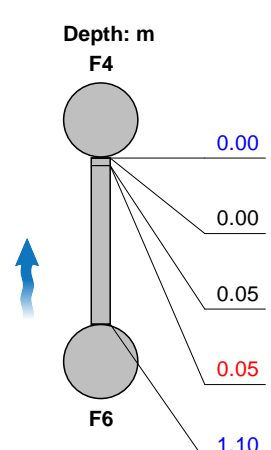
 Obstacles, brick or masonry in invert from 12 o'clock to 12
 o'clock, 70% cross-sectional area loss

Section Inspection - 09/11/2020 - F6X

Section 43	Inspection 45	Date 09/11/20	Time 16:25	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F6X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	F6
Road:	Whitworth Community School, Hall Fold	Inspected Length:	1.10 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.10 m	Downstream Node:	F4
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>F4</p>  <p>Depth: m</p> <p>F6</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: F4</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 25% of the vertical dimension: Flowing</td> <td>00:00:12</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.05</td> <td></td> <td>CUW</td> <td>Loss of vision, camera under water</td> <td>00:00:17</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.05</td> <td></td> <td>JDM</td> <td style="color: red;">Joint displaced, medium</td> <td style="color: red;">00:00:18</td> <td style="color: red;">F6X_36db 4c7e-f239- 4a9e-ba2a</td> <td style="color: red;">1</td> </tr> <tr> <td style="text-align: right;">1.10</td> <td></td> <td>MHF</td> <td>Finish node type, manhole, reference number: F6</td> <td>00:01:02</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: F4	00:00:00			0.00		WL	Water level, 25% of the vertical dimension: Flowing	00:00:12			0.05		CUW	Loss of vision, camera under water	00:00:17			0.05		JDM	Joint displaced, medium	00:00:18	F6X_36db 4c7e-f239- 4a9e-ba2a	1	1.10		MHF	Finish node type, manhole, reference number: F6	00:01:02		
0.00		MH	Start node type, manhole, reference number: F4	00:00:00																																						
0.00		WL	Water level, 25% of the vertical dimension: Flowing	00:00:12																																						
0.05		CUW	Loss of vision, camera under water	00:00:17																																						
0.05		JDM	Joint displaced, medium	00:00:18	F6X_36db 4c7e-f239- 4a9e-ba2a	1																																				
1.10		MHF	Finish node type, manhole, reference number: F6	00:01:02																																						

Construction Features					Miscellaneous Features						
Structural Defects					Service & Operational Observations						
STR No.	Def	STR Peak	STR Mean	STR Total	STR Grade	SER No.	Def	SER Peak	SER Mean	SER Total	SER Grade
1		1.0	0.9	1.0	1.0	0		0.0	0.0	0.0	1.0

Section Pictures - 09/11/2020 - F6X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
43	Upstream	F6X		



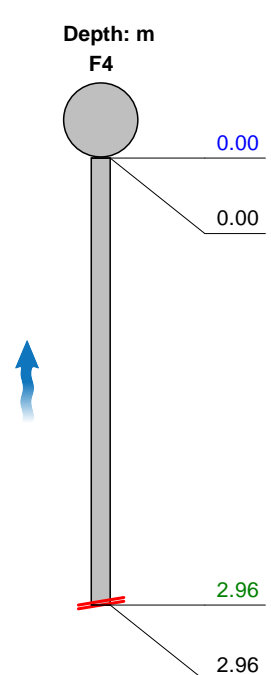
F6X_36db4c7e-f239-4a9e-ba2a-911e01c3538a_20201109_16
2818_233.jpg, 00:00:18, 0.05 m
Joint displaced, medium

Section Inspection - 09/11/2020 - Branch 2X

Section 44	Inspection 46	Date 09/11/20	Time 16:29	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH 2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH 2
Road:	Whitworth Community School, Hall Fold	Inspected Length:	2.96 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	2.96 m	Downstream Node:	F4
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

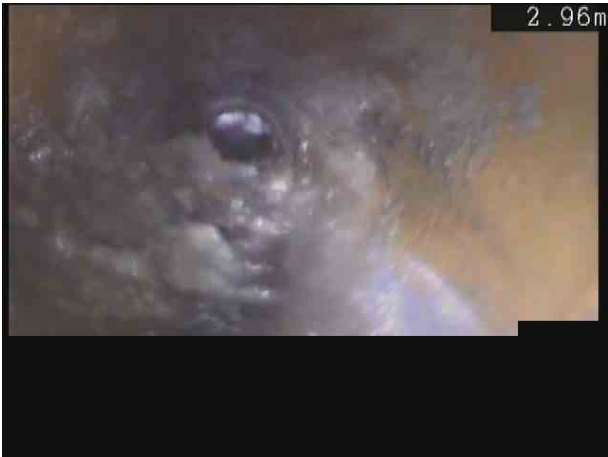
Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>F4</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: F4</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td></td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:00:10</td> <td></td> <td></td> </tr> <tr> <td style="width: 10%; text-align: right;">2.96</td> <td></td> <td>DER</td> <td>Settled deposits, coarse, 30% cross-sectional area loss</td> <td>00:00:32</td> <td>Branch 2X_c1529</td> <td>4</td> </tr> <tr> <td style="width: 10%; text-align: right;">2.96</td> <td></td> <td>SA</td> <td>Survey abandoned: UNABLE TO PASS</td> <td>00:00:48</td> <td>cbf-1be4-4</td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: F4	00:00:00			0.00		WL	Water level, 20% of the vertical dimension	00:00:10			2.96		DER	Settled deposits, coarse, 30% cross-sectional area loss	00:00:32	Branch 2X_c1529	4	2.96		SA	Survey abandoned: UNABLE TO PASS	00:00:48	cbf-1be4-4	
0.00		MH	Start node type, manhole, reference number: F4	00:00:00																															
0.00		WL	Water level, 20% of the vertical dimension	00:00:10																															
2.96		DER	Settled deposits, coarse, 30% cross-sectional area loss	00:00:32	Branch 2X_c1529	4																													
2.96		SA	Survey abandoned: UNABLE TO PASS	00:00:48	cbf-1be4-4																														

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	5.0	1.7	5.0	4.0

Section Pictures - 09/11/2020 - Branch 2X

Section 44	Inspection Direction Upstream	PLR BRANCH 2X	Client's Job Ref	Contractor's Job Ref
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Branch

2X_c1529cbf-1be4-45f8-ad5a-6695609f389c_20201109_1632
54_281.jpg, 00:00:32, 2.96 m

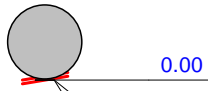


Settled deposits, coarse, 30% cross-sectional area loss

Section Inspection - 09/11/2020 - Branch 3X

Section 45	Inspection 47	Date 09/11/20	Time 16:39	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR BRANCH 3X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	BRANCH 3
Road:	Whitworth Community School, Hall Fold	Inspected Length:	0.00 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	0.00 m	Downstream Node:	F4
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m F4					
			MH	Start node type, manhole, reference number: F4	00:00:00		
			WL	Water level, 15% of the vertical dimension	00:00:11		
			SA	Survey abandoned: UNABLE TO PASS	00:00:11		

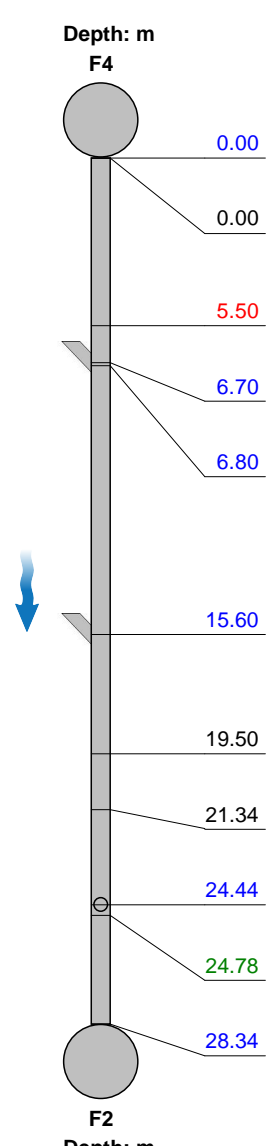
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 09/11/2020 - F4X

Section 46	Inspection 48	Date 09/11/20	Time 16:40	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F4X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	F4
Road:	Whitworth Community School, Hall Fold	Inspected Length:	28.34 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	28.34 m	Downstream Node:	F2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:247	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																													
<div style="display: flex; align-items: center;"> <div style="width: 20%;"> <p style="text-align: center;">Depth: m</p> <p style="text-align: center;">F4</p>  <p style="text-align: center;">F2</p> <p style="text-align: center;">Depth: m</p> </div> <table border="1" style="width: 80%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: F4</td> <td style="width: 10%; text-align: right;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 15% of the vertical dimension: Flowing</td> <td style="text-align: right;">00:00:02</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.50</td> <td>CL</td> <td>Crack, longitudinal at 3 o'clock</td> <td style="text-align: right;">00:00:32</td> <td style="text-align: right;">F4X_321b 57aa-8ffa- 44c2-a497</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">6.70</td> <td>JNC</td> <td>Junction closed at 3 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:00:38</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">6.80</td> <td>SC</td> <td>Size changes, new size(s), 150mm high</td> <td style="text-align: right;">00:00:38</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">15.60</td> <td>JN</td> <td>Junction at 2 o'clock, diameter: 100mm</td> <td style="text-align: right;">00:01:33</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">19.50</td> <td>WL</td> <td>Water level, 25% of the vertical dimension</td> <td style="text-align: right;">00:01:50</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">21.34</td> <td>WL</td> <td>Water level, 10% of the vertical dimension</td> <td style="text-align: right;">00:01:58</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">24.44</td> <td>JXD</td> <td>Defective junction, damaged at 12 o'clock, diameter: 100mm: deposits</td> <td style="text-align: right;">00:02:16</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">24.78</td> <td>DEG</td> <td>Attached deposits, grease from 1 o'clock to 5 o'clock, 5% cross-sectional area loss</td> <td style="text-align: right;">00:02:18</td> <td style="text-align: right;">F4X_6191 a1bc-4c17 -4ad2-829</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td style="text-align: right;">28.34</td> <td>MHF</td> <td>Finish node type, manhole, reference number: F2</td> <td style="text-align: right;">00:02:49</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: F4	00:00:00				0.00	WL	Water level, 15% of the vertical dimension: Flowing	00:00:02				5.50	CL	Crack, longitudinal at 3 o'clock	00:00:32	F4X_321b 57aa-8ffa- 44c2-a497	2		6.70	JNC	Junction closed at 3 o'clock, diameter: 100mm	00:00:38				6.80	SC	Size changes, new size(s), 150mm high	00:00:38				15.60	JN	Junction at 2 o'clock, diameter: 100mm	00:01:33				19.50	WL	Water level, 25% of the vertical dimension	00:01:50				21.34	WL	Water level, 10% of the vertical dimension	00:01:58				24.44	JXD	Defective junction, damaged at 12 o'clock, diameter: 100mm: deposits	00:02:16				24.78	DEG	Attached deposits, grease from 1 o'clock to 5 o'clock, 5% cross-sectional area loss	00:02:18	F4X_6191 a1bc-4c17 -4ad2-829	2		28.34	MHF	Finish node type, manhole, reference number: F2	00:02:49			
0.00	MH	Start node type, manhole, reference number: F4	00:00:00																																																																																	
0.00	WL	Water level, 15% of the vertical dimension: Flowing	00:00:02																																																																																	
5.50	CL	Crack, longitudinal at 3 o'clock	00:00:32	F4X_321b 57aa-8ffa- 44c2-a497	2																																																																															
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19.50	WL	Water level, 25% of the vertical dimension	00:01:50																																																																																	
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24.44	JXD	Defective junction, damaged at 12 o'clock, diameter: 100mm: deposits	00:02:16																																																																																	
24.78	DEG	Attached deposits, grease from 1 o'clock to 5 o'clock, 5% cross-sectional area loss	00:02:18	F4X_6191 a1bc-4c17 -4ad2-829	2																																																																															
28.34	MHF	Finish node type, manhole, reference number: F2	00:02:49																																																																																	

Construction Features

Miscellaneous Features

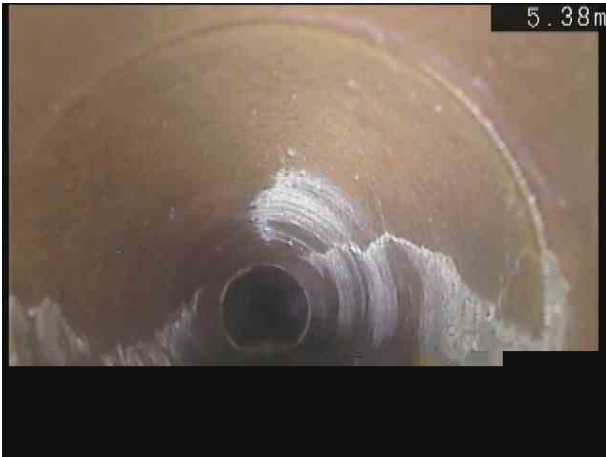
Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	10.0	0.4	10.0	2.0	1	1.0	0.0	1.0	2.0

Section Pictures - 09/11/2020 - F4X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
46	Downstream	F4X		



F4X_321b57aa-8ffa-44c2-a497-fbb46036c044_20201109_164307_742.jpg, 00:00:32, 5.50 m
 Crack, longitudinal at 3 o'clock



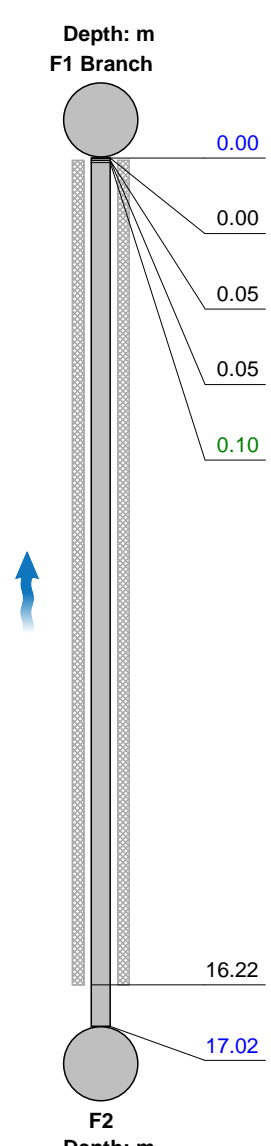
F4X_6191a1bc-4c17-4ad2-8297-9aab1560f653_20201109_165602_771.jpg, 00:02:18, 24.78 m
 Attached deposits, grease from 1 o'clock to 5 o'clock, 5% cross-sectional area loss

Section Inspection - 09/11/2020 - F2X

Section 47	Inspection 49	Date 09/11/20	Time 16:57	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	F2
Road:	Whitworth Community School, Hall Fold	Inspected Length:	17.02 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	17.02 m	Downstream Node:	F1 BRANCH
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:148	Position [m]	Code	Observation	MPEG	Photo	Grade																																										
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="margin-bottom: 5px;">Depth: m</p> <p style="margin-bottom: 5px;">F1 Branch</p>  </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node type, manhole, reference number: F1 Branch</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 15% of the vertical dimension</td> <td>00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.05</td> <td>S01</td> <td>CUW</td> <td>Loss of vision, camera under water, start</td> <td>00:00:32</td> <td></td> </tr> <tr> <td style="text-align: right;">0.05</td> <td></td> <td>WLC</td> <td>Clear water level, 25% of the vertical dimension</td> <td>00:00:33</td> <td></td> </tr> <tr> <td style="text-align: right;">0.10</td> <td></td> <td>DER</td> <td>Settled deposits, coarse, 10% cross-sectional area loss</td> <td>00:00:33</td> <td>F2X_e0bfe bcf-bf6f-4f 8d-928f-6d</td> </tr> <tr> <td style="text-align: right;">16.22</td> <td>F01</td> <td>CUW</td> <td>Loss of vision, camera under water, finish</td> <td>00:01:41</td> <td></td> </tr> <tr> <td style="text-align: right;">17.02</td> <td></td> <td>MHF</td> <td>Finish node type, manhole, reference number: F2</td> <td>00:01:49</td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: F1 Branch	00:00:00			0.00	WL	Water level, 15% of the vertical dimension	00:00:02			0.05	S01	CUW	Loss of vision, camera under water, start	00:00:32		0.05		WLC	Clear water level, 25% of the vertical dimension	00:00:33		0.10		DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:33	F2X_e0bfe bcf-bf6f-4f 8d-928f-6d	16.22	F01	CUW	Loss of vision, camera under water, finish	00:01:41		17.02		MHF	Finish node type, manhole, reference number: F2	00:01:49	
0.00	MH	Start node type, manhole, reference number: F1 Branch	00:00:00																																														
0.00	WL	Water level, 15% of the vertical dimension	00:00:02																																														
0.05	S01	CUW	Loss of vision, camera under water, start	00:00:32																																													
0.05		WLC	Clear water level, 25% of the vertical dimension	00:00:33																																													
0.10		DER	Settled deposits, coarse, 10% cross-sectional area loss	00:00:33	F2X_e0bfe bcf-bf6f-4f 8d-928f-6d																																												
16.22	F01	CUW	Loss of vision, camera under water, finish	00:01:41																																													
17.02		MHF	Finish node type, manhole, reference number: F2	00:01:49																																													

Construction Features
Miscellaneous Features
Structural Defects
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.1	2.0	3.0

Section Pictures - 09/11/2020 - F2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
47	Upstream	F2X		



F2X_e0bfebcf-bf6f-4f8d-928f-6d0ac3e048b3_20201109_170031_099.jpg, 00:00:33, 0.10 m

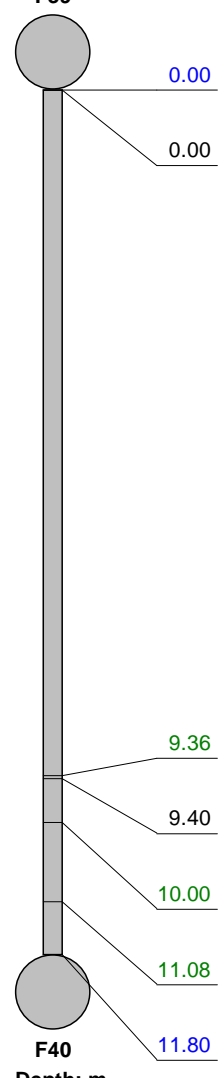
Settled deposits, coarse, 10% cross-sectional area loss

Section Inspection - 10/11/2020 - F40X

Section 48	Inspection 50	Date 10/11/20	Time 9:17	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F40X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	F40
Road:	Whitworth Community School, Hall Fold	Inspected Length:	11.80 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	11.80 m	Downstream Node:	F39
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:103	Position [m]	Code	Observation	MPEG	Photo	Grade																																																								
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: m</p> <p>F39</p>  <p>F40</p> <p>Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">MH</td> <td colspan="2">Start node type, manhole, reference number: F39</td> <td style="width: 10%; text-align: center;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td style="text-align: center;">WL</td> <td colspan="2">Water level, 15% of the vertical dimension</td> <td style="text-align: center;">00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">9.36</td> <td></td> <td style="text-align: center;">DEEJ</td> <td colspan="2">Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 20% cross-sectional area loss</td> <td style="text-align: center;">00:00:44</td> <td style="text-align: center;">F40X_88b 48801-c94 6-4518-9a</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">9.40</td> <td></td> <td style="text-align: center;">CUZ</td> <td colspan="2">Loss of vision, other: Blurred camera lense</td> <td style="text-align: center;">00:01:14</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">10.00</td> <td></td> <td style="text-align: center;">DEG</td> <td colspan="2">Attached deposits, grease from 11 o'clock to 1 o'clock, 5% cross-sectional area loss</td> <td style="text-align: center;">00:01:31</td> <td style="text-align: center;">F40X_a3d 82c08-e9d 9-43df-8f5</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">11.08</td> <td></td> <td style="text-align: center;">DES</td> <td colspan="2">Settled deposits, fine, 5% cross-sectional area loss</td> <td style="text-align: center;">00:01:43</td> <td style="text-align: center;">F40X_bee 0ab22-775 1-4006-97</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">11.80</td> <td></td> <td style="text-align: center;">MHF</td> <td colspan="2">Finish node type, manhole, reference number: F40</td> <td style="text-align: center;">00:01:51</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: F39		00:00:00			0.00		WL	Water level, 15% of the vertical dimension		00:00:02			9.36		DEEJ	Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 20% cross-sectional area loss		00:00:44	F40X_88b 48801-c94 6-4518-9a	3	9.40		CUZ	Loss of vision, other: Blurred camera lense		00:01:14			10.00		DEG	Attached deposits, grease from 11 o'clock to 1 o'clock, 5% cross-sectional area loss		00:01:31	F40X_a3d 82c08-e9d 9-43df-8f5	2	11.08		DES	Settled deposits, fine, 5% cross-sectional area loss		00:01:43	F40X_bee 0ab22-775 1-4006-97	2	11.80		MHF	Finish node type, manhole, reference number: F40		00:01:51		
0.00		MH	Start node type, manhole, reference number: F39		00:00:00																																																										
0.00		WL	Water level, 15% of the vertical dimension		00:00:02																																																										
9.36		DEEJ	Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 20% cross-sectional area loss		00:00:44	F40X_88b 48801-c94 6-4518-9a	3																																																								
9.40		CUZ	Loss of vision, other: Blurred camera lense		00:01:14																																																										
10.00		DEG	Attached deposits, grease from 11 o'clock to 1 o'clock, 5% cross-sectional area loss		00:01:31	F40X_a3d 82c08-e9d 9-43df-8f5	2																																																								
11.08		DES	Settled deposits, fine, 5% cross-sectional area loss		00:01:43	F40X_bee 0ab22-775 1-4006-97	2																																																								
11.80		MHF	Finish node type, manhole, reference number: F40		00:01:51																																																										

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	3	2.0	0.3	4.0	3.0

Section Pictures - 10/11/2020 - F40X

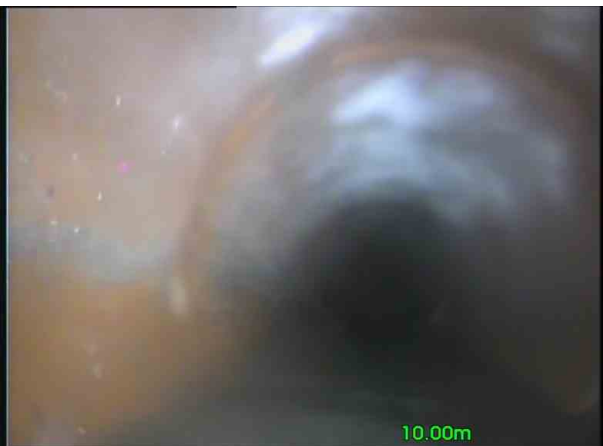
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
48	Upstream	F40X		



F40X_88b48801-c946-4518-9ade-fa31307cdf2a_20201110_092028_462.jpg, 00:00:44, 9.36 m
 Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 20% cross-sectional area loss



F40X_3bd4db38-9d64-4bea-a178-5b7277d45a9d_20201110_092204_494.jpg, 00:00:44, 9.36 m
 Attached deposits, encrustation at joint from 3 o'clock to 7 o'clock, 20% cross-sectional area loss



F40X_a3d82c08-e9d9-43df-8f5c-ced92971cc35_20201110_092309_858.jpg, 00:01:31, 10.00 m
 Attached deposits, grease from 11 o'clock to 1 o'clock, 5% cross-sectional area loss



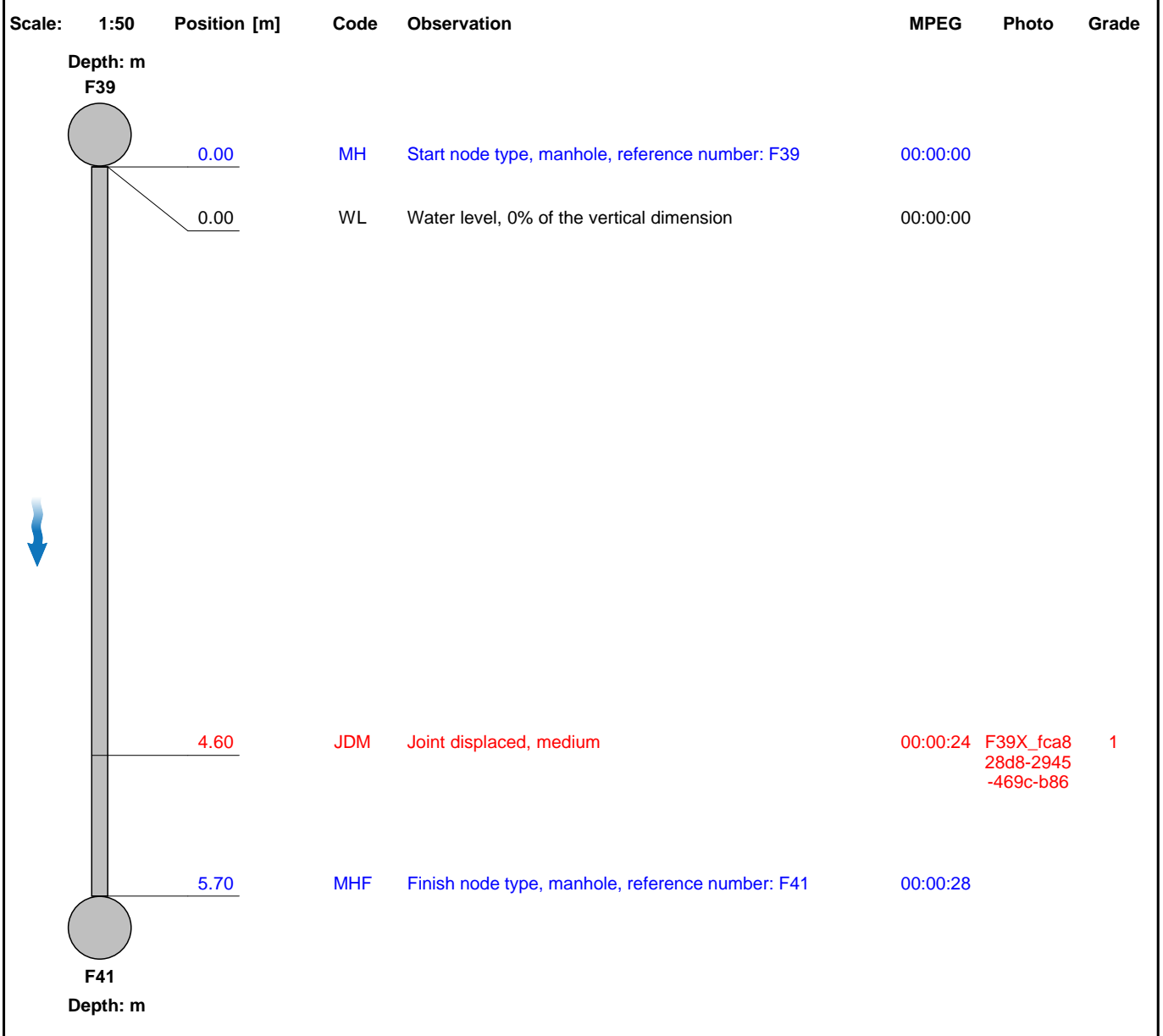
F40X_bee0ab22-7751-4006-976e-e8d67fdf2340_20201110_092432_044.jpg, 00:01:43, 11.08 m
 Settled deposits, fine, 5% cross-sectional area loss

Section Inspection - 10/11/2020 - F39X

Section 49	Inspection 51	Date 10/11/20	Time 9:25	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F39X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	F39
Road:	Whitworth Community School, Hall Fold	Inspected Length:	5.70 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	5.70 m	Downstream Node:	F41
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:



Section Pictures - 10/11/2020 - F39X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
49	Downstream	F39X		



F39X_fca828d8-2945-469c-b869-a62eabfb5a2e_20201110_092727_827.jpg, 00:00:24, 4.60 m
Joint displaced, medium

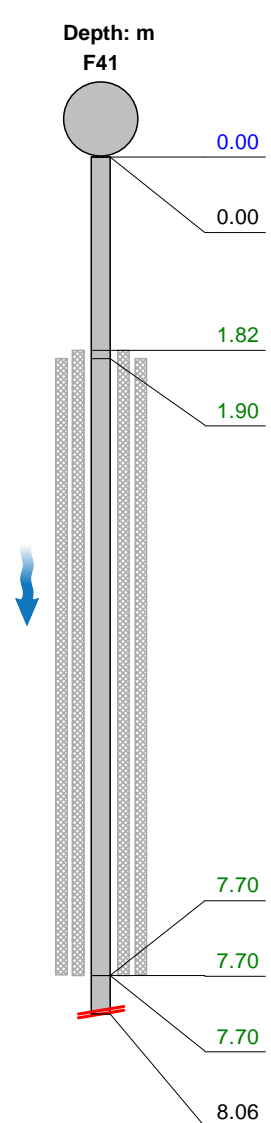
Section Inspection - 10/11/2020 - F41X

Section 50	Inspection 52	Date 10/11/20	Time 9:28	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F41X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	F41
Road:	Whitworth Community School, Hall Fold	Inspected Length:	8.06 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	8.06 m	Downstream Node:	DS
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection of condition				

Comments:

Recommendations:

Scale:	1:71	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node type, manhole, reference number: F41	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:08		
		1.82	S02 DEG	Attached deposits, grease from 3 o'clock to 4 o'clock, 5% cross-sectional area loss, start	00:00:14	F41X_38e d019c-606 b-45ac-8ff	
		1.90	S01 DEG	Attached deposits, grease from 9 o'clock to 10 o'clock, 5% cross-sectional area loss, start	00:00:14	F41X_7d2 35afc-c23 d-4967-92	
		7.70	OBZ	Other obstacles from 12 o'clock to 12 o'clock, 65% cross-sectional area loss: Plastic/ lanyard	00:00:37	F41X_369 843dd-2f5f -40e1-a73	5
		7.70	F02 DEG	Attached deposits, grease from 3 o'clock to 4 o'clock, 5% cross-sectional area loss, finish	00:00:39		2
		7.70	F01 DEG	Attached deposits, grease from 9 o'clock to 10 o'clock, 5% cross-sectional area loss, finish	00:00:39		2
		8.06	SA	Survey abandoned: unable to pass	00:01:00		

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
0	0.0	0.0	0.0	1.0	3	12.0	2.7	22.0	5.0

Section Pictures - 10/11/2020 - F41X

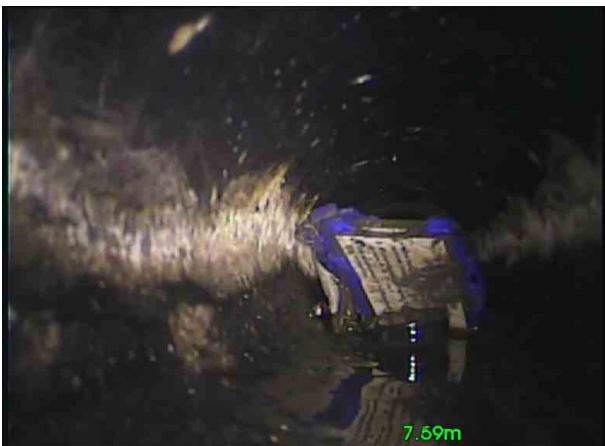
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
50	Downstream	F41X		



F41X_38ed019c-606b-45ac-8ff2-08375c96b1cd_20201110_093505_136.jpg, 00:00:14, 1.82 m
 Attached deposits, grease from 3 o'clock to 4 o'clock, 5% cross-sectional area loss, start



F41X_7d235afc-c23d-4967-929f-0e520c81505b_20201110_093437_363.jpg, 00:00:14, 1.90 m
 Attached deposits, grease from 9 o'clock to 10 o'clock, 5% cross-sectional area loss, start



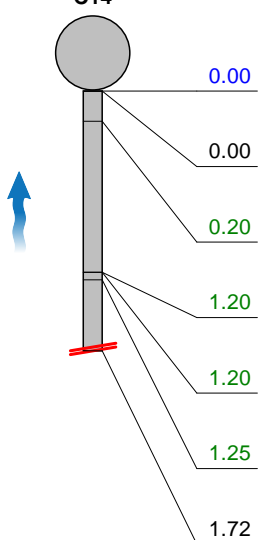
F41X_369843dd-2f5f-40e1-a73b-766876051f5b_20201110_093622_204.jpg, 00:00:37, 7.70 m
 Other obstacles from 12 o'clock to 12 o'clock, 65% cross-sectional area loss, Plastic/ lanyard

Section Inspection - 10/11/2020 - USX

Section 51	Inspection 53	Date 10/11/20	Time 9:56	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR USX
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Upstream	Upstream Node:	US
Road:	Whitworth Community School, Hall Fold	Inspected Length:	1.72 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	1.72 m	Downstream Node:	C14
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																	
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>C14</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: left;">MH</td> <td>Start node type, manhole, reference number: F14</td> <td style="text-align: right;">00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td style="text-align: left;">WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: right;">00:00:02</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.20</td> <td style="text-align: left;">LR</td> <td>Line deviates right</td> <td style="text-align: right;">00:00:17</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.20</td> <td style="text-align: left;">LL</td> <td>Line deviates left</td> <td style="text-align: right;">00:00:52</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.20</td> <td style="text-align: left;">LU</td> <td>Line deviates up</td> <td style="text-align: right;">00:00:52</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">1.25</td> <td style="text-align: left;">DEX</td> <td>Settled deposits, other, 25% cross-sectional area loss: Rock</td> <td style="text-align: right;">00:00:53</td> <td style="text-align: right;">USX_348c 6604-30e1 -48ee-bb8</td> <td style="text-align: right;">4</td> <td></td> </tr> <tr> <td style="text-align: right;">1.72</td> <td style="text-align: left;">SA</td> <td>Survey abandoned: unable to pass</td> <td style="text-align: right;">00:01:10</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: F14	00:00:00				0.00	WL	Water level, 0% of the vertical dimension	00:00:02				0.20	LR	Line deviates right	00:00:17				1.20	LL	Line deviates left	00:00:52				1.20	LU	Line deviates up	00:00:52				1.25	DEX	Settled deposits, other, 25% cross-sectional area loss: Rock	00:00:53	USX_348c 6604-30e1 -48ee-bb8	4		1.72	SA	Survey abandoned: unable to pass	00:01:10			
0.00	MH	Start node type, manhole, reference number: F14	00:00:00																																																					
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																																																					
0.20	LR	Line deviates right	00:00:17																																																					
1.20	LL	Line deviates left	00:00:52																																																					
1.20	LU	Line deviates up	00:00:52																																																					
1.25	DEX	Settled deposits, other, 25% cross-sectional area loss: Rock	00:00:53	USX_348c 6604-30e1 -48ee-bb8	4																																																			
1.72	SA	Survey abandoned: unable to pass	00:01:10																																																					

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	5.0	2.9	5.0	4.0

Section Pictures - 10/11/2020 - USX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
51	Upstream	USX		



USX_348c6604-30e1-48ee-bb8d-109f76e78d33_20201110_095931_892.jpg, 00:00:53, 1.25 m
Settled deposits, other, 25% cross-sectional area loss, Rock

Section Inspection - 10/11/2020 - C14X

Section 52	Inspection 54	Date 10/11/20	Time 10:02	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C14X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C14
Road:	Whitworth Community School, Hall Fold	Inspected Length:	11.27 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	11.27 m	Downstream Node:	C15
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Pitch fibre		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:98	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m C14					
		0.00	MH	Start node type, manhole, reference number: C14	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:12		
		0.91	DEE	Attached deposits, encrustation from 2 o'clock to 5 o'clock, 15% cross-sectional area loss	00:00:19	C14X_bc6 e54ad-f25 8-4e90-a4	3
		1.00	JN	Junction at 2 o'clock, diameter: 100mm	00:00:20		
		7.27	JN	Junction at 3 o'clock, diameter: 100mm	00:00:43		
		7.35	SS	Surface damage, spalling from 1 o'clock to 5 o'clock	00:00:52	C14X_246 a5af2-a51 1-4cae-92	2
		9.03	WL	Water level, 10% of the vertical dimension	00:01:03		
		9.70	WL	Water level, 20% of the vertical dimension	00:01:06		
		9.99	JN	Junction at 3 o'clock, diameter: 100mm	00:01:07		
		10.10	CUW	Loss of vision, camera under water	00:01:13		
		11.27	MHF	Finish node type, manhole, reference number: C15 Buried	00:02:15		
		Depth: m C15					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	20.0	1.8	20.0	2.0	1	2.0	0.2	2.0	3.0

Section Pictures - 10/11/2020 - C14X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
52	Downstream	C14X		



0.91m

C14X_bc6e54ad-f258-4e90-a4d6-1941b1339a90_20201110_100739_457.jpg, 00:00:19, 0.91 m
 Attached deposits, encrustation from 2 o'clock to 5 o'clock,
 15% cross-sectional area loss



7.35m

C14X_246a5af2-a511-4cae-9286-fc1cb87eaa7e_20201110_100909_011.jpg, 00:00:52, 7.35 m
 Surface damage, spalling from 1 o'clock to 5 o'clock

Section Inspection - 10/11/2020 - C9X

Section 53	Inspection 55	Date 10/11/20	Time 10:24	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR C9X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	C9
Road:	Whitworth Community School, Hall Fold	Inspected Length:	19.40 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	19.40 m	Downstream Node:	C1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:169	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 C9</p> <p style="text-align: center;">C1 Depth: m</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">MH</td> <td colspan="3">Start node type, manhole, reference number: C9</td> <td style="width: 10%; text-align: center;">00:00:00</td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td>WL</td> <td colspan="3">Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:04</td> <td></td> </tr> <tr> <td style="text-align: center;">3.15</td> <td></td> <td>JDM</td> <td colspan="3">Joint displaced, medium</td> <td style="text-align: center;">00:00:37</td> <td style="text-align: center;">C9X_202d e8bf-c946- 4cd9-8a53</td> </tr> <tr> <td style="text-align: center;">4.93</td> <td></td> <td>JN</td> <td colspan="3">Junction at 9 o'clock, diameter: 100mm</td> <td style="text-align: center;">00:00:43</td> <td></td> </tr> <tr> <td style="text-align: center;">5.60</td> <td></td> <td>WL</td> <td colspan="3">Water level, 15% of the vertical dimension: water flow from junction</td> <td style="text-align: center;">00:00:55</td> <td></td> </tr> <tr> <td style="text-align: center;">5.61</td> <td></td> <td>DEZJ</td> <td colspan="3">Attached deposits, other at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss: Unknown</td> <td style="text-align: center;">00:00:56</td> <td style="text-align: center;">C9X_9503 1c20-1ff7- 4ff3-930a-f</td> </tr> <tr> <td style="text-align: center;">14.00</td> <td></td> <td>WL</td> <td colspan="3">Water level, 5% of the vertical dimension</td> <td style="text-align: center;">00:01:25</td> <td></td> </tr> <tr> <td style="text-align: center;">14.45</td> <td></td> <td>JN</td> <td colspan="3">Junction at 10 o'clock, diameter: 100mm</td> <td style="text-align: center;">00:01:28</td> <td></td> </tr> <tr> <td style="text-align: center;">14.70</td> <td></td> <td>CCJ</td> <td colspan="3">Crack, circumferential at joint from 8 o'clock to 11 o'clock</td> <td style="text-align: center;">00:01:29</td> <td style="text-align: center;">C9X_6951 1520-c31d -45ca-8d9</td> </tr> <tr> <td style="text-align: center;">19.40</td> <td></td> <td>MHF</td> <td colspan="3">Finish node type, manhole, reference number: C1</td> <td style="text-align: center;">00:01:43</td> <td></td> </tr> </table> </div>								0.00		MH	Start node type, manhole, reference number: C9			00:00:00		0.00		WL	Water level, 0% of the vertical dimension			00:00:04		3.15		JDM	Joint displaced, medium			00:00:37	C9X_202d e8bf-c946- 4cd9-8a53	4.93		JN	Junction at 9 o'clock, diameter: 100mm			00:00:43		5.60		WL	Water level, 15% of the vertical dimension: water flow from junction			00:00:55		5.61		DEZJ	Attached deposits, other at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss: Unknown			00:00:56	C9X_9503 1c20-1ff7- 4ff3-930a-f	14.00		WL	Water level, 5% of the vertical dimension			00:01:25		14.45		JN	Junction at 10 o'clock, diameter: 100mm			00:01:28		14.70		CCJ	Crack, circumferential at joint from 8 o'clock to 11 o'clock			00:01:29	C9X_6951 1520-c31d -45ca-8d9	19.40		MHF	Finish node type, manhole, reference number: C1			00:01:43	
0.00		MH	Start node type, manhole, reference number: C9			00:00:00																																																																																	
0.00		WL	Water level, 0% of the vertical dimension			00:00:04																																																																																	
3.15		JDM	Joint displaced, medium			00:00:37	C9X_202d e8bf-c946- 4cd9-8a53																																																																																
4.93		JN	Junction at 9 o'clock, diameter: 100mm			00:00:43																																																																																	
5.60		WL	Water level, 15% of the vertical dimension: water flow from junction			00:00:55																																																																																	
5.61		DEZJ	Attached deposits, other at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss: Unknown			00:00:56	C9X_9503 1c20-1ff7- 4ff3-930a-f																																																																																
14.00		WL	Water level, 5% of the vertical dimension			00:01:25																																																																																	
14.45		JN	Junction at 10 o'clock, diameter: 100mm			00:01:28																																																																																	
14.70		CCJ	Crack, circumferential at joint from 8 o'clock to 11 o'clock			00:01:29	C9X_6951 1520-c31d -45ca-8d9																																																																																
19.40		MHF	Finish node type, manhole, reference number: C1			00:01:43																																																																																	

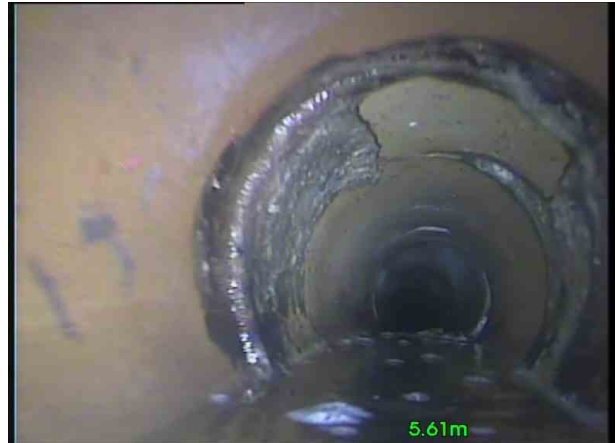
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	10.0	0.6	11.0	2.0	1	2.0	0.1	2.0	3.0

Section Pictures - 10/11/2020 - C9X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
53	Downstream	C9X		



C9X_202de8bf-c946-4cd9-8a53-768cba2822e4_20201110_104335_375.jpg, 00:00:37, 3.15 m
 Joint displaced, medium



C9X_95031c20-1ff7-4ff3-930a-f197296a0122_20201110_104457_410.jpg, 00:00:56, 5.61 m
 Attached deposits, other at joint from 7 o'clock to 5 o'clock, 10% cross-sectional area loss, Unknown



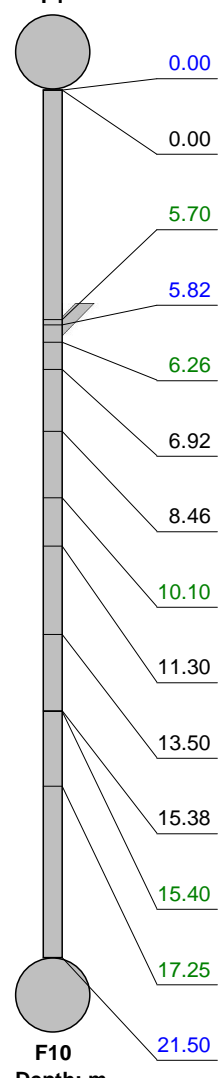
C9X_69511520-c31d-45ca-8d9e-f23c6cc42670_20201110_105248_896.jpg, 00:01:29, 14.70 m
 Crack, circumferential at joint from 8 o'clock to 11 o'clock

Section Inspection - 10/11/2020 - F1X

Section 54	Inspection 56	Date 10/11/20	Time 10:54	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR F1X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitworth	Inspection Direction:	Downstream	Upstream Node:	F1
Road:	Whitworth Community School, Hall Fold	Inspected Length:	21.50 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	21.50 m	Downstream Node:	F10
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Year Constructed:		Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:187	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																																																		
<div style="display: flex; align-items: center;"> <div style="text-align: center; width: 15%;"> <p>Depth: m</p> <p>F1</p>  <p>F10</p> <p>Depth: m</p> </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <tr> <td style="text-align: right;">0.00</td> <td>MH</td> <td>Start node type, manhole, reference number: F1</td> <td>00:00:00</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 10% of the vertical dimension: Flowing</td> <td>00:00:10</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">5.70</td> <td>DEEJ</td> <td>Attached deposits, encrustation at joint from 12 o'clock to 12 o'clock, 25% cross-sectional area loss</td> <td>00:00:37</td> <td>F1X_3e609a3d-5da2-461c-b47</td> <td>4</td> <td></td> </tr> <tr> <td style="text-align: right;">5.82</td> <td>JN</td> <td>Junction at 11 o'clock, diameter: 100mm</td> <td>00:00:43</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">6.26</td> <td>DEEJ</td> <td>Attached deposits, encrustation at joint from 2 o'clock to 6 o'clock, 15% cross-sectional area loss</td> <td>00:00:45</td> <td>F1X_6a6c9ba3-5217-4132-a09</td> <td>3</td> <td></td> </tr> <tr> <td style="text-align: right;">6.92</td> <td>WL</td> <td>Water level, 25% of the vertical dimension</td> <td>00:01:06</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">8.46</td> <td>CUW</td> <td>Loss of vision, camera under water</td> <td>00:01:12</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">10.10</td> <td>DEEJ</td> <td>Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss</td> <td>00:01:18</td> <td>F1X_c3d74d90-15dd-4643-872</td> <td>3</td> <td></td> </tr> <tr> <td style="text-align: right;">11.30</td> <td>CUW</td> <td>Loss of vision, camera under water</td> <td>00:01:24</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">13.50</td> <td>WL</td> <td>Water level, 10% of the vertical dimension</td> <td>00:01:33</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">15.38</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:01:47</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">15.40</td> <td>DEEJ</td> <td>Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss</td> <td>00:01:47</td> <td>F1X_806fd6a6-3e72-43f3-bf46-</td> <td>2</td> <td></td> </tr> <tr> <td style="text-align: right;">17.25</td> <td>DEEJ</td> <td>Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss</td> <td>00:01:54</td> <td>F1X_05b06084-92c3-4860-970</td> <td>3</td> <td></td> </tr> <tr> <td style="text-align: right;">21.50</td> <td>MHF</td> <td>Finish node type, manhole, reference number: F10</td> <td>00:02:10</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00	MH	Start node type, manhole, reference number: F1	00:00:00				0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:10				5.70	DEEJ	Attached deposits, encrustation at joint from 12 o'clock to 12 o'clock, 25% cross-sectional area loss	00:00:37	F1X_3e609a3d-5da2-461c-b47	4		5.82	JN	Junction at 11 o'clock, diameter: 100mm	00:00:43				6.26	DEEJ	Attached deposits, encrustation at joint from 2 o'clock to 6 o'clock, 15% cross-sectional area loss	00:00:45	F1X_6a6c9ba3-5217-4132-a09	3		6.92	WL	Water level, 25% of the vertical dimension	00:01:06				8.46	CUW	Loss of vision, camera under water	00:01:12				10.10	DEEJ	Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss	00:01:18	F1X_c3d74d90-15dd-4643-872	3		11.30	CUW	Loss of vision, camera under water	00:01:24				13.50	WL	Water level, 10% of the vertical dimension	00:01:33				15.38	WL	Water level, 20% of the vertical dimension	00:01:47				15.40	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss	00:01:47	F1X_806fd6a6-3e72-43f3-bf46-	2		17.25	DEEJ	Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss	00:01:54	F1X_05b06084-92c3-4860-970	3		21.50	MHF	Finish node type, manhole, reference number: F10	00:02:10			
0.00	MH	Start node type, manhole, reference number: F1	00:00:00																																																																																																						
0.00	WL	Water level, 10% of the vertical dimension: Flowing	00:00:10																																																																																																						
5.70	DEEJ	Attached deposits, encrustation at joint from 12 o'clock to 12 o'clock, 25% cross-sectional area loss	00:00:37	F1X_3e609a3d-5da2-461c-b47	4																																																																																																				
5.82	JN	Junction at 11 o'clock, diameter: 100mm	00:00:43																																																																																																						
6.26	DEEJ	Attached deposits, encrustation at joint from 2 o'clock to 6 o'clock, 15% cross-sectional area loss	00:00:45	F1X_6a6c9ba3-5217-4132-a09	3																																																																																																				
6.92	WL	Water level, 25% of the vertical dimension	00:01:06																																																																																																						
8.46	CUW	Loss of vision, camera under water	00:01:12																																																																																																						
10.10	DEEJ	Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss	00:01:18	F1X_c3d74d90-15dd-4643-872	3																																																																																																				
11.30	CUW	Loss of vision, camera under water	00:01:24																																																																																																						
13.50	WL	Water level, 10% of the vertical dimension	00:01:33																																																																																																						
15.38	WL	Water level, 20% of the vertical dimension	00:01:47																																																																																																						
15.40	DEEJ	Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss	00:01:47	F1X_806fd6a6-3e72-43f3-bf46-	2																																																																																																				
17.25	DEEJ	Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss	00:01:54	F1X_05b06084-92c3-4860-970	3																																																																																																				
21.50	MHF	Finish node type, manhole, reference number: F10	00:02:10																																																																																																						

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	5	5.0	0.6	12.0	4.0

Section Pictures - 10/11/2020 - F1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
54	Downstream	F1X		



F1X_3e609a3d-5da2-461c-b477-8145ea55b999_20201110_105709_081.jpg, 00:00:37, 5.70 m
 Attached deposits, encrustation at joint from 12 o'clock to 12 o'clock, 25% cross-sectional area loss



F1X_6a6c9ba3-5217-4132-a09d-0052345f46ce_20201110_105858_308.jpg, 00:00:45, 6.26 m
 Attached deposits, encrustation at joint from 2 o'clock to 6 o'clock, 15% cross-sectional area loss



F1X_c3d74d90-15dd-4643-8721-da30fc64ea32_20201110_110247_838.jpg, 00:01:18, 10.10 m
 Attached deposits, encrustation at joint from 1 o'clock to 5 o'clock, 10% cross-sectional area loss



F1X_806fd6a6-3e72-43f3-bf46-e7725bc9fd1a_20201110_110438_127.jpg, 00:01:47, 15.40 m
 Attached deposits, encrustation at joint from 7 o'clock to 11 o'clock, 5% cross-sectional area loss

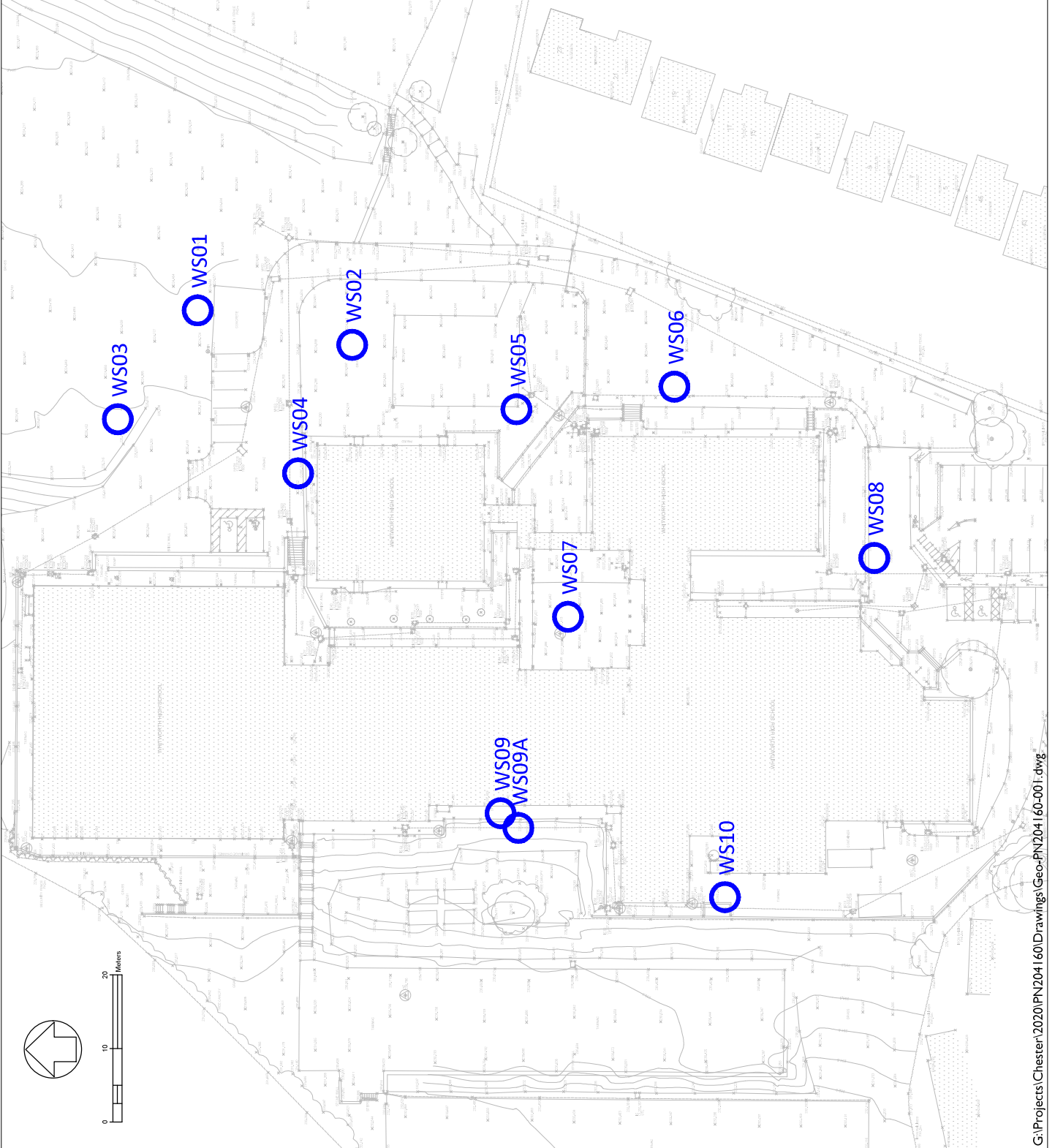
Section Pictures - 10/11/2020 - F1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
54	Downstream	F1X		




F1X_05b06084-92c3-4860-9708-6e39ca92a0bd_20201110_1
10503_382.jpg, 00:01:54, 17.25 m
Attached deposits, encrustation at joint from 1 o'clock to 5
o'clock, 10% cross-sectional area loss

Appendix D
Boreholes



Key

 Dynamic Sample Borehole

Hole ID	Easting (mE)	Northing (mN)	Level (mOD)
WS01	388131.2	417968.4	224.69
WS02	388126.6	417947.4	224.73
WS03	388116.4	417979.3	225.15
WS04	388109.1	417954.7	225.69
WS05	388117.8	417925.0	224.57
WS06	388120.9	417903.5	224.77
WS07	388089.6	417918.0	227.43
WS08	388097.6	417876.3	226.46
WS09	388062.8	417927.2	227.47
WS09A	388060.9	417924.8	227.67
WS10	388051.4	417896.7	227.53

GEOTECHNICS

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Client:

Campbell Reith LLP

Project:

Whitworth Community High School, Rochdale

Drawing Title:

Exploratory Hole Location Plan

Scale: 1:500@A3

Date:
November 2020

Project No:
PN204160

File Name:
Geo-PN204160-001(1)

BOREHOLE RECORD - Dynamic Sampler

Project WHITWORTH COMMUNITY HIGH SCHOOL

Engineer CAMPBELL REITH LLP

Borehole Project No **WS01**
PN204160

Client CAMPBELL REITH LLP

National Grid Coordinates 388131.2 E
417968.4 N

Ground Level 224.69 m OD

Sampling			Properties			Strata			Scale 1:50		
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Description	Depth	Legend	Level m OD		
0.00- 0.30	B					Grass over MADE GROUND: Firm friable dark brown slightly gravelly sandy clay with some rootlets. Gravel is angular to subangular fine to coarse of mudstone, limestone, sandstone, coal and concrete. MADE GROUND: Firm dark grey mottled orangish brown slightly sandy slightly gravelly clay. Gravel is angular to subangular fine to coarse of mudstone, sandstone, limestone, concrete and brick fragments. PROBABLE MADE GROUND: Firm friable brownish grey slightly sandy gravelly clay with a low subangular to subrounded cobble content of sandstone and limestone. Gravel is angular to subrounded fine to coarse of mudstone, sandstone and limestone. Firm greyish brown slightly sandy slightly gravelly CLAY with frequent bands of silt and gravelly sand. Gravel is subangular to subrounded fine to coarse of mudstone, sandstone, limestone, quartzite and coal. Below 4.00m, stiff.	G.L.		224.69		
0.20	ES				0.30			224.39			
0.50	D				0.70			223.99			
0.50	ES										
0.70- 1.20	B										
1.00	ES										
1.20- 1.65	D	(DRY)	TR= 100%		S10		1.50		223.19		
1.20 2.00											
1.50- 2.00	B										
2.00- 3.00	B										
2.00 3.00			TR= 80%		S10						
2.00- 2.45	D	(DRY)		25							
2.00	ES										
3.00- 4.00	B										
3.00 4.00			TR= 80%		S8						
3.00- 3.45	D	(DRY)									
4.00- 4.45	#	(WET)			S24						
4.00 5.00			TR= 50%								
4.00- 5.00	B										
End of Borehole							5.00		219.69		

Boring				Progress					Groundwater					
Depth	Hole Dia	Technique	Crew	Depth of Hole	Depth Cased	Depth to Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed	Remarks on Groundwater
1.20	0.40	Inspection Pit	KD/DP	G.L.			27/10/20	08:00	3.50					Seepage - no rise.
5.00	0.10	Dynamic Sampler	KD/DP	5.00		3.50	27/10/20	18:00						


Remarks Inspection pit hand excavated to 1.20m depth and no services were found. AGSES sample = 2 x vials, 1 x plastic jar and 2 x amber jars. The Dynamic Sample Borehole was terminated at 5.00m depth upon reaching scheduled depth. The engineer noted that the borehole collapsed back to 4.50m depth upon retrieval of the sampling barrel. Backfill details from base of hole: collapsed material up to 4.50m, bentonite seal up to 1.00m, arisings up to ground level.

Symbols and abbreviations are explained on the accompanying key sheet.

All dimensions are in metres.

Logged in accordance with BS5930:2015 + A1:2020

Logged by DP
Figure 1 of 1
22/02/2021



BOREHOLE RECORD - Dynamic Sampler

Project WHITWORTH COMMUNITY HIGH SCHOOL

Engineer CAMPBELL REITH LLP

Borehole Project No **WS02**
PN204160

Client CAMPBELL REITH LLP

National Grid Coordinates 388126.6 E
417947.4 N

Ground Level 224.73 m OD

Sampling			Properties			Strata			Scale 1:50		
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Description	Depth	Legend	Level m OD		
0.00- 0.60	B					Grass over MADE GROUND: Firm friable dark brown slightly gravelly sandy clay with some rootlets. Gravel is angular to subangular fine to coarse of mudstone, sandstone, coal and brick fragments. Low subangular cobble content of concrete.	G.L.		224.73		
0.50	ES				0.60		224.13				
0.50	ES										
0.60- 1.20	B										
1.00	ES				PROBABLE MADE GROUND: Stiff friable brownish grey slightly sandy slightly gravelly clay with a low subangular to subrounded cobble content of sandstone and limestone. Gravel is angular to subangular fine to coarse of mudstone, sandstone and limestone.	1.20		223.53			
1.20- 2.00	B		TR= 100%								
1.20 2.00	D	(DRY)	15		S4						
1.20- 1.65	D	(DRY)									
2.00- 3.00	B		TR= 100%		S10	Soft becoming firm greyish brown slightly gravelly sandy CLAY with frequent bands of gravelly sand. Gravel is angular to subangular fine to coarse of mudstone, sandstone, limestone, quartzite and coal.					
2.00 3.00	D	(DRY)	12								
2.00- 2.45	D	(DRY)									
2.00	ES										
3.00- 4.00	B		TR= 90%		S22	Below 3.00m, stiff. Slightly sandy.					
3.00 4.00	D	(WET)	14								
3.00- 3.45	D	(WET)									
4.00- 4.25	D	(WET)			S50/95	At 4.25m, cobble obstruction.	4.25		220.48		
						End of Borehole					

Boring				Progress					Groundwater					
Depth	Hole Dia	Technique	Crew	Depth of Hole	Depth Cased	Depth to Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed	Remarks on Groundwater
1.20	0.40	Inspection Pit	KD/DP	G.L.			27/10/20	08:00	3.00					Seepage - no rise.
4.25	0.10	Dynamic Sampler	KD/DP	4.25		3.00	27/10/20	18:00						

Remarks Inspection pit hand excavated to 1.20m depth and no services were found. AGSES sample = 2 x vials, 1 x plastic jar and 2 x amber jars. The Dynamic Sample Borehole was terminated at 4.25m depth due to the presence of an obstruction. A 50mm standpipe was installed to 4.00m with a geowrapped slotted section from 1.00m to 4.00m with flush lockable protective cover. Backfill details from base of hole: gravel filter up to 1.00m, bentonite seal up to 0.15m, concrete up to ground level.

Logged by DP
Figure 1 of 1
22/02/2021

geotechnics

All dimensions are in metres. Logged in accordance with BS5930:2015 + A1:2020