

SECTION 7.6 Drainage Report and CCTV Videos

7.6.1 Drainage Report



Project

Project Name: Calder Park- Wakefield
Project Description: WinCan Import in Miraculix Standard
Project Date: 29/08/2022



winvic

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Calder Park- Wakefield		29/08/2022

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Calder Park- Wakefield		29/08/2022

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Project Information

Project Name
Calder Park- Wakefield

Project Number

Project Date
29/08/2022

Client

Company: Winvic Construction LTD
Contact: Brampton House
Department: 19 Tenter Road
Street: Moulton Park
Town or City: Northampton
County: Northamptonshire
Post Code: NN3 6PZ
Phone: 01604 671021



Site

Company: Winvic Construction
Description: CCTV Drainage Survey
Contact: Matt Percival
Department: Vertical Build
Street: Calder Park
Town or City: Wakefield

Contractor

Company: Oakley Industrial Services LTD
Description: CCTV Drainage Surveys
Contact: Colin Clarke
Department: Drainage
Street: Enterprise Park
Town or City: Corby
County: Northants
Post Code: NN17 5JE
Phone: 01536 206179
Mobile: 07747 844248
Email: colin@theoakleygroup.com



Scoring Summary

Project Name
Calder Park- Wakefield

Project Number

Project Date
29/08/2022

Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

Section	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

Abandoned Surveys

Section	PLR	Description
All inspections complete, none are abandoned.		

Information

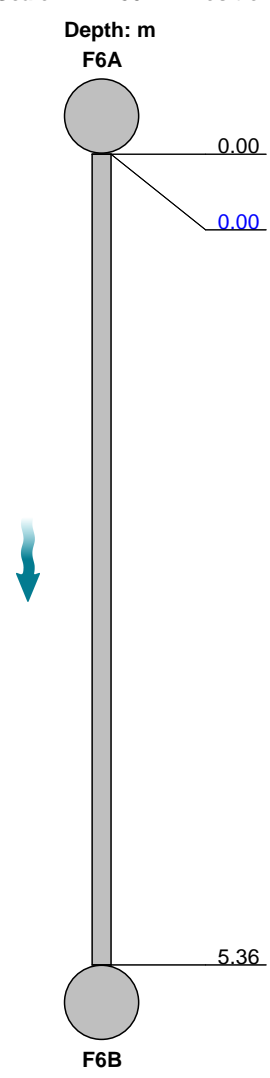
These scoring summaries are based on the SRM grading from the WRc.

Section Inspection - 01/08/2022 - F6AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	01/08/22	13:23	CALDER PARK	No Rain Or Snow	Yes	F6AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
AR		Not Specified		Not Specified	Not Specified	Not Specified	1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	F6A
Road:	Calder Park	Inspected Length:	5.36 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.36 m	Downstream Node:	F6B
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
<div><div><div>Depth: m</div><div>F6A</div><div></div><div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: F6A</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>5.36</td><td>MHF</td><td>Finish node, manhole, reference: F6B</td><td>00:00:45</td></tr></table></div></div></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: F6A	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	5.36	MHF	Finish node, manhole, reference: F6B	00:00:45
Position [m]	Code	Observation	MPEG																				
0.00	MH	Start node, manhole, reference: F6A	00:00:01																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																				
5.36	MHF	Finish node, manhole, reference: F6B	00:00:45																				

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	0.0	0	0.0	0.0	0.0	0.0

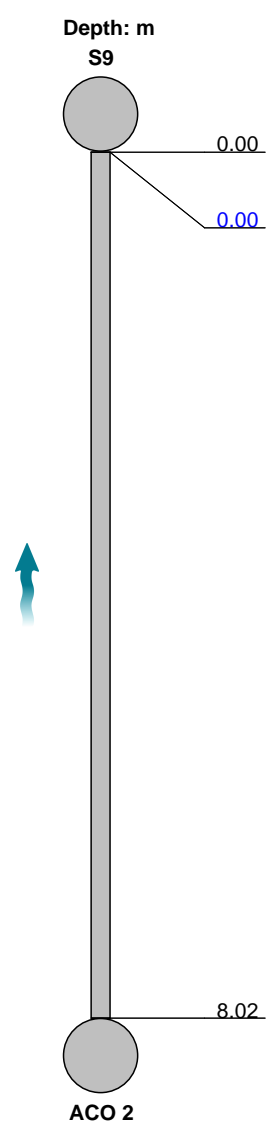
Section Inspection - 02/08/2022 - ACO 2X

Item No. 2	Insp. No. 22	Date 02/08/22	Time 15:30	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 2X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 2
Road:	Calder Park	Inspected Length:	8.02 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.02 m	Downstream Node:	S9
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:70	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m S9							
		0.00	MH	Start node, manhole, reference: S9	00:00:02		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
							
		8.02	GYF	Finish node, gully, reference: ACO 2	00:00:47		
				ACO 2			
				Depth: m			

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

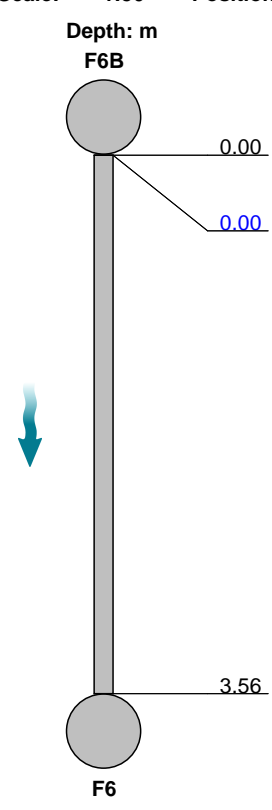
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/08/2022 - F6BX

Item No. 3	Insp. No. 2	Date 01/08/22	Time 13:34	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F6BX
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	F6B
Road:	Calder Park	Inspected Length:	3.56 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.56 m	Downstream Node:	F6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div>Depth: m</div><div>F6B</div><div></div><div>Depth: m</div><div>F6</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: F6B</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>3.56</td><td>MHF</td><td>Finish node, manhole, reference: F6</td><td>00:00:31</td></tr></table></div>								0.00	MH	Start node, manhole, reference: F6B	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	3.56	MHF	Finish node, manhole, reference: F6	00:00:31
0.00	MH	Start node, manhole, reference: F6B	00:00:02																
0.00	WL	Water level, 0% of the vertical dimension	00:00:03																
3.56	MHF	Finish node, manhole, reference: F6	00:00:31																

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

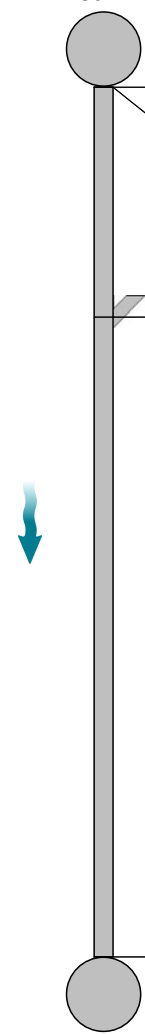
Section Inspection - 03/08/2022 - S37AX

Item No. 4	Insp. No. 30	Date 03/08/22	Time 11:21	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S37AX
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S37A
Road:	Calder Park	Inspected Length:	8.63 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.63 m	Downstream Node:	HW10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:75	Position [m]	Code	Observation	MPEG	Photo	Grade																				
<div><div><div>Depth: m</div><div>S37A</div><div></div><div>HW10</div><div>Depth: m</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S37A</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>2.28</td><td>CN</td><td>Connection other than junction at 10 o'clock, 150mm dia</td><td>00:00:12</td></tr><tr><td>8.63</td><td>OFF</td><td>Finish node, outfall, reference: HW10</td><td>00:00:48</td></tr></table></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: S37A	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	2.28	CN	Connection other than junction at 10 o'clock, 150mm dia	00:00:12	8.63	OFF	Finish node, outfall, reference: HW10	00:00:48
Position [m]	Code	Observation	MPEG																								
0.00	MH	Start node, manhole, reference: S37A	00:00:01																								
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																								
2.28	CN	Connection other than junction at 10 o'clock, 150mm dia	00:00:12																								
8.63	OFF	Finish node, outfall, reference: HW10	00:00:48																								
<div><div>Construction Features</div><div>Structural Defects</div><div>Miscellaneous Features</div><div>Service & Operational Observations</div></div>																											
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	0.0	0	0.0	0.0	0.0	0.0																		

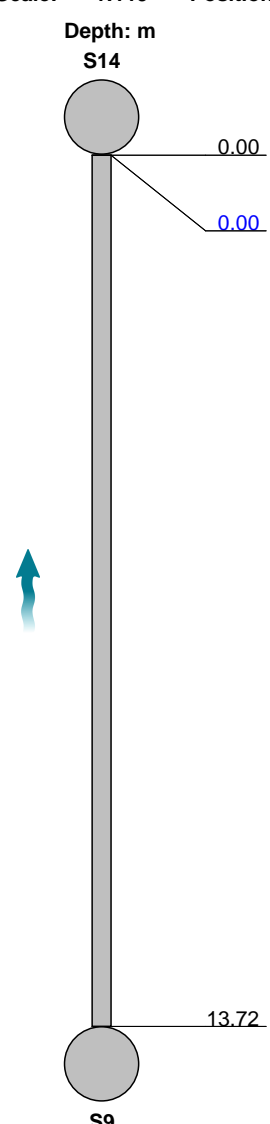
Section Inspection - 02/08/2022 - S9X

Item No. 5	Insp. No. 21	Date 02/08/22	Time 15:27	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S9X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S9
Road:	Calder Park	Inspected Length:	13.72 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	13.72 m	Downstream Node:	S14
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:119	Position [m]	Code	Observation	MPEG	Photo	Grade									
<div><div><div>Depth: m</div><div>S14</div><div></div><div>0.00</div><div>0.00</div><div>13.72</div><div>S9</div><div>Depth: m</div></div><table><tr><td>MH</td><td>Start node, manhole, reference: S14</td><td>00:00:02</td></tr><tr><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>MHF</td><td>Finish node, manhole, reference: S9</td><td>00:01:11</td></tr></table></div>								MH	Start node, manhole, reference: S14	00:00:02	WL	Water level, 0% of the vertical dimension	00:00:02	MHF	Finish node, manhole, reference: S9	00:01:11
MH	Start node, manhole, reference: S14	00:00:02														
WL	Water level, 0% of the vertical dimension	00:00:02														
MHF	Finish node, manhole, reference: S9	00:01:11														

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	0.0	0	0.0	0.0	0.0	0.0

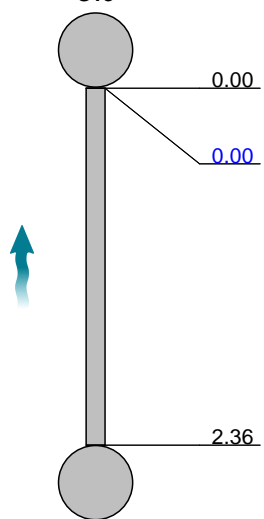
Section Inspection - 02/08/2022 - ACO 5X

Item No. 6	Insp. No. 15	Date 02/08/22	Time 14:24	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 5X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 5
Road:	Calder Park	Inspected Length:	2.36 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.36 m	Downstream Node:	S13
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade									
<div><div><div>Depth: m</div><div>S13</div><div></div><div>ACO 5</div><div>Depth: m</div></div><table><tr><td>MH</td><td>Start node, manhole, reference: S13</td><td>00:00:02</td></tr><tr><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>GYF</td><td>Finish node, gully, reference: ACO 5</td><td>00:00:30</td></tr></table></div>								MH	Start node, manhole, reference: S13	00:00:02	WL	Water level, 0% of the vertical dimension	00:00:02	GYF	Finish node, gully, reference: ACO 5	00:00:30
MH	Start node, manhole, reference: S13	00:00:02														
WL	Water level, 0% of the vertical dimension	00:00:02														
GYF	Finish node, gully, reference: ACO 5	00:00:30														

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	0.0	0	0.0	0.0	0.0	0.0

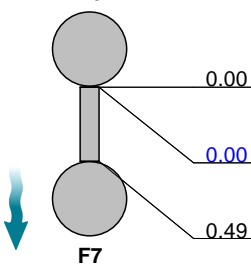
Section Inspection - 01/08/2022 - F6X

Item No. 7	Insp. No. 3	Date 01/08/22	Time 13:38	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F6X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	F6
Road:	Calder Park	Inspected Length:	0.49 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	0.49 m	Downstream Node:	F7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div>Depth: m</div><div>F6</div><div></div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: F6</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:04</td></tr><tr><td>0.49</td><td>MHF</td><td>Finish node, manhole, reference: F7</td><td>00:00:12</td></tr></table></div>								0.00	MH	Start node, manhole, reference: F6	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:04	0.49	MHF	Finish node, manhole, reference: F7	00:00:12
0.00	MH	Start node, manhole, reference: F6	00:00:02																
0.00	WL	Water level, 0% of the vertical dimension	00:00:04																
0.49	MHF	Finish node, manhole, reference: F7	00:00:12																

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	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/08/2022 - F9X

Item No. 8	Insp. No. 6	Date 01/08/22	Time 15:02	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F9X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	F9
Road:	Calder Park	Inspected Length:	29.27 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	29.27 m	Downstream Node:	F10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:253 Position [m] Code Observation MPEG Photo Grade

The diagram shows a vertical shaft representing a manhole. At the top, a grey circle is labeled 'F10' and 'Depth: m'. A horizontal line extends from this circle to the right, labeled '0.00'. A diagonal line extends from the circle to the right, labeled '0.00'. At the bottom, a grey circle is labeled 'F9' and 'Depth: m'. A horizontal line extends from this circle to the right, labeled '29.27'. A vertical line connects the two circles. A green arrow points upwards along the left side of the shaft.

Code	Observation	MPEG	Photo	Grade
MH	Start node, manhole, reference: F10	00:00:01		
WL	Water level, 0% of the vertical dimension	00:00:02		
MHF	Finish node, manhole, reference: F9	00:03:19		

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

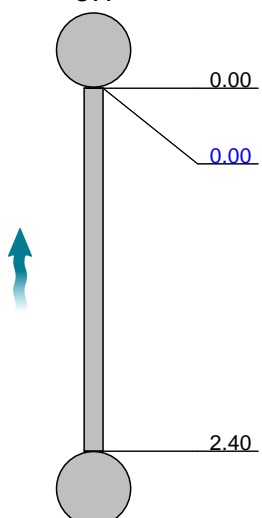
Section Inspection - 02/08/2022 - ACO 6X

Item No. 9	Insp. No. 20	Date 02/08/22	Time 15:24	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 6X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 6
Road:	Calder Park	Inspected Length:	2.40 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.40 m	Downstream Node:	S14
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div>Depth: m</div><div>S14</div><div></div><div>ACO 6</div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S14</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>2.40</td><td>GYF</td><td>Finish node, gully, reference: ACO 6</td><td>00:00:25</td></tr></table></div>								0.00	MH	Start node, manhole, reference: S14	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	2.40	GYF	Finish node, gully, reference: ACO 6	00:00:25
0.00	MH	Start node, manhole, reference: S14	00:00:02																
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																
2.40	GYF	Finish node, gully, reference: ACO 6	00:00:25																

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	0.0	0	0.0	0.0	0.0	0.0

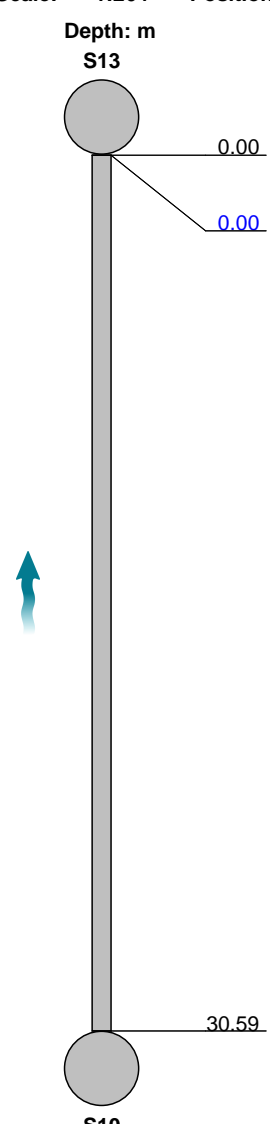
Section Inspection - 02/08/2022 - S10X

Item No. 10	Insp. No. 18	Date 02/08/22	Time 14:46	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S10X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S10
Road:	Calder Park	Inspected Length:	30.59 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	30.59 m	Downstream Node:	S13
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:264	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>S13</div><div></div><div><div>0.00</div><div>MH</div><div>Start node, manhole, reference: S13</div><div>00:00:02</div></div><div><div>0.00</div><div>WL</div><div>Water level, 0% of the vertical dimension</div><div>00:00:03</div></div><div><div>30.59</div><div>MHF</div><div>Finish node, manhole, reference: S10</div><div>00:02:25</div></div><div><div>S10</div><div>Depth: m</div></div></div></div>						

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	0.0	0	0.0	0.0	0.0	0.0

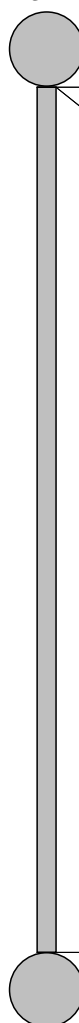
Section Inspection - 02/08/2022 - ACO 3X

Item No. 11	Insp. No. 17	Date 02/08/22	Time 14:38	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 3X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 3
Road:	Calder Park	Inspected Length:	8.01 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.01 m	Downstream Node:	S11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:70	Position [m]	Code	Observation	MPEG	Photo	Grade																																
<div><div><div>Depth: m</div><div>S11</div><div></div><div>ACO 3</div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S11</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:01</td></tr><tr><td>8.01</td><td>GYF</td><td>Finish node, gully, reference: ACO 3</td><td>00:01:07</td></tr></table><div>Construction Features</div><div>Miscellaneous Features</div><div>Structural Defects</div><div>Service & Operational Observations</div><table><tr><th>STR No. Def</th><th>STR Peak</th><th>STR Mean</th><th>STR Total</th><th>STR Grade</th><th>SER No. Def</th><th>SER Peak</th><th>SER Mean</th><th>SER Total</th><th>SER Grade</th></tr><tr><td>0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr></table></div>								0.00	MH	Start node, manhole, reference: S11	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:01	8.01	GYF	Finish node, gully, reference: ACO 3	00:01:07	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	0.0	0	0.0	0.0	0.0	0.0
0.00	MH	Start node, manhole, reference: S11	00:00:01																																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:01																																				
8.01	GYF	Finish node, gully, reference: ACO 3	00:01:07																																				
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	0.0	0	0.0	0.0	0.0	0.0																														

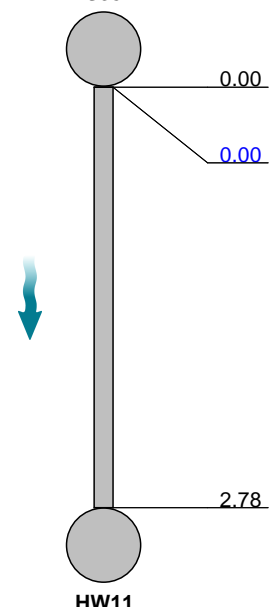
Section Inspection - 03/08/2022 - S35X

Item No. 12	Insp. No. 27	Date 03/08/22	Time 7:46	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S35X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S35
Road:	Calder Park	Inspected Length:	2.78 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.78 m	Downstream Node:	HW11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div>Depth: m</div><div>S35</div><div></div><div><div>HW11</div><div>Depth: m</div></div></div><table><tr><td>0.00</td><td>CP</td><td>Start node, catchpit, reference: S35</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>2.78</td><td>OFF</td><td>Finish node, outfall, reference: HW11: - CAPPED OFF</td><td>00:00:35</td></tr></table></div>								0.00	CP	Start node, catchpit, reference: S35	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	2.78	OFF	Finish node, outfall, reference: HW11: - CAPPED OFF	00:00:35
0.00	CP	Start node, catchpit, reference: S35	00:00:01																
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																
2.78	OFF	Finish node, outfall, reference: HW11: - CAPPED OFF	00:00:35																

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

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

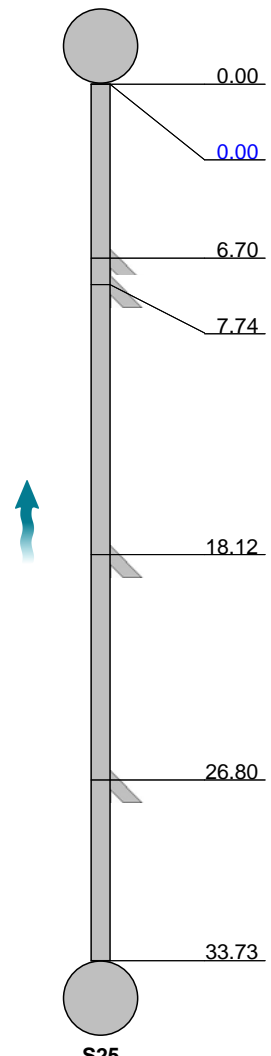
Section Inspection - 02/08/2022 - S25X

Item No. 13	Insp. No. 10	Date 02/08/22	Time 10:18	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S25X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S25
Road:	Calder Park	Inspected Length:	33.73 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	33.73 m	Downstream Node:	S26
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:291	Position [m]	Code	Observation	MPEG	Photo	Grade
<div style="display: flex; align-items: center;"> <div style="text-align: right; margin-right: 10px;"> Depth: m S26 </div>  </div>						
	0.00	MH	Start node, manhole, reference: S26	00:00:01		
	0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
	6.70	JN	Junction at 9 o'clock, 150mm dia	00:00:28		
	7.74	JN	Junction at 9 o'clock, 150mm dia	00:00:34		
	18.12	JN	Junction at 9 o'clock, 150mm dia	00:01:14		
	26.80	JN	Junction at 9 o'clock, 150mm dia	00:01:47		
	33.73	MHF	Finish node, manhole, reference: S25	00:02:14		
						Depth: m S25

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	0.0	0	0.0	0.0	0.0	0.0

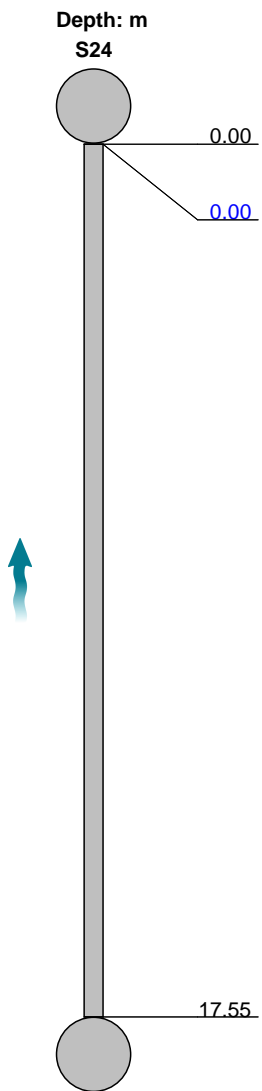
Section Inspection - 02/08/2022 - S23X

Item No. 14	Insp. No. 8	Date 02/08/22	Time 7:39	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S23X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S23
Road:	Calder Park	Inspected Length:	17.55 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	17.55 m	Downstream Node:	S24
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:152	Position [m]	Code	Observation	MPEG	Photo	Grade																																
<div><div><div><div>Depth: m</div><div>S24</div><div></div><div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S24</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension: LINE ACTIVE</td><td>00:00:02</td></tr><tr><td>17.55</td><td>MHF</td><td>Finish node, manhole, reference: S23</td><td>00:01:09</td></tr></table></div></div><div><div>Construction Features</div><div>Structural Defects</div><div>Miscellaneous Features</div><div>Service & Operational Observations</div></div><div><table><tr><th>STR No. Def</th><th>STR Peak</th><th>STR Mean</th><th>STR Total</th><th>STR Grade</th><th>SER No. Def</th><th>SER Peak</th><th>SER Mean</th><th>SER Total</th><th>SER Grade</th></tr><tr><td>0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr></table></div></div></div>								0.00	MH	Start node, manhole, reference: S24	00:00:01	0.00	WL	Water level, 5% of the vertical dimension: LINE ACTIVE	00:00:02	17.55	MHF	Finish node, manhole, reference: S23	00:01:09	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	0.0	0	0.0	0.0	0.0	0.0
0.00	MH	Start node, manhole, reference: S24	00:00:01																																				
0.00	WL	Water level, 5% of the vertical dimension: LINE ACTIVE	00:00:02																																				
17.55	MHF	Finish node, manhole, reference: S23	00:01:09																																				
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	0.0	0	0.0	0.0	0.0	0.0																														

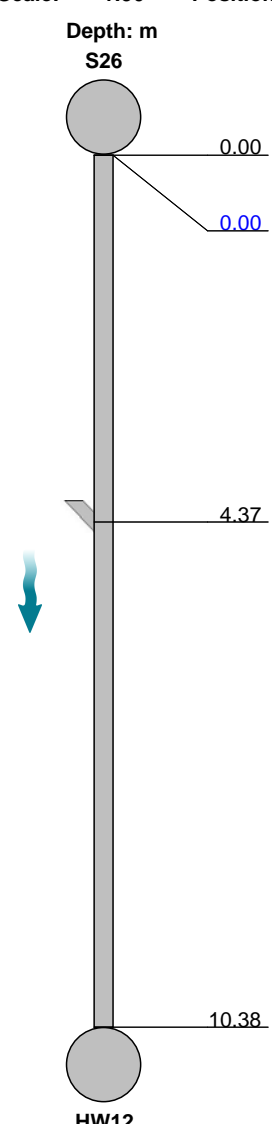
Section Inspection - 03/08/2022 - S26X

Item No. 15	Insp. No. 28	Date 03/08/22	Time 8:23	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S26X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S26
Road:	Calder Park	Inspected Length:	10.38 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	10.38 m	Downstream Node:	HW12
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:90	Position [m]	Code	Observation	MPEG	Photo	Grade																				
<div><div><div>Depth: m</div><div>S26</div><div></div><div>HW12</div><div>Depth: m</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S26</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>4.37</td><td>CN</td><td>Connection other than junction at 2 o'clock, 150mm dia</td><td>00:00:20</td></tr><tr><td>10.38</td><td>OFF</td><td>Finish node, outfall, reference: HW12: - CAPPED OFF</td><td>00:00:45</td></tr></table></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: S26	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	4.37	CN	Connection other than junction at 2 o'clock, 150mm dia	00:00:20	10.38	OFF	Finish node, outfall, reference: HW12: - CAPPED OFF	00:00:45
Position [m]	Code	Observation	MPEG																								
0.00	MH	Start node, manhole, reference: S26	00:00:02																								
0.00	WL	Water level, 0% of the vertical dimension	00:00:03																								
4.37	CN	Connection other than junction at 2 o'clock, 150mm dia	00:00:20																								
10.38	OFF	Finish node, outfall, reference: HW12: - CAPPED OFF	00:00:45																								

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

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

Section Inspection - 01/08/2022 - F10X

Item No. 16	Insp. No. 7	Date 01/08/22	Time 15:26	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F10X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	F10
Road:	Calder Park	Inspected Length:	47.70 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	47.70 m	Downstream Node:	F11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:412 Position [m] Code Observation MPEG Photo Grade

Code	Observation	MPEG	Photo	Grade
MH	Start node, manhole, reference: F10	00:00:02		
WL	Water level, 0% of the vertical dimension	00:00:03		
MHF	Finish node, manhole, reference: F11	00:05:04		

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

Section Inspection - 02/08/2022 - S36X

Item No. 17	Insp. No. 12	Date 02/08/22	Time 11:20	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S36X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S36
Road:	Calder Park	Inspected Length:	7.31 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	7.31 m	Downstream Node:	S37A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water			Pipe Shape:	Circular
Type of Pipe:	Gravity drain/sewer			Dia/Height:	375 mm
Flow Control:	No flow control			Material:	Polyethylene
Year Constructed:	2022			Lining Type:	No Lining
Inspection Purpose:	Post completion condition survey			Lining Material:	No Lining

Comments:

Recommendations:

The diagram illustrates a vertical manhole section. At the top, a grey circle represents the start node (manhole), labeled S37A. A vertical grey pipe extends downwards to a bottom grey circle representing the finish node (manhole), labeled S36. A green arrow on the left points upwards, indicating the direction of flow. Two horizontal lines with labels indicate depths: 0.00 at the top and 7.31 at the bottom. A table on the right provides detailed observations for this section.

Scale:	1:64	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m							
		0.00	MH	Start node, manhole, reference: S37A	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
		7.31	MHF	Finish node, manhole, reference: S36	00:00:38		
Depth: m							

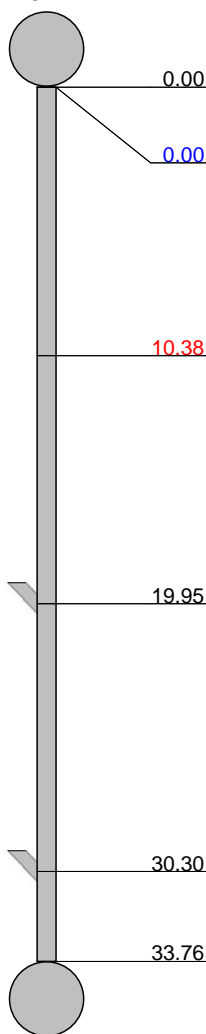
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - S24X

Item No. 18	Insp. No. 9	Date 02/08/22	Time 9:43	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S24X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S24
Road:	Calder Park	Inspected Length:	33.76 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	33.76 m	Downstream Node:	S25
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:292	Position [m]	Code	Observation	MPEG	Photo	Grade																					
<div><div><div>Depth: m</div><div>S24</div><div></div><div><table><tr><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>MH</td><td>Start node, manhole, reference: S24</td><td>00:00:01</td></tr><tr><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>B</td><td>Broken pipe at 4 o'clock</td><td>00:00:46</td></tr><tr><td>JN</td><td>Junction at 2 o'clock, 150mm dia</td><td>00:01:26</td></tr><tr><td>JN</td><td>Junction at 2 o'clock, 150mm dia</td><td>00:02:05</td></tr><tr><td>MHF</td><td>Finish node, manhole, reference: S25</td><td>00:02:21</td></tr></table></div></div></div>								Code	Observation	MPEG	MH	Start node, manhole, reference: S24	00:00:01	WL	Water level, 0% of the vertical dimension	00:00:02	B	Broken pipe at 4 o'clock	00:00:46	JN	Junction at 2 o'clock, 150mm dia	00:01:26	JN	Junction at 2 o'clock, 150mm dia	00:02:05	MHF	Finish node, manhole, reference: S25	00:02:21
Code	Observation	MPEG																										
MH	Start node, manhole, reference: S24	00:00:01																										
WL	Water level, 0% of the vertical dimension	00:00:02																										
B	Broken pipe at 4 o'clock	00:00:46																										
JN	Junction at 2 o'clock, 150mm dia	00:01:26																										
JN	Junction at 2 o'clock, 150mm dia	00:02:05																										
MHF	Finish node, manhole, reference: S25	00:02:21																										
<div><div>Construction Features</div><div>Structural Defects</div><div>Miscellaneous Features</div><div>Service & Operational Observations</div></div>																												
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	0.0	0	0.0	0.0	0.0	0.0																			

Section Inspection - 02/08/2022 - S38X

Item No. 19	Insp. No. 13	Date 02/08/22	Time 12:52	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S38X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S38
Road:	Calder Park	Inspected Length:	0.00 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	0.00 m	Downstream Node:	S19
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m S19  S38 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

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

Section Inspection - 02/08/2022 - S14X

Item No. 20	Insp. No. 24	Date 02/08/22	Time 15:39	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S14X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S14
Road:	Calder Park	Inspected Length:	0.00 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	0.00 m	Downstream Node:	S15
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

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

S14



S15

Depth: m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

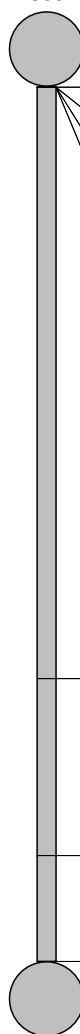
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 03/08/2022 - S33X

Item No. 21	Insp. No. 26	Date 03/08/22	Time 7:34	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S33X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S33
Road:	Calder Park	Inspected Length:	10.06 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	10.06 m	Downstream Node:	S35
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:87	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div><div><div>Depth: m</div><div>S33</div><div></div><div><table><tr><td>0.00</td><td>IC</td><td>Start node, inspection chamber, reference: S33</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>0.00</td><td>IC</td><td>Start node, inspection chamber, reference: S33</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>6.81</td><td>MCMX</td><td>Pipe material changes to a mixed material at this point: POLYETHELENE</td><td>00:00:43</td></tr><tr><td>8.84</td><td>MCMX</td><td>Pipe material changes to a mixed material at this point: POLYETHYLENE</td><td>00:01:08</td></tr><tr><td>10.06</td><td>CPF</td><td>Finish node, catchpit, reference: S35</td><td>00:01:22</td></tr></table></div></div></div>								0.00	IC	Start node, inspection chamber, reference: S33	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	0.00	IC	Start node, inspection chamber, reference: S33	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	6.81	MCMX	Pipe material changes to a mixed material at this point: POLYETHELENE	00:00:43	8.84	MCMX	Pipe material changes to a mixed material at this point: POLYETHYLENE	00:01:08	10.06	CPF	Finish node, catchpit, reference: S35	00:01:22
0.00	IC	Start node, inspection chamber, reference: S33	00:00:01																																
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																																
0.00	IC	Start node, inspection chamber, reference: S33	00:00:01																																
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																																
6.81	MCMX	Pipe material changes to a mixed material at this point: POLYETHELENE	00:00:43																																
8.84	MCMX	Pipe material changes to a mixed material at this point: POLYETHYLENE	00:01:08																																
10.06	CPF	Finish node, catchpit, reference: S35	00:01:22																																

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	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - S11X

Item No. 22	Insp. No. 16	Date 02/08/22	Time 14:35	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S11X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S11
Road:	Calder Park	Inspected Length:	13.03 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	13.03 m	Downstream Node:	S13
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water		Pipe Shape:	Circular	
Type of Pipe:	Gravity drain/sewer		Dia/Height:	225 mm	
Flow Control:	No flow control		Material:	Polyethylene	
Year Constructed:	2022		Lining Type:	No Lining	
Inspection Purpose:	Post completion condition survey		Lining Material:	No Lining	

Comments:

Recommendations:

Scale: 1:113 Position [m] Code Observation MPEG Photo Grade

Depth: m
S13

0.00

MH Start node, manhole, reference: S13 00:00:02

0.00

WL Water level, 0% of the vertical dimension 00:00:02

13.03

MHF Finish node, manhole, reference: S11 00:01:10

S11
Depth: m

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

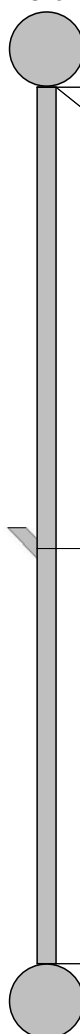
Section Inspection - 02/08/2022 - S13X

Item No. 23	Insp. No. 19	Date 02/08/22	Time 15:07	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S13X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S13
Road:	Calder Park	Inspected Length:	51.83 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	51.83 m	Downstream Node:	S14
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

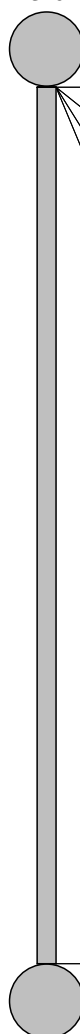
Scale: 1:447	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>S13</div><div></div><div>Depth: m</div></div><div><div>0.00</div><div>MH</div><div>Start node, manhole, reference: S13</div><div>00:00:02</div></div><div><div>0.00</div><div>WL</div><div>Water level, 0% of the vertical dimension</div><div>00:00:03</div></div><div><div>27.29</div><div>CN</div><div>Connection other than junction at 2 o'clock, 150mm dia</div><div>00:02:04</div></div><div><div>51.83</div><div>MHF</div><div>Finish node, manhole, reference: S14</div><div>00:04:13</div></div></div>						
<div><div>Construction Features</div><div>Structural Defects</div><div>Miscellaneous Features</div><div>Service & Operational Observations</div></div>						
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak
0	0.0	0.0	0.0	0.0	0	0.0

Section Inspection - 03/08/2022 - S20X

Item No. 24	Insp. No. 29	Date 03/08/22	Time 10:53	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S20X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Downstream	Upstream Node:	S20
Road:	Calder Park	Inspected Length:	16.70 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	16.70 m	Downstream Node:	HW13
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:144	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div><div><div>Depth: m</div><div>S20</div><div></div><div>HW13</div><div>Depth: m</div></div></div> <tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S20</td><td></td><td>00:00:01</td><td></td><td></td></tr> <tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td></td><td>00:00:02</td><td></td><td></td></tr> <tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S20</td><td></td><td>00:00:01</td><td></td><td></td></tr> <tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td></td><td>00:00:02</td><td></td><td></td></tr> <tr><td>16.70</td><td>OFF</td><td>Finish node, outfall, reference: HW13</td><td></td><td>00:01:05</td><td></td><td></td></tr>							0.00	MH	Start node, manhole, reference: S20		00:00:01			0.00	WL	Water level, 0% of the vertical dimension		00:00:02			0.00	MH	Start node, manhole, reference: S20		00:00:01			0.00	WL	Water level, 0% of the vertical dimension		00:00:02			16.70	OFF	Finish node, outfall, reference: HW13		00:01:05		
0.00	MH	Start node, manhole, reference: S20		00:00:01																																					
0.00	WL	Water level, 0% of the vertical dimension		00:00:02																																					
0.00	MH	Start node, manhole, reference: S20		00:00:01																																					
0.00	WL	Water level, 0% of the vertical dimension		00:00:02																																					
16.70	OFF	Finish node, outfall, reference: HW13		00:01:05																																					

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	0.0	0	0.0	0.0	0.0	0.0

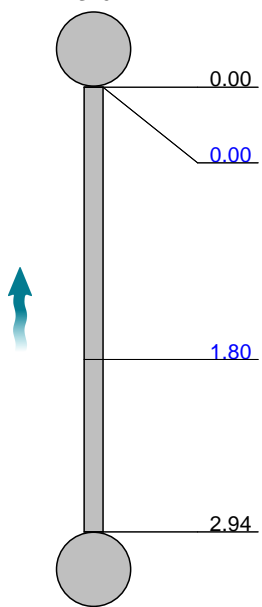
Section Inspection - 02/08/2022 - ACO 4X

Item No. 25	Insp. No. 14	Date 02/08/22	Time 13:45	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 4X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 4
Road:	Calder Park	Inspected Length:	2.94 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.94 m	Downstream Node:	S10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
<div><div><div>Depth: m</div><div>S10</div><div></div><div>ACO 4</div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S10</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>1.80</td><td>REM</td><td>General remark: BELLY</td><td>00:00:21</td></tr><tr><td>2.94</td><td>BRF</td><td>Finish node, major connection without manhole, reference: ACO 4</td><td>00:00:37</td></tr></table></div>								0.00	MH	Start node, manhole, reference: S10	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	1.80	REM	General remark: BELLY	00:00:21	2.94	BRF	Finish node, major connection without manhole, reference: ACO 4	00:00:37
0.00	MH	Start node, manhole, reference: S10	00:00:02																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																				
1.80	REM	General remark: BELLY	00:00:21																				
2.94	BRF	Finish node, major connection without manhole, reference: ACO 4	00:00:37																				

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

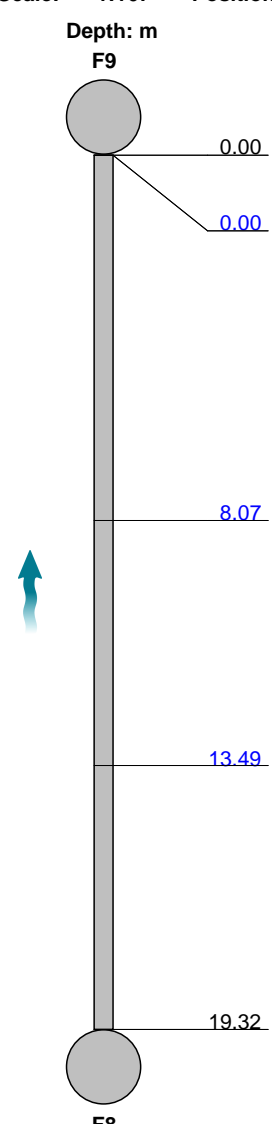
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/08/2022 - F8X

Item No. 26	Insp. No. 5	Date 01/08/22	Time 14:34	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F8X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	F8
Road:	Calder Park	Inspected Length:	19.32 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	19.32 m	Downstream Node:	F9
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:167	Position [m]	Code	Observation	MPEG	Photo	Grade																				
<div><div><div>Depth: m</div><div>F9</div><div></div><div>Depth: m</div><div>F8</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: F9</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>8.07</td><td>REM</td><td>General remark: BELLY</td><td>00:01:09</td></tr><tr><td>13.49</td><td>REM</td><td>General remark: BELLY</td><td>00:01:45</td></tr><tr><td>19.32</td><td>MHF</td><td>Finish node, manhole, reference: F8</td><td>00:02:30</td></tr></table></div>							0.00	MH	Start node, manhole, reference: F9	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	8.07	REM	General remark: BELLY	00:01:09	13.49	REM	General remark: BELLY	00:01:45	19.32	MHF	Finish node, manhole, reference: F8	00:02:30
0.00	MH	Start node, manhole, reference: F9	00:00:02																							
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																							
8.07	REM	General remark: BELLY	00:01:09																							
13.49	REM	General remark: BELLY	00:01:45																							
19.32	MHF	Finish node, manhole, reference: F8	00:02:30																							

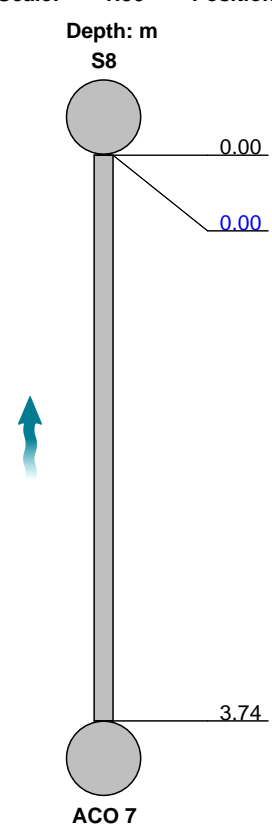
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - ACO 7X

Item No. 27	Insp. No. 25	Date 02/08/22	Time 15:50	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 7X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 7
Road:	Calder Park	Inspected Length:	3.74 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.74 m	Downstream Node:	S8
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
<div><div><div>Depth: m</div><div>S8</div><div></div><div><div>ACO 7</div><div>Depth: m</div></div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S8</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>3.74</td><td>GYF</td><td>Finish node, gully, reference: ACO 7</td><td>00:00:29</td></tr></table></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: S8	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	3.74	GYF	Finish node, gully, reference: ACO 7	00:00:29
Position [m]	Code	Observation	MPEG																				
0.00	MH	Start node, manhole, reference: S8	00:00:02																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:03																				
3.74	GYF	Finish node, gully, reference: ACO 7	00:00:29																				

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

Section Inspection - 01/08/2022 - F7X

Item No. 28	Insp. No. 4	Date 01/08/22	Time 14:15	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F7X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	F7
Road:	Calder Park	Inspected Length:	29.58 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	29.58 m	Downstream Node:	F8
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:255 Position [m] Code Observation MPEG Photo Grade

Code	Observation	MPEG	Photo	Grade
MH	Start node, manhole, reference: F8	00:00:01		
WL	Water level, 0% of the vertical dimension	00:00:04		
MHF	Finish node, manhole, reference: F7	00:03:35		

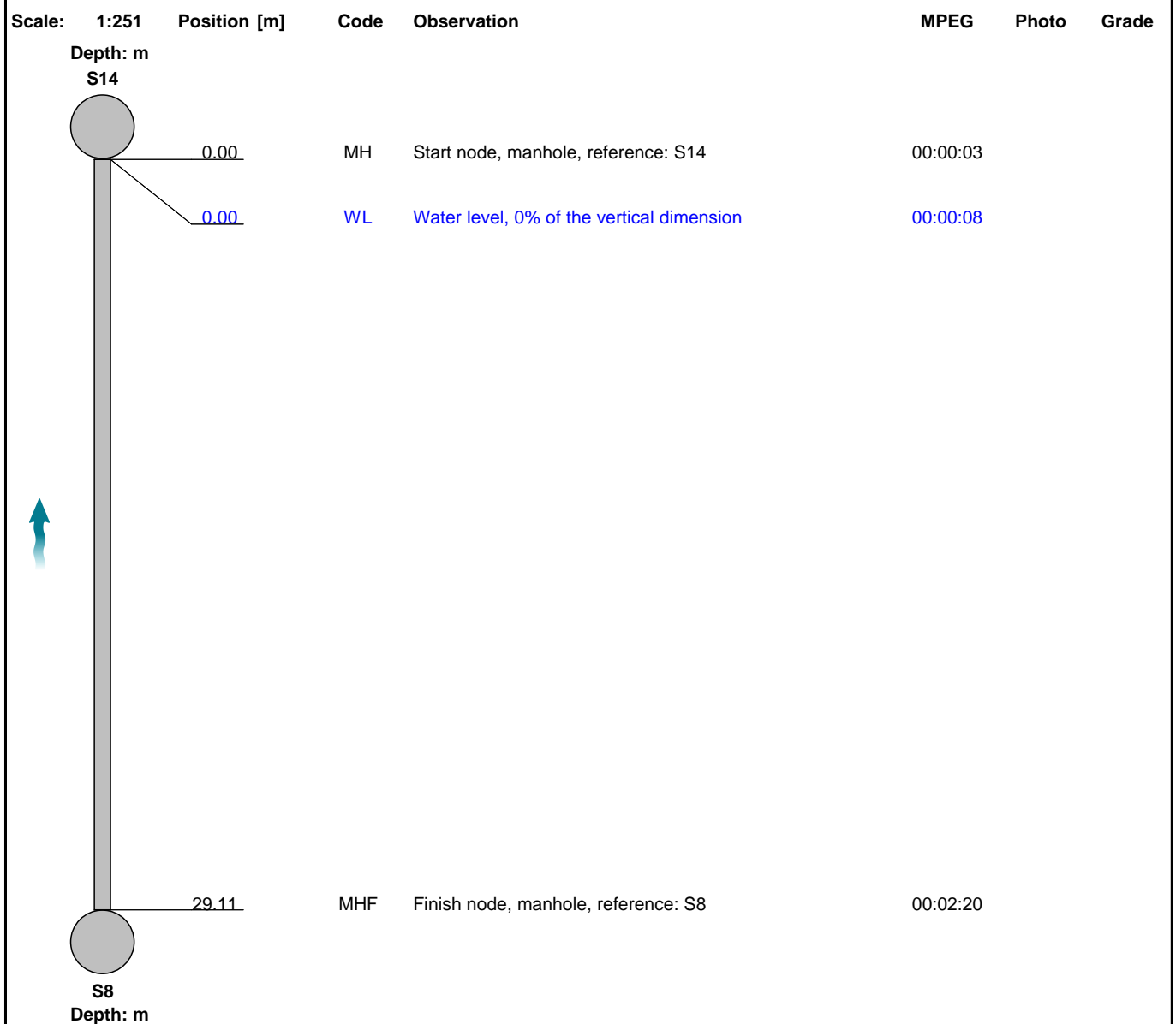
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - S8X

Item No. 29	Insp. No. 23	Date 02/08/22	Time 15:34	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S8X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S8
Road:	Calder Park	Inspected Length:	29.11 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	29.11 m	Downstream Node:	S14
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	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	0.0	0	0.0	0.0	0.0	0.0

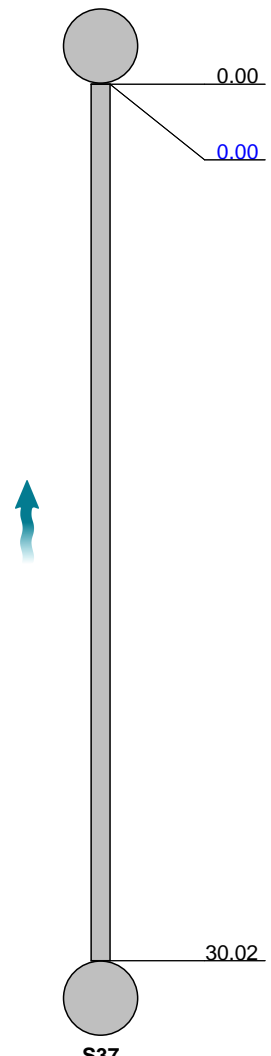
Section Inspection - 02/08/2022 - S37X

Item No. 30	Insp. No. 11	Date 02/08/22	Time 11:12	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S37X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S37
Road:	Calder Park	Inspected Length:	30.02 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	30.02 m	Downstream Node:	S37A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:259	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m S37A							
		0.00	MH	Start node, manhole, reference: S37A	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
							
		30.02	MHF	Finish node, manhole, reference: S37	00:02:06		
S37 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

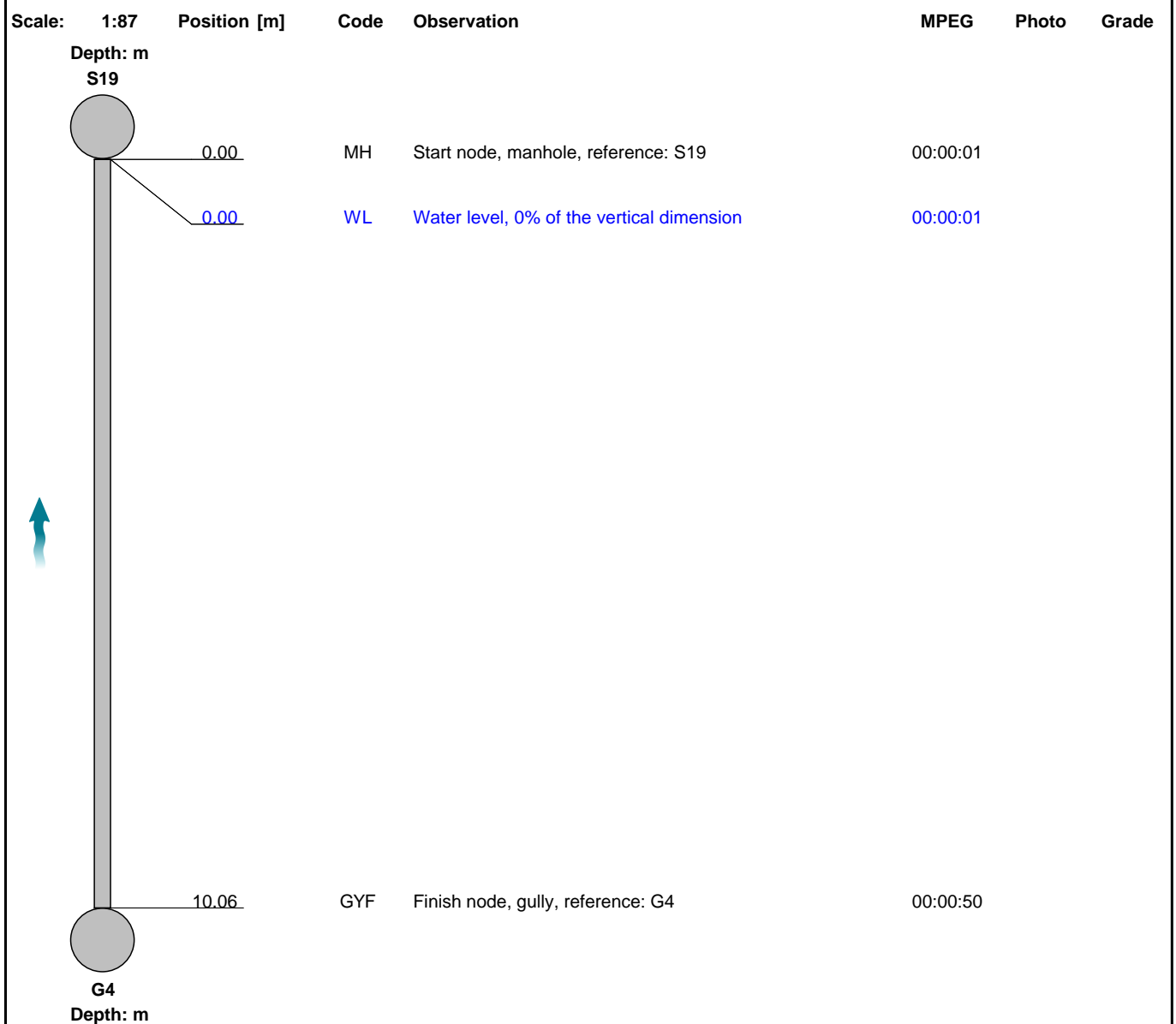
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - G4X

Item No. 31	Insp. No. 20	Date 02/08/22	Time 13:15	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G4X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G4
Road:	Calder Park	Inspected Length:	10.06 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	10.06 m	Downstream Node:	S19
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	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	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/08/2022 - SVP11X

Item No. 32	Insp. No. 3	Date 01/08/22	Time 13:52	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP11X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	SVP11
Road:	Calder Park	Inspected Length:	10.12 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	10.12 m	Downstream Node:	F6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:88	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <div>Depth: m</div> <div>F6</div> <div>0.00</div> <div>0.00</div> <div>9.50</div> <div>10.12</div> <div>SVP11</div> <div>Depth: m</div> </div>							
		0.00	IC	Start node, inspection chamber, reference: F6	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		9.50	JN	Junction at 3 o'clock, 100mm dia	00:00:29		
		10.12	BRF	Finish node, major connection without manhole, reference: SVP11	00:00:35		

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	0.0	0	0.0	0.0	0.0	0.0

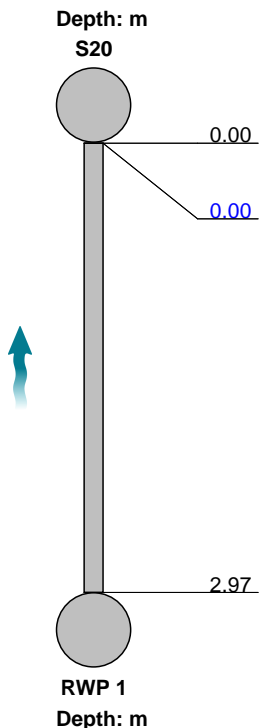
Section Inspection - 02/08/2022 - RWP 1X

Item No. 33	Insp. No. 10	Date 02/08/22	Time 10:40	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWP 1X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP 1
Road:	Calder Park	Inspected Length:	2.97 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.97 m	Downstream Node:	S20
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade									
<div><div><div>Depth: m</div><div>S20</div><div></div><div>0.00</div><div>0.00</div><div>2.97</div><div>RWP 1</div><div>Depth: m</div></div><table><tr><td>MH</td><td>Start node, manhole, reference: S20</td><td>00:00:00</td></tr><tr><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>BRF</td><td>Finish node, major connection without manhole, reference: RWP 1</td><td>00:00:28</td></tr></table></div>								MH	Start node, manhole, reference: S20	00:00:00	WL	Water level, 0% of the vertical dimension	00:00:03	BRF	Finish node, major connection without manhole, reference: RWP 1	00:00:28
MH	Start node, manhole, reference: S20	00:00:00														
WL	Water level, 0% of the vertical dimension	00:00:03														
BRF	Finish node, major connection without manhole, reference: RWP 1	00:00:28														

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	0.0	0	0.0	0.0	0.0	0.0

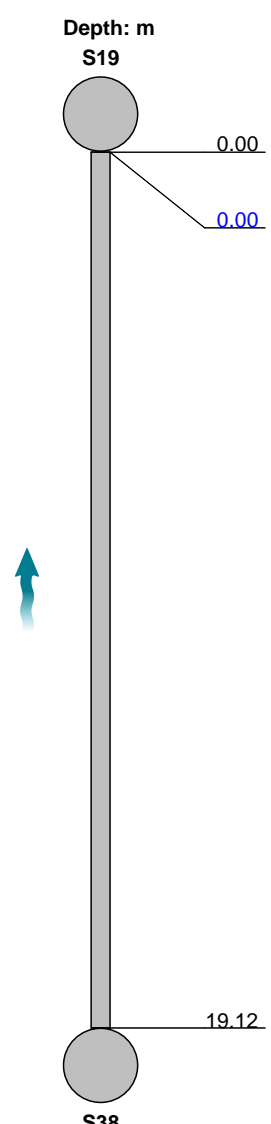
Section Inspection - 02/08/2022 - S38X

Item No. 34	Insp. No. 19	Date 02/08/22	Time 13:12	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S38X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S38
Road:	Calder Park	Inspected Length:	19.12 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	19.12 m	Downstream Node:	S19
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:165	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m S19							
		0.00	MH	Start node, manhole, reference: S19	00:00:02		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
							
		19.12	BRF	Finish node, major connection without manhole, reference: S38	00:00:58		
S38 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

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

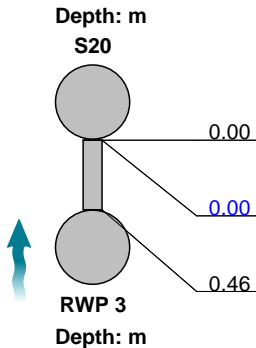
Section Inspection - 02/08/2022 - RWP 3X

Item No. 35	Insp. No. 12	Date 02/08/22	Time 10:45	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWP 3X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP 3
Road:	Calder Park	Inspected Length:	0.46 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	0.46 m	Downstream Node:	S20
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: S20	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
		0.46	BRF	Finish node, major connection without manhole, reference: RWP 3	00:00:11		

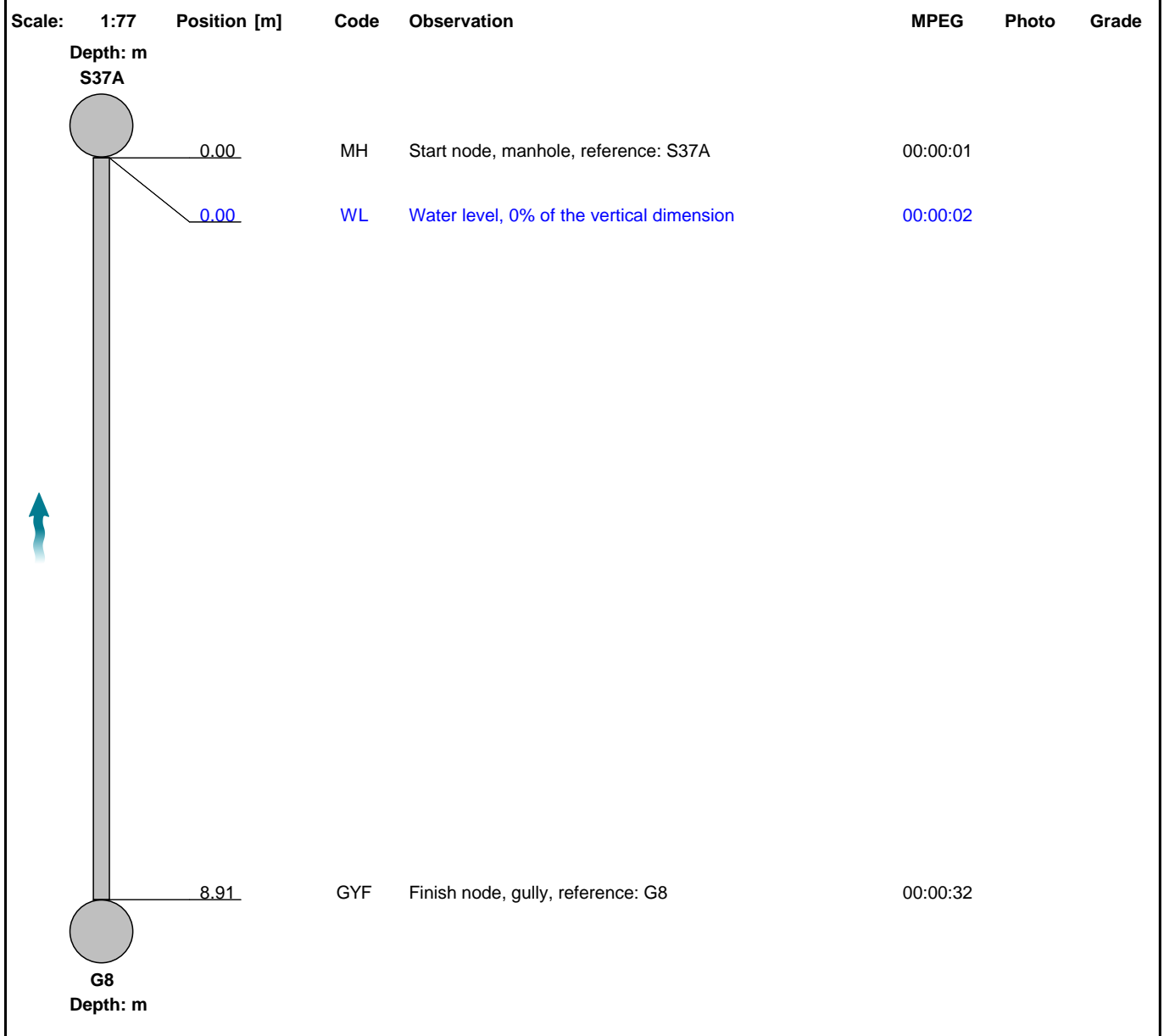
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - G8X

Item No. 36	Insp. No. 16	Date 02/08/22	Time 12:37	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G8X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G8
Road:	Calder Park	Inspected Length:	8.91 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.91 m	Downstream Node:	S37A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



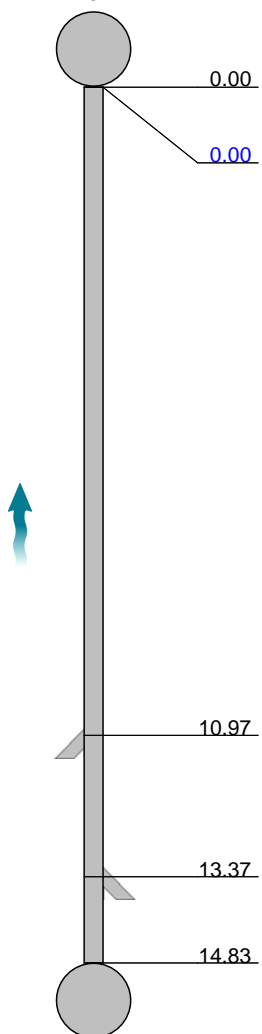
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/08/2022 - SVP7X

Item No. 37	Insp. No. 1	Date 01/08/22	Time 13:42	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP7X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	SVP7
Road:	Calder Park	Inspected Length:	14.83 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	14.83 m	Downstream Node:	F6A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:128	Position [m]	Code	Observation	MPEG	Photo	Grade																				
<div><div><div>Depth: m</div><div>F6A</div><div></div><table><tr><td>0.00</td><td>IC</td><td>Start node, inspection chamber, reference: F6A</td><td>00:00:01</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>10.97</td><td>JN</td><td>Junction at 3 o'clock, 100mm dia</td><td>00:00:33</td></tr><tr><td>13.37</td><td>JN</td><td>Junction at 9 o'clock, 100mm dia</td><td>00:00:55</td></tr><tr><td>14.83</td><td>BRF</td><td>Finish node, major connection without manhole, reference: SVP7</td><td>00:01:01</td></tr></table></div></div>								0.00	IC	Start node, inspection chamber, reference: F6A	00:00:01	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	10.97	JN	Junction at 3 o'clock, 100mm dia	00:00:33	13.37	JN	Junction at 9 o'clock, 100mm dia	00:00:55	14.83	BRF	Finish node, major connection without manhole, reference: SVP7	00:01:01
0.00	IC	Start node, inspection chamber, reference: F6A	00:00:01																								
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																								
10.97	JN	Junction at 3 o'clock, 100mm dia	00:00:33																								
13.37	JN	Junction at 9 o'clock, 100mm dia	00:00:55																								
14.83	BRF	Finish node, major connection without manhole, reference: SVP7	00:01:01																								

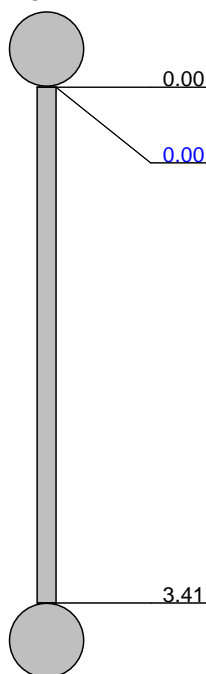
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - G6X

Item No. 38	Insp. No. 5	Date 02/08/22	Time 8:47	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G6X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G6
Road:	Calder Park	Inspected Length:	3.41 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.41 m	Downstream Node:	S24
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
<div><div><div>Depth: m</div><div>S24</div><div></div><div>G6</div><div>Depth: m</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S24</td><td>00:00:04</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:05</td></tr><tr><td>3.41</td><td>GYF</td><td>Finish node, gully, reference: G6</td><td>00:00:37</td></tr></table></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: S24	00:00:04	0.00	WL	Water level, 0% of the vertical dimension	00:00:05	3.41	GYF	Finish node, gully, reference: G6	00:00:37
Position [m]	Code	Observation	MPEG																				
0.00	MH	Start node, manhole, reference: S24	00:00:04																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:05																				
3.41	GYF	Finish node, gully, reference: G6	00:00:37																				

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	0.0	0	0.0	0.0	0.0	0.0

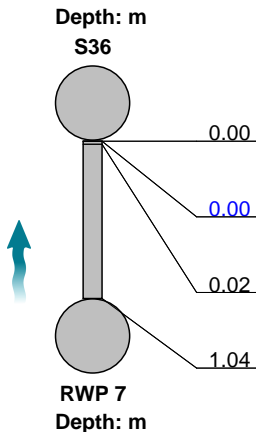
Section Inspection - 02/08/2022 - RWP 7X

Item No. 39	Insp. No. 17	Date 02/08/22	Time 12:43	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWP 7X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP 7
Road:	Calder Park	Inspected Length:	1.04 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.04 m	Downstream Node:	S36
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: S36	00:00:02		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
		0.02	SC	Pipe size changes, new size(s), 150mm high	00:00:11		
		1.04	BRF	Finish node, major connection without manhole, reference: RWP 7	00:00:37		

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	0.0	0	0.0	0.0	0.0	0.0

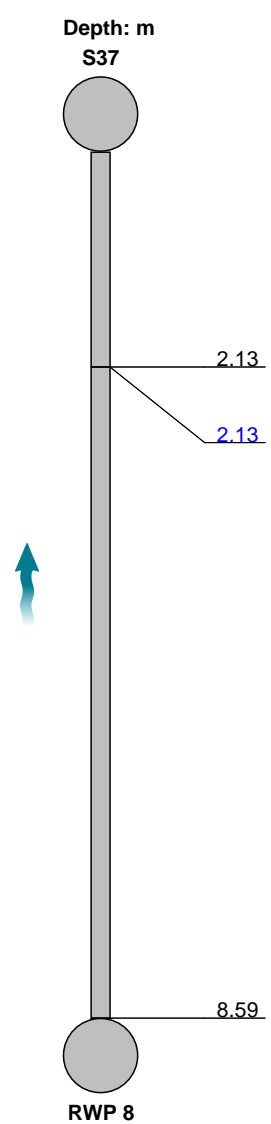
Section Inspection - 02/08/2022 - RWP 8X

Item No. 40	Insp. No. 13	Date 02/08/22	Time 10:58	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWP 8X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP 8
Road:	Calder Park	Inspected Length:	8.59 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.59 m	Downstream Node:	S37
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:75	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m S37 							
		2.13	MH	Start node, manhole, reference: S37	00:00:01		
		2.13	WL	Water level, 0% of the vertical dimension: ACTIVE LINE	00:00:03		
		8.59	BRF	Finish node, major connection without manhole, reference: RWP 8	00:00:39		
RWP 8 Depth: m							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

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

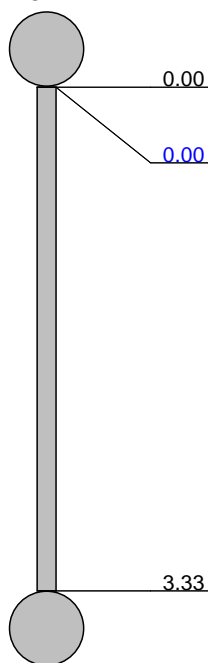
Section Inspection - 02/08/2022 - G7X

Item No. 41	Insp. No. 6	Date 02/08/22	Time 8:50	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G7X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G7
Road:	Calder Park	Inspected Length:	3.33 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.33 m	Downstream Node:	S24
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div>Depth: m</div><div>S24</div><div></div><div>G7</div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S24</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>3.33</td><td>GYF</td><td>Finish node, gully, reference: G7</td><td>00:00:25</td></tr></table></div>								0.00	MH	Start node, manhole, reference: S24	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	3.33	GYF	Finish node, gully, reference: G7	00:00:25
0.00	MH	Start node, manhole, reference: S24	00:00:02																
0.00	WL	Water level, 0% of the vertical dimension	00:00:03																
3.33	GYF	Finish node, gully, reference: G7	00:00:25																

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	0.0	0	0.0	0.0	0.0	0.0

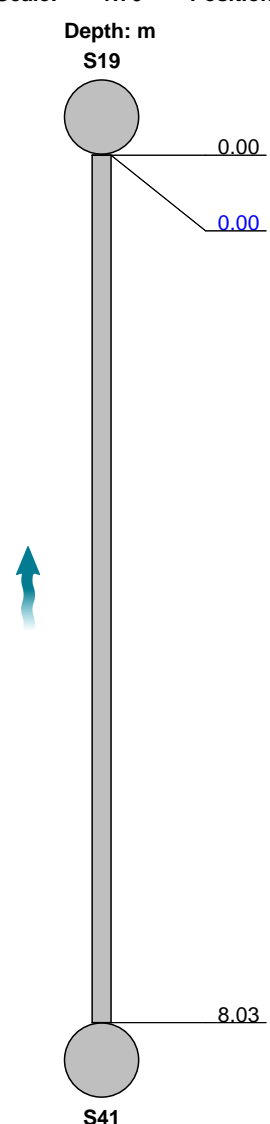
Section Inspection - 02/08/2022 - S41X

Item No. 42	Insp. No. 18	Date 02/08/22	Time 13:11	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S41X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S41
Road:	Calder Park	Inspected Length:	8.03 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.03 m	Downstream Node:	S19
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:70	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div><div><div>Depth: m</div><div>S19</div><div></div></div><div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S19</td><td>00:00:00</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:01</td></tr><tr><td>8.03</td><td>BRF</td><td>Finish node, major connection without manhole, reference: S41</td><td>00:00:29</td></tr></table></div></div></div></div>								0.00	MH	Start node, manhole, reference: S19	00:00:00	0.00	WL	Water level, 0% of the vertical dimension	00:00:01	8.03	BRF	Finish node, major connection without manhole, reference: S41	00:00:29
0.00	MH	Start node, manhole, reference: S19	00:00:00																
0.00	WL	Water level, 0% of the vertical dimension	00:00:01																
8.03	BRF	Finish node, major connection without manhole, reference: S41	00:00:29																

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	0.0	0	0.0	0.0	0.0	0.0

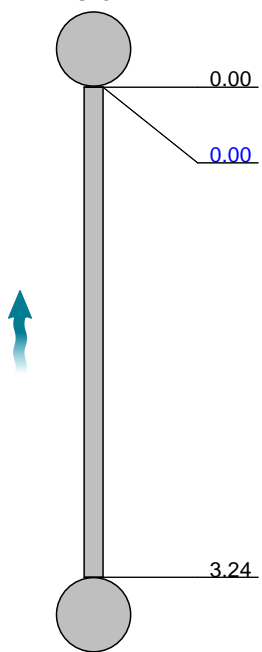
Section Inspection - 02/08/2022 - ACO 8X

Item No. 43	Insp. No. 9	Date 02/08/22	Time 10:13	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ACO 8X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	ACO 8
Road:	Calder Park	Inspected Length:	3.24 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.24 m	Downstream Node:	S25
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
<div><div><div>Depth: m</div><div>S25</div><div></div><div>ACO 8</div><div>Depth: m</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S25</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>3.24</td><td>GYF</td><td>Finish node, gully, reference: ACO 8</td><td>00:00:22</td></tr></table></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: S25	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	3.24	GYF	Finish node, gully, reference: ACO 8	00:00:22
Position [m]	Code	Observation	MPEG																				
0.00	MH	Start node, manhole, reference: S25	00:00:02																				
0.00	WL	Water level, 0% of the vertical dimension	00:00:03																				
3.24	GYF	Finish node, gully, reference: ACO 8	00:00:22																				

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

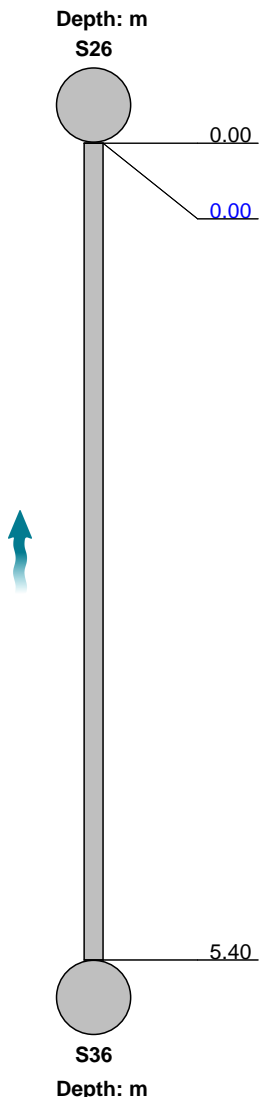
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 03/08/2022 - S36X

Item No. 44	Insp. No. 23	Date 03/08/22	Time 8:59	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S36X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S36
Road:	Calder Park	Inspected Length:	5.40 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.40 m	Downstream Node:	S26
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div><div>Depth: m</div><div>S26</div><div></div><div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S26</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:02</td></tr><tr><td>5.40</td><td>MHF</td><td>Finish node, manhole, reference: S36</td><td>00:00:31</td></tr></table></div></div><div><div>Depth: m</div><div>S36</div></div></div></div>								0.00	MH	Start node, manhole, reference: S26	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:02	5.40	MHF	Finish node, manhole, reference: S36	00:00:31
0.00	MH	Start node, manhole, reference: S26	00:00:02																
0.00	WL	Water level, 0% of the vertical dimension	00:00:02																
5.40	MHF	Finish node, manhole, reference: S36	00:00:31																

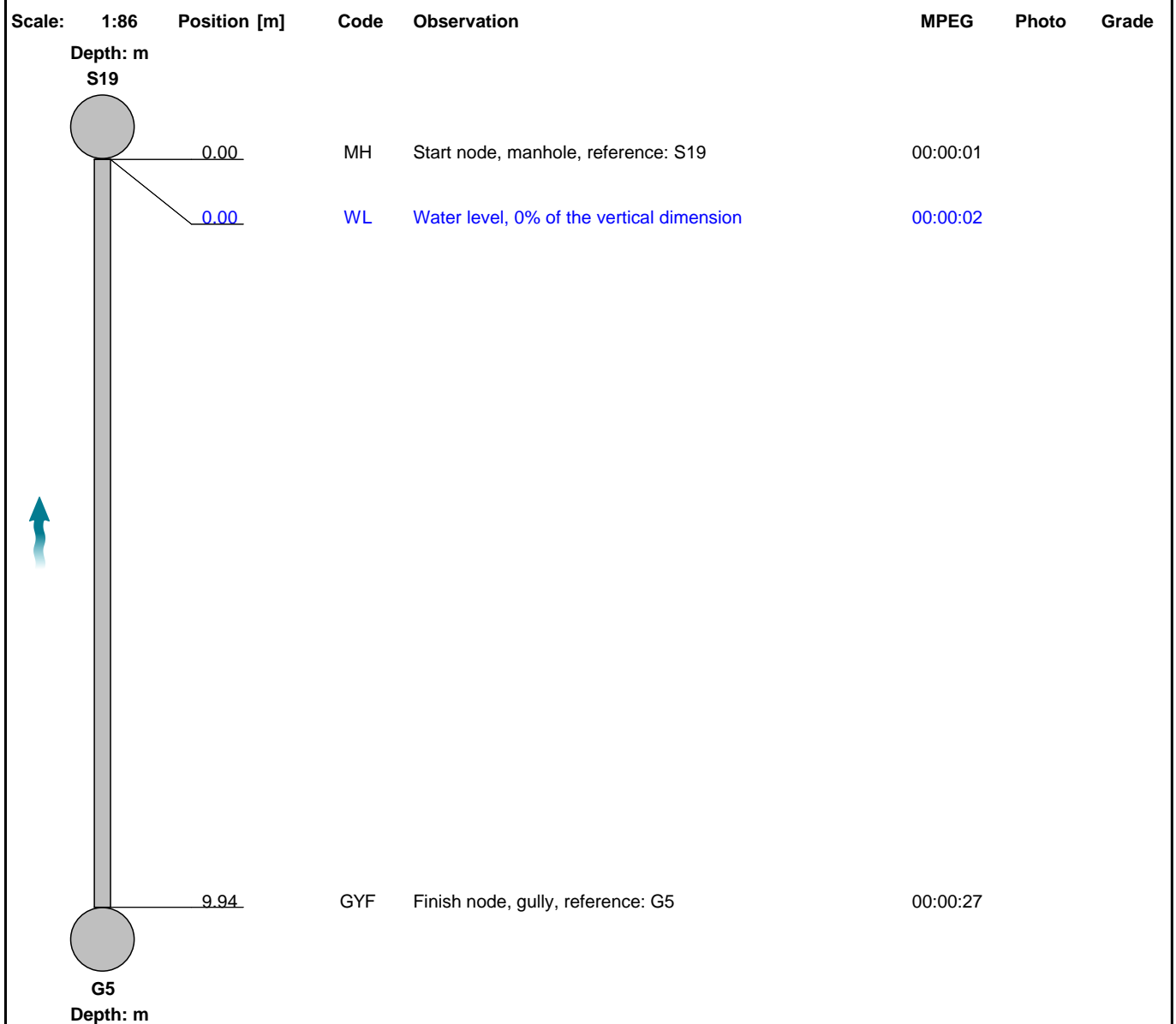
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - G5X

Item No. 45	Insp. No. 21	Date 02/08/22	Time 13:17	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G5X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G5
Road:	Calder Park	Inspected Length:	9.94 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	9.94 m	Downstream Node:	S19
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



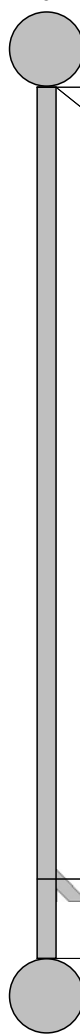
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/08/2022 - SVP9X

Item No. 46	Insp. No. 2	Date 01/08/22	Time 13:49	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP9X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	SVP9
Road:	Calder Park	Inspected Length:	14.18 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	14.18 m	Downstream Node:	F6B
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:123	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>F6B</div><div></div><div><div>0.00</div><div>IC</div><div>Start node, inspection chamber, reference: F6B</div><div>00:00:01</div></div><div><div>0.00</div><div>WL</div><div>Water level, 0% of the vertical dimension</div><div>00:00:02</div></div><div><div>12.88</div><div>JN</div><div>Junction at 9 o'clock, 100mm dia</div><div>00:00:54</div></div><div><div>14.18</div><div>BRF</div><div>Finish node, major connection without manhole, reference: SVP9</div><div>00:01:05</div></div></div><div><div>SVP9</div><div>Depth: m</div></div></div>							

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	0.0	0	0.0	0.0	0.0	0.0

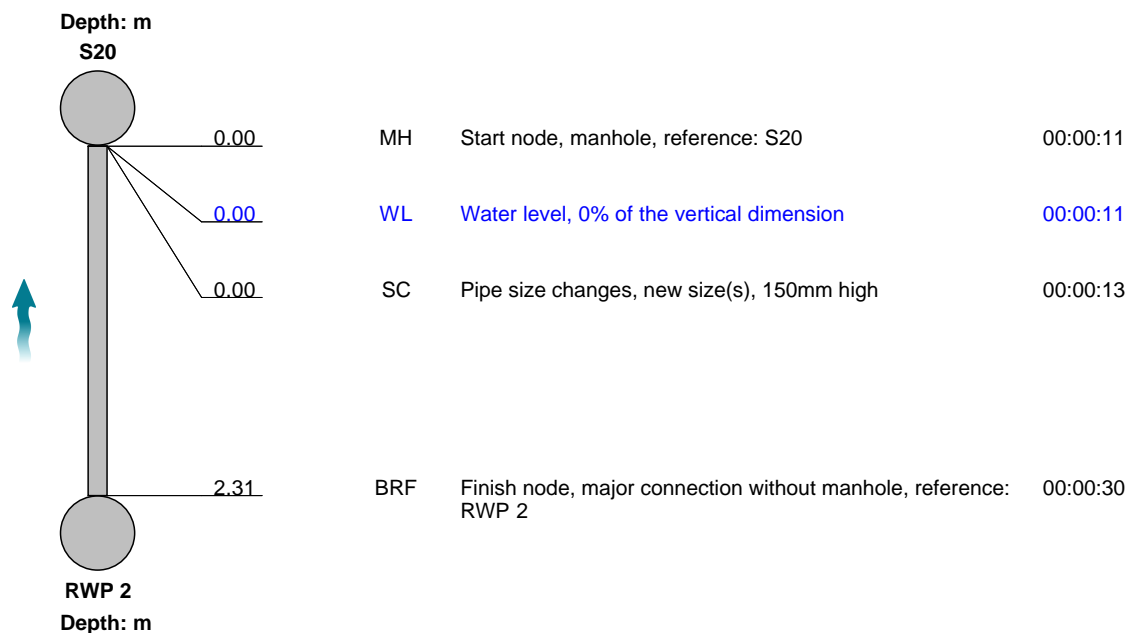
Section Inspection - 02/08/2022 - RWP 2X

Item No. 47	Insp. No. 11	Date 02/08/22	Time 10:43	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWP 2X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP 2
Road:	Calder Park	Inspected Length:	2.31 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.31 m	Downstream Node:	S20
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

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


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	0.0	0	0.0	0.0	0.0	0.0

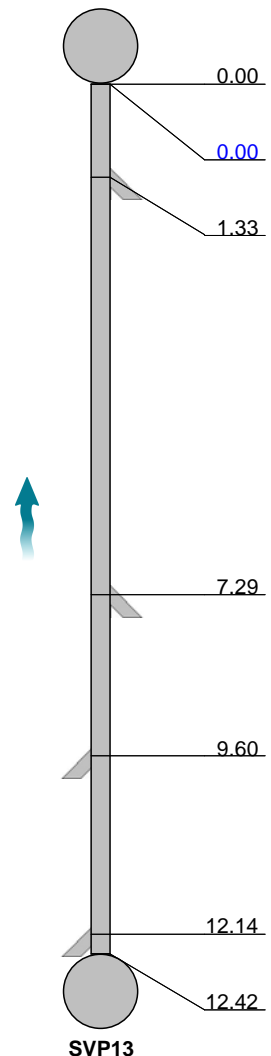
Section Inspection - 01/08/2022 - SVP13X

Item No. 48	Insp. No. 4	Date 01/08/22	Time 13:56	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP13X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	SVP13
Road:	Calder Park	Inspected Length:	12.42 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	12.42 m	Downstream Node:	F7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:108	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F7						
						
	0.00	IC	Start node, inspection chamber, reference: F7	00:00:01		
	0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
	1.33	JN	Junction at 9 o'clock, 150mm dia	00:00:09		
	7.29	JN	Junction at 10 o'clock, 100mm dia	00:00:27		
	9.60	JN	Junction at 3 o'clock, 150mm dia	00:00:33		
	12.14	JN	Junction at 3 o'clock, 100mm dia	00:00:46		
	12.42	BRF	Finish node, major connection without manhole, reference: SVP13	00:00:54		
SVP13 Depth: m						

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

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

Section Inspection - 02/08/2022 - RWP5X

Item No. 49	Insp. No. 7	Date 02/08/22	Time 8:56	Client's Job Ref CALDER PARK	Weather Rain	Pre Cleaned Yes	PLR RWP5X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP5
Road:	Calder Park	Inspected Length:	3.27 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.27 m	Downstream Node:	S23
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:1:50

Position [m]

Code

Observation

MPEG

Photo

Grade

Depth: m

S23

Section Inspection - 02/08/2022 - G2X

Item No. 50	Insp. No. 15	Date 02/08/22	Time 11:07	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G2X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G2
Road:	Calder Park	Inspected Length:	2.88 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.88 m	Downstream Node:	S37
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

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

Depth: m

S37



0.00

MH

Start node, manhole, reference: S37

00:00:01

0.00

WL

Water level, 0% of the vertical dimension

00:00:01

2.88

GYF

Finish node, gully, reference: G2

00:00:15

G2

Depth: m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

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

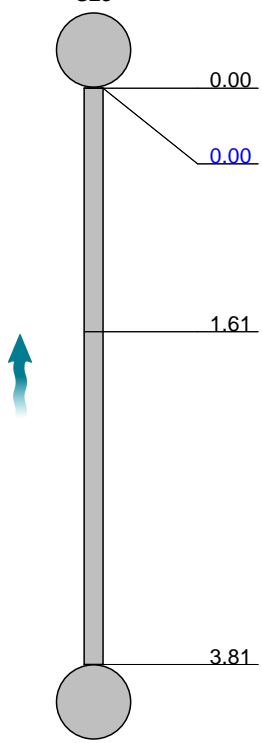
Section Inspection - 02/08/2022 - RWP4X

Item No. 51	Insp. No. 8	Date 02/08/22	Time 9:00	Client's Job Ref CALDER PARK	Weather Rain	Pre Cleaned Yes	PLR RWP4X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	RWP4
Road:	Calder Park	Inspected Length:	3.81 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.81 m	Downstream Node:	S23
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																				
<div><div><div>Depth: m</div><div>S23</div><div></div><div>RWP4</div><div>Depth: m</div></div><table><tr><th>Position [m]</th><th>Code</th><th>Observation</th><th>MPEG</th></tr><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S23</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:04</td></tr><tr><td>1.61</td><td>SC</td><td>Pipe size changes, new size(s), 150mm high</td><td>00:00:17</td></tr><tr><td>3.81</td><td>BRF</td><td>Finish node, major connection without manhole, reference: RWP4</td><td>00:00:50</td></tr></table></div>								Position [m]	Code	Observation	MPEG	0.00	MH	Start node, manhole, reference: S23	00:00:02	0.00	WL	Water level, 5% of the vertical dimension	00:00:04	1.61	SC	Pipe size changes, new size(s), 150mm high	00:00:17	3.81	BRF	Finish node, major connection without manhole, reference: RWP4	00:00:50
Position [m]	Code	Observation	MPEG																								
0.00	MH	Start node, manhole, reference: S23	00:00:02																								
0.00	WL	Water level, 5% of the vertical dimension	00:00:04																								
1.61	SC	Pipe size changes, new size(s), 150mm high	00:00:17																								
3.81	BRF	Finish node, major connection without manhole, reference: RWP4	00:00:50																								

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	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 02/08/2022 - G1X

Item No. 52	Insp. No. 14	Date 02/08/22	Time 11:03	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR G1X
Operator AR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	G1
Road:	Calder Park	Inspected Length:	6.19 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	6.19 m	Downstream Node:	S37
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:54	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m S37							
		0.00	MH	Start node, manhole, reference: S37	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:02		
		3.78	D	Deformed sewer or drain, 10%	00:00:30		
		4.96	MCMX	Pipe material changes to a mixed material at this point: POLYPROPELENE	00:01:02		
		6.19	GYF	Finish node, gully, reference: G1	00:01:11		
G1 Depth: m							

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

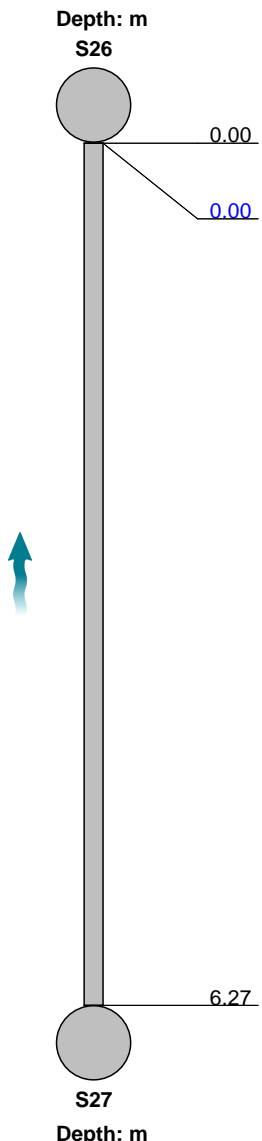
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 03/08/2022 - S27X

Item No. 53	Insp. No. 22	Date 03/08/22	Time 8:49	Client's Job Ref CALDER PARK	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S27X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Wakefield	Inspection Direction:	Upstream	Upstream Node:	S27
Road:	Calder Park	Inspected Length:	6.27 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	6.27 m	Downstream Node:	S26
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	2022	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:55	Position [m]	Code	Observation	MPEG	Photo	Grade												
<div><div><div>Depth: m</div><div>S26</div><div></div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: S26</td><td>00:00:02</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 0% of the vertical dimension</td><td>00:00:03</td></tr><tr><td>6.27</td><td>MHF</td><td>Finish node, manhole, reference: S27</td><td>00:00:31</td></tr></table></div>								0.00	MH	Start node, manhole, reference: S26	00:00:02	0.00	WL	Water level, 0% of the vertical dimension	00:00:03	6.27	MHF	Finish node, manhole, reference: S27	00:00:31
0.00	MH	Start node, manhole, reference: S26	00:00:02																
0.00	WL	Water level, 0% of the vertical dimension	00:00:03																
6.27	MHF	Finish node, manhole, reference: S27	00:00:31																

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	0.0	0	0.0	0.0	0.0	0.0