



Project

Project Name: Shannon Valley Foul Water 10-11-25
Project Description: CCTV Survey
Project Number: CES 11659
Project Status: Complete
Project Date: 10/11/2025
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)





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Project Number: CES 11659
Project Date: 10/11/2025

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Project Information

Project Name	Project Number	Project Date
Shannon Valley Foul Water 10-11-25	CES 11659	10/11/2025

Client

Company: Kilkelly GE Consultants
Description: Geomatics Surveying
Contact: Dave McDonnell
Department: Director
Street: Thomas Street
Town or City: Castlebar
County: Mayo
Post Code: F23H978
Phone: 094 - 901 013
Mobile: 085 - 250 2232
Email: dave@kgss.ie



Manager

Company: Shannon Valley
Description: Housing Development
Contact: Dave McDonnell
Department: Director
Street: Shannon Valley
Town or City: Ballaghaferreen
County: Roscommon
Post Code: F45NY68
Phone: 094 - 901 013
Mobile: 085 - 250 2232
Email: dave@kgss.ie



Contractor

Company: CES Environmental Services Ltd.
Description: CCTV Survey
Contact: Kieran Murphy
Department: CCTV & Rehabilitation
Street: Tracklands Business Park
Town or City: Clonroad More, Ennis
County: Clare
Post Code: V95A598
Phone: 065 - 6866850
Mobile: 085 - 2521556
Email: kmurphy@cesenvironmental.ie





Project Information

Project Name	Project Number	Project Date
Shannon Valley Foul Water 10-11-25	CES 11659	10/11/2025

Project Drawing, Page 'Shannon Valley Foul 10112025'





Scoring Summary

Project Name
Shannon Valley Foul Water 10-11-25

Project Number
CES 11659

Project Date
10/11/2025

Structural Defects

Item No.	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

- Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.
- Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.
- Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Item No.	PLR	Grade	Description
1	F1.1X	3	Multiple defects
2	F1X	3	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss
9	F7X	5	Other obstacles, through connection or junction at 12 o'clock, 30% cross-sectional area loss

Abandoned Surveys

Item No.	PLR	Description
1	F1.1X	Survey abandoned
8	F7.1X	Survey abandoned
8	F7.1X	Survey abandoned
9	F7X	Survey abandoned
9	F7X	Survey abandoned

Information

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



Section Profile

Project Name Shannon Valley Foul Water 10-11-25	Project Number CES 11659	Project Date 10/11/2025
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Circular, 150 mm, 0 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
2	F1	F1.1	11/11/2025	Shannon Valley	Polyvinyl chloride	55.20 m	55.20 m
3	F2	F1	10/11/2025	Shannon Valley	Polyvinyl chloride	70.07 m	70.07 m
4	F3	F2	10/11/2025	Shannon Valley	Polyvinyl chloride	58.11 m	58.11 m
5	F4	F2	11/11/2025	Shannon Valley	Polyvinyl chloride	42.65 m	42.65 m
6	F6	F1	11/11/2025	Shannon Valley	Polyvinyl chloride	77.70 m	77.70 m
7	F5	F6	11/11/2025	SHANNON VALLEY	Polyvinyl chloride	19.51 m	19.51 m

Total: 6 Inspections x Circular 150 mm, 0 mm = 323.23 m Total Length and 323.23 m Inspected Length

Total: 6 Inspections = 323.23 m Total Length and 323.23 m Inspected Length



Project Summary

Project Name Shannon Valley Foul Water 10-11-25	Project Number CES 11659	Project Date 10/11/2025
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Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	F1.1	WWTP	DS	Dtr	11/11/2025	9:59	1	3	SA, CUW (HIGH WATER LEVEL AT PUMP STATION)	51.51 m
2	1	F1	F1.1	DS	Dtr	11/11/2025	9:50	1	3	MHF	55.20 m
3	1	F2	F1	DS	Dtr	10/11/2025	12:49	1	2	MHF	70.07 m
4	1	F3	F2	US	Dtr	10/11/2025	12:27	1	2	MHF, START OF LINE	58.11 m
5	1	F4	F2	DS	Dtr	11/11/2025	13:03	1	2	MHF	42.65 m
6	1	F6	F1	DS	Dtr	11/11/2025	12:08	1	1	MHF	77.70 m
7	1	F5	F6	DS	Dtr	11/11/2025	0:00	1	1	MHF	19.51 m
8	1	F7.1	F5	DS	Dtr	11/11/2025	0:00	1	2	SA, OUT OF CABLE	47.11 m
9	1	F7	F7.1	US	Dtr	11/11/2025	0:00	1	1	SA, ROD IN LINE OVERLAP	37.48 m
9	2	F7	F7.1	DS	Dtr	11/11/2025	13:59	1	5	SA, UNABLE TO PASS ROD IN LINE	18.48 m
Total:											477.80 m

Defect Summary

				CCTV Drainage Survey Observation Count																					
				General				Structural Condition							Service Condition					Misc					
Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates	
1	1	F1.1	WWTP	51.5		1	1				2					1					4		4	1	
2	1	F1	F1.1	55.2																		1		3	
3	1	F2	F1	70.1							2												4		
4	1	F3	F2	58.1							5												1		
5	1	F4	F2	42.7							2												2		
6	1	F6	F1	77.7																			6		
7	1	F5	F6	19.5																			2		
8	1	F7.1	F5	47.1		1					1												3		
9	1	F7	F7.1	37.5		1																	1		
9	2	F7	F7.1	18.5	1	1					1											1		2	



Project Summary

Project Name Shannon Valley Foul Water 10-11-25	Project Number CES 11659	Project Date 10/11/2025
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Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
Total:				477.8	1	4	1														5	1	28	1



Section Inspection - 11/11/2025 - F1.1X

Item No. 1	Insp. No. 1	Date 11/11/25	Time 9:59	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F1.1X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.00 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F1.1
Road:	Shannon Valley	Inspected Length:	51.51 m	Upstream Pipe Depth:	875.000 m
Location:	Road	Total Length:	51.51 m	Downstream Node:	WWTP
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	0.000 m
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	150 mm
Type of Pipe:	Gravity drain/sewer	Material:	Polyvinyl chloride	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	2008				
Inspection Purpose:	Routine inspection				

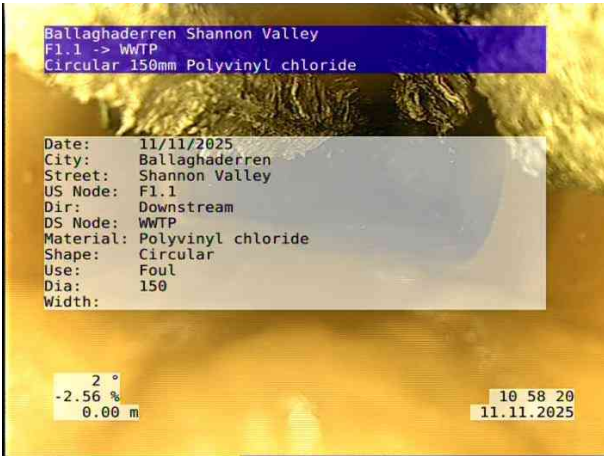
Comments:
Recommendations:

Scale: 1:446	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 875.00 m						
	F1.1 0.00	MH	Start node, manhole, reference: F1.1	00:00:00	1	
	0.00	WL	Water level, 10% of the vertical dimension	00:00:07		
	0.09	S01 DEG	Attached deposits, grease from 10 o'clock to 2 o'clock, 15% cross-sectional area loss, start	00:00:10	2	
	0.20	LR	Line deviates right	00:00:17		
	3.37	F01 DEG	Attached deposits, grease from 10 o'clock to 2 o'clock, 15% cross-sectional area loss, finish	00:00:37	3	3
	5.74	D	Deformed sewer or drain, 5%	00:01:09	4	1 / 2
	6.32	D	Deformed sewer or drain, 5%	00:01:28	5	1 / 2
	7.55	DEG	Attached deposits, grease at 12 o'clock, 5% cross-sectional area loss	00:01:40	6	3
	11.97	DEG	Attached deposits, grease at 12 o'clock, 5% cross-sectional area loss	00:02:08	7	3
	29.97	OJ	Open joint, 35mm displacement, 1 - 1.5 x pipe wall thickness	00:03:58	8	1
	48.29	WL	Water level, 35% of the vertical dimension	00:05:42		
	49.63	WL	Water level, 50% of the vertical dimension	00:05:54		
	50.58	WL	Water level, 60% of the vertical dimension	00:06:06		
	51.42	CUW	Loss of vision, camera under water	00:06:46		
	51.51	SA	Survey abandoned: CUW (HIGH WATER LEVEL AT PUMP STATION)	00:07:01	9	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
3	1.0	0.0	1.0	1.0	5	4.0	0.5	26.0	3.0

Section Pictures - 11/11/2025 - F1.1X

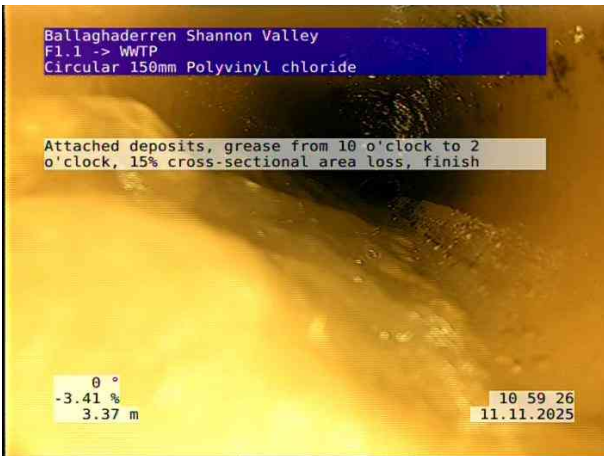
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	F1.1X	Ballaghaderreen	Kilkelly GE



1, 00:00:00, 0.00 m
 Start node, manhole, reference: F1.1



2, 00:00:10, 0.09 m
 Attached deposits, grease from 10 o'clock to 2 o'clock, 15% cross-sectional area loss, start



3, 00:00:37, 3.37 m
 Attached deposits, grease from 10 o'clock to 2 o'clock, 15% cross-sectional area loss, finish



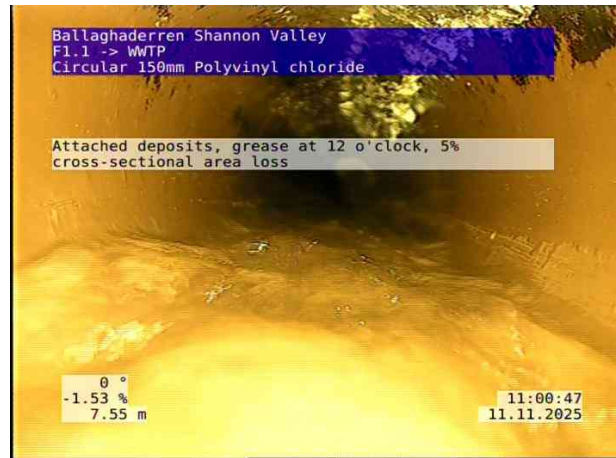
4, 00:01:09, 5.74 m
 Deformed sewer or drain, 5%

Section Pictures - 11/11/2025 - F1.1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	F1.1X	Ballaghaderreen	Kilkelly GE



5, 00:01:28, 6.32 m
 Deformed sewer or drain, 5%



6, 00:01:40, 7.55 m
 Attached deposits, grease at 12 o'clock, 5% cross-sectional area loss



7, 00:02:08, 11.97 m
 Attached deposits, grease at 12 o'clock, 5% cross-sectional area loss



8, 00:03:58, 29.97 m
 Open joint, 35mm displacement, 1 - 1.5 x pipe wall thickness



Section Pictures - 11/11/2025 - F1.1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	F1.1X	Ballaghaderreen	Kilkelly GE



9, 00:07:01, 51.51 m
Survey abandoned, CUW (HIGH WATER LEVEL AT PUMP STATION)



Section Inspection - 11/11/2025 - F1X

Item No. 2	Insp. No. 1	Date 11/11/25	Time 9:50	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F1X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.70 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F1
Road:	Shannon Valley	Inspected Length:	55.20 m	Upstream Pipe Depth:	1982.000 m
Location:	Road	Total Length:	55.20 m	Downstream Node:	F1.1
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	875.000 m
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	150 mm
Type of Pipe:	Gravity drain/sewer	Material:	Polyvinyl chloride	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	2008				
Inspection Purpose:	Routine inspection				

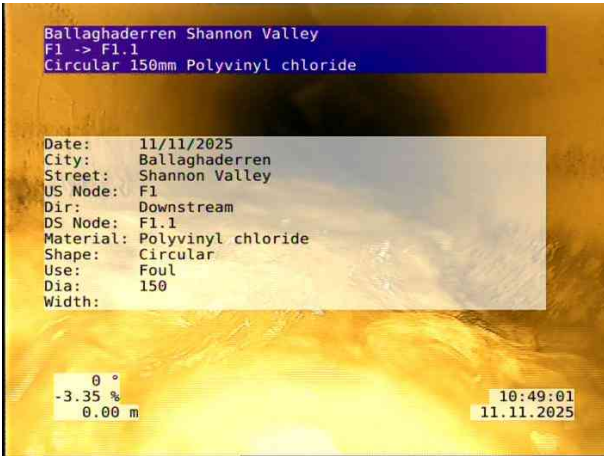
Comments:
Recommendations:

Scale: 1:478	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																		
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> </div> <table border="1" style="margin-left: 10px;"> <tr> <td>0.00</td> <td>MH</td> <td>Start node, manhole, reference: F1</td> <td>00:00:00</td> <td>1</td> <td></td> </tr> <tr> <td>0.00</td> <td>WL</td> <td>Water level, 10% of the vertical dimension</td> <td>00:00:07</td> <td></td> <td></td> </tr> <tr> <td>20.08</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:02:00</td> <td></td> <td></td> </tr> <tr> <td>26.97</td> <td>JN</td> <td>Junction at 12 o'clock, 100mm dia</td> <td>00:02:43</td> <td>2</td> <td></td> </tr> <tr> <td>27.14</td> <td>JN</td> <td>Junction at 12 o'clock, 100mm dia</td> <td>00:02:56</td> <td>3</td> <td></td> </tr> <tr> <td>27.18</td> <td>JN</td> <td>Junction at 12 o'clock, 100mm dia</td> <td>00:03:02</td> <td>4</td> <td></td> </tr> <tr> <td>43.62</td> <td>WL</td> <td>Water level, 50% of the vertical dimension</td> <td>00:04:36</td> <td></td> <td></td> </tr> <tr> <td>45.17</td> <td>JN</td> <td>Junction at 12 o'clock, 100mm dia</td> <td>00:04:53</td> <td>5</td> <td></td> </tr> <tr> <td>45.34</td> <td>JN</td> <td>Junction at 12 o'clock, 100mm dia</td> <td>00:05:06</td> <td>6</td> <td></td> </tr> <tr> <td>46.75</td> <td>DEG</td> <td>Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss</td> <td>00:05:21</td> <td>7</td> <td>3</td> </tr> <tr> <td>55.20</td> <td>MHF</td> <td>Finish node, manhole, reference: F1.1</td> <td>00:06:09</td> <td>8</td> <td></td> </tr> </table> </div>							0.00	MH	Start node, manhole, reference: F1	00:00:00	1		0.00	WL	Water level, 10% of the vertical dimension	00:00:07			20.08	WL	Water level, 20% of the vertical dimension	00:02:00			26.97	JN	Junction at 12 o'clock, 100mm dia	00:02:43	2		27.14	JN	Junction at 12 o'clock, 100mm dia	00:02:56	3		27.18	JN	Junction at 12 o'clock, 100mm dia	00:03:02	4		43.62	WL	Water level, 50% of the vertical dimension	00:04:36			45.17	JN	Junction at 12 o'clock, 100mm dia	00:04:53	5		45.34	JN	Junction at 12 o'clock, 100mm dia	00:05:06	6		46.75	DEG	Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss	00:05:21	7	3	55.20	MHF	Finish node, manhole, reference: F1.1	00:06:09	8	
0.00	MH	Start node, manhole, reference: F1	00:00:00	1																																																																				
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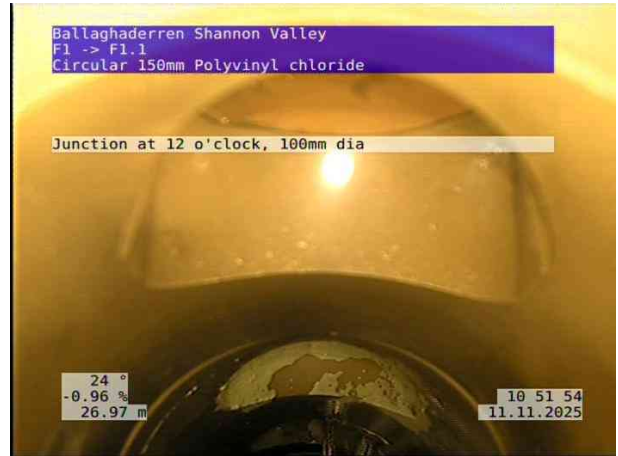
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	4.0	0.1	4.0	3.0

Section Pictures - 11/11/2025 - F1X

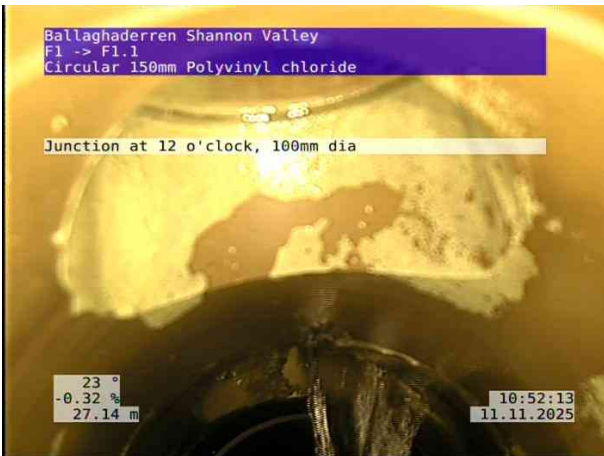
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	F1X	Ballaghaderreen	Kilkelly GE



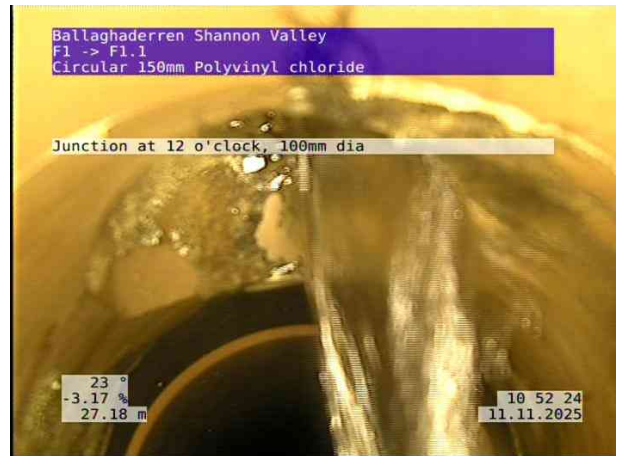
1, 00:00:00, 0.00 m
 Start node, manhole, reference: F1



2, 00:02:43, 26.97 m
 Junction at 12 o'clock, 100mm dia



3, 00:02:56, 27.14 m
 Junction at 12 o'clock, 100mm dia



4, 00:03:02, 27.18 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	F1X	Ballaghaderreen	Kilkelly GE



5, 00:04:53, 45.17 m
 Junction at 12 o'clock, 100mm dia



6, 00:05:06, 45.34 m
 Junction at 12 o'clock, 100mm dia



7, 00:05:21, 46.75 m
 Attached deposits, grease from 10 o'clock to 2 o'clock, 5% cross-sectional area loss



8, 00:06:09, 55.20 m
 Finish node, manhole, reference: F1.1



Section Inspection - 10/11/2025 - F2X

Item No. 3	Insp. No. 1	Date 10/11/25	Time 12:49	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F2X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.70 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F2
Road:	Shannon Valley	Inspected Length:	70.07 m	Upstream Pipe Depth:	1970.000 m
Location:	Road	Total Length:	70.07 m	Downstream Node:	F1
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1982.000 m
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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:598	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1970.00 m						
	0.00	MH	Start node, manhole, reference: F2	00:00:00	1	
	0.00	WL	Water level, 5% of the vertical dimension	00:00:07		
	0.45	D	Deformed sewer or drain, 5%	00:00:16	2	1 / 2
	5.31	JN	Junction at 12 o'clock, 100mm dia	00:00:58	3	
	5.49	JN	Junction at 12 o'clock, 100mm dia	00:01:12	4	
	27.18	WL	Water level, 10% of the vertical dimension	00:03:26		
	27.53	JN	Junction at 12 o'clock, 100mm dia	00:03:44	5	
	27.71	JN	Junction at 12 o'clock, 100mm dia	00:04:01	6	
	27.90	JN	Junction at 12 o'clock, 100mm dia	00:04:10	7	
	33.40	D	Deformed sewer or drain, 5%	00:04:48	8	1 / 2
	45.18	WL	Water level, 5% of the vertical dimension	00:06:02		
	50.74	CN	Connection other than junction at 12 o'clock, 100mm dia	00:06:42	9	
	50.91	CN	Connection other than junction at 12 o'clock, 100mm dia	00:06:57	10	
	51.17	CN	Connection other than junction at 12 o'clock, 100mm dia	00:07:11	11	
	68.05	WL	Water level, 10% of the vertical dimension	00:08:50		



Section Inspection - 10/11/2025 - F2X

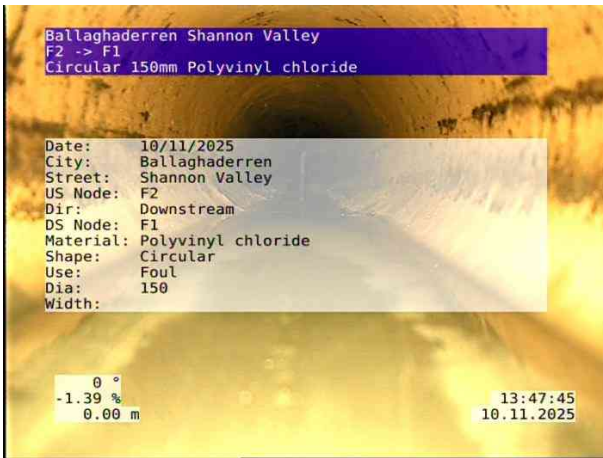
Item No. 3	Insp. No. 1	Date 10/11/25	Time 12:49	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F2X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.70 m	Legal Status Public Sewer	Alternative ID Not Specified

Scale:	Position [m]	Code	Observation	MPEG	Photo	Grade
1:598	70.07	MHF	Finish node, manhole, reference: F1	00:09:15	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
2	0.0	0.0	0.0	1.0	2	1.0	0.0	2.0	2.0

Section Pictures - 10/11/2025 - F2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	F2X	Ballaghaderreen	Kilkelly GE



1, 00:00:00, 0.00 m
 Start node, manhole, reference: F2



2, 00:00:16, 0.45 m
 Deformed sewer or drain, 5%



3, 00:00:58, 5.31 m
 Junction at 12 o'clock, 100mm dia



4, 00:01:12, 5.49 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 10/11/2025 - F2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	F2X	Ballaghaderreen	Kilkelly GE



5, 00:03:44, 27.53 m
 Junction at 12 o'clock, 100mm dia



6, 00:04:01, 27.71 m
 Junction at 12 o'clock, 100mm dia



7, 00:04:10, 27.90 m
 Junction at 12 o'clock, 100mm dia



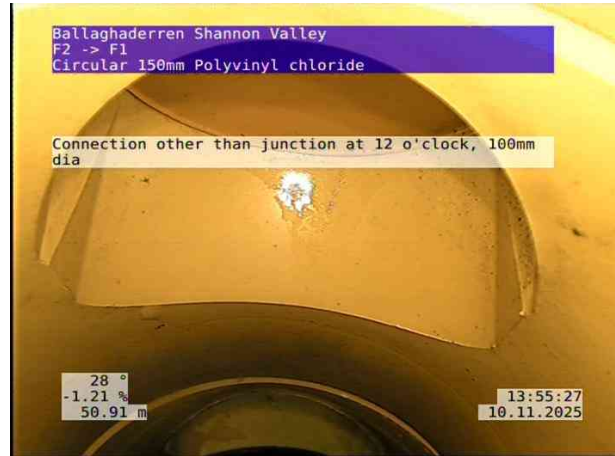
8, 00:04:48, 33.40 m
 Deformed sewer or drain, 5%

Section Pictures - 10/11/2025 - F2X

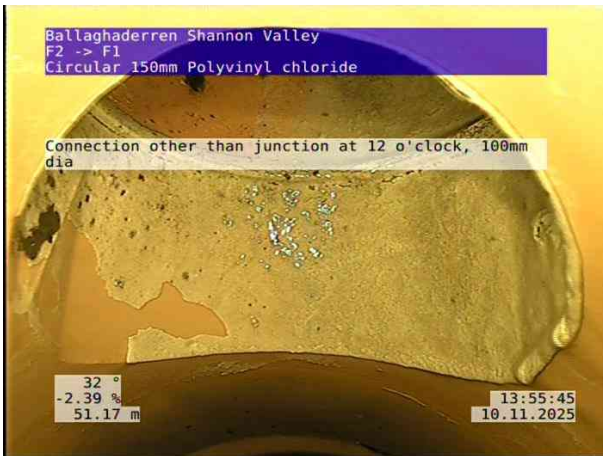
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	F2X	Ballaghaderreen	Kilkelly GE



9, 00:06:42, 50.74 m
 Connection other than junction at 12 o'clock, 100mm dia



10, 00:06:57, 50.91 m
 Connection other than junction at 12 o'clock, 100mm dia



11, 00:07:11, 51.17 m
 Connection other than junction at 12 o'clock, 100mm dia



12, 00:09:15, 70.07 m
 Finish node, manhole, reference: F1



Section Inspection - 10/11/2025 - F3X

Item No. 4	Insp. No. 1	Date 10/11/25	Time 12:27	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F3X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.70 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Ballaghaderreen	Inspection Direction:	Upstream	Upstream Node:	F3
Road:	Shannon Valley	Inspected Length:	58.11 m	Upstream Pipe Depth:	1845.000 m
Location:	Road	Total Length:	58.11 m	Downstream Node:	F2
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1970.000 m
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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

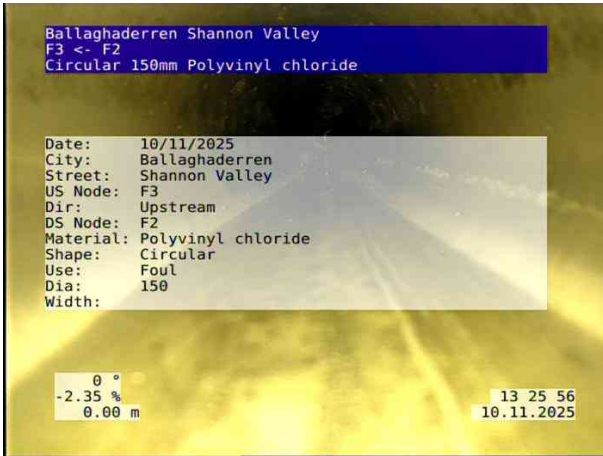
Comments:
Recommendations:

Scale: 1:504	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1970.00 m						
	0.00	MH	Start node, manhole, reference: F2	00:00:00	1	
	0.00	WL	Water level, 5% of the vertical dimension	00:00:15		
	3.86	D	Deformed sewer or drain, 5%	00:00:41	2	1 / 2
	7.38	JN	Junction at 12 o'clock, 100mm dia	00:01:17	3	
	7.62	JN	Junction at 12 o'clock, 100mm dia	00:01:33	4	
	8.61	D	Deformed sewer or drain, 5%	00:01:45	5	1 / 2
	17.19	D	Deformed sewer or drain, 5%	00:02:35	6	1 / 2
	23.91	JN	Junction at 12 o'clock, 100mm dia	00:03:24	7	
	24.14	JN	Junction at 12 o'clock, 100mm dia	00:03:41	8	
	34.83	D	Deformed sewer or drain, 5%	00:04:44	9	1 / 2
	40.94	JN	Junction at 12 o'clock, 100mm dia	00:05:27	10	
	41.18	JN	Junction at 12 o'clock, 100mm dia	00:05:42	11	
	51.00	D	Deformed sewer or drain, 5%	00:06:52	12	1 / 2
	57.06	JN	Junction at 12 o'clock, 100mm dia	00:07:48	13	
Depth: 1845.00 m	58.11	MHF	Finish node, manhole, reference: F3: START OF LINE	00:08:01	14	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
5	0.0	0.0	0.0	1.0	5	1.0	0.1	5.0	2.0

Section Pictures - 10/11/2025 - F3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	F3X	Ballaghaderreen	Kilkelly GE



1, 00:00:00, 0.00 m
 Start node, manhole, reference: F2



2, 00:00:41, 3.86 m
 Deformed sewer or drain, 5%



3, 00:01:17, 7.38 m
 Junction at 12 o'clock, 100mm dia



4, 00:01:33, 7.62 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 10/11/2025 - F3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	F3X	Ballaghaderreen	Kilkelly GE



5, 00:01:45, 8.61 m
 Deformed sewer or drain, 5%



6, 00:02:35, 17.19 m
 Deformed sewer or drain, 5%



7, 00:03:24, 23.91 m
 Junction at 12 o'clock, 100mm dia



8, 00:03:41, 24.14 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 10/11/2025 - F3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	F3X	Ballaghaderreen	Kilkelly GE



9, 00:04:44, 34.83 m
 Deformed sewer or drain, 5%



10, 00:05:27, 40.94 m
 Junction at 12 o'clock, 100mm dia



11, 00:05:42, 41.18 m
 Junction at 12 o'clock, 100mm dia



12, 00:06:52, 51.00 m
 Deformed sewer or drain, 5%

Section Pictures - 10/11/2025 - F3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	F3X	Ballaghaderreen	Kilkelly GE



13, 00:07:48, 57.06 m
 Junction at 12 o'clock, 100mm dia



14, 00:08:01, 58.11 m
 Finish node, manhole, reference: F3, START OF LINE

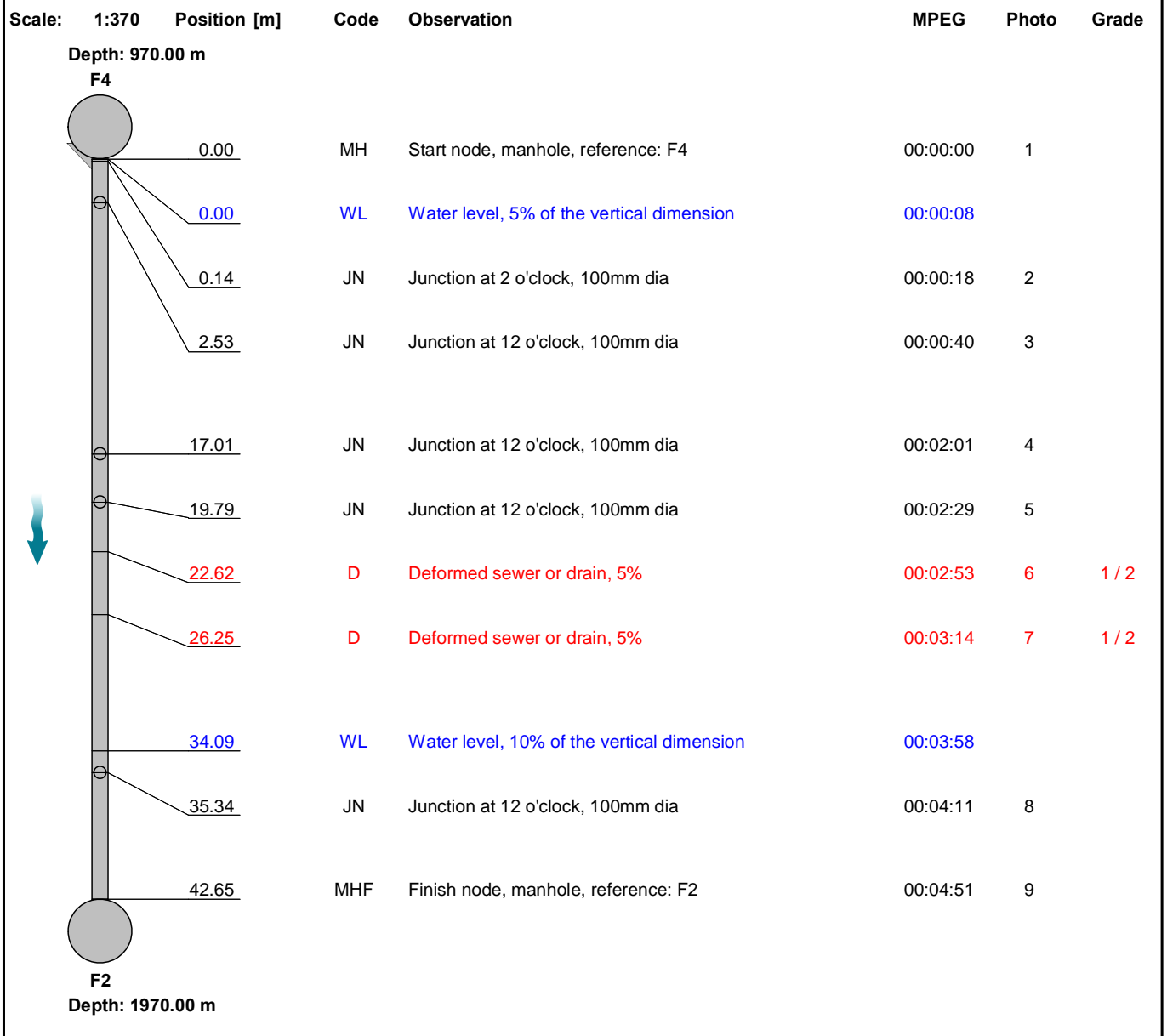


Section Inspection - 11/11/2025 - F4X

Item No. 5	Insp. No. 1	Date 11/11/25	Time 13:03	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F4X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.70 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F4
Road:	Shannon Valley	Inspected Length:	42.65 m	Upstream Pipe Depth:	970.000 m
Location:	Road	Total Length:	42.65 m	Downstream Node:	F2
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1970.000 m
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	150 mm
Type of Pipe:	Gravity drain/sewer	Material:	Polyvinyl chloride	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	2008				
Inspection Purpose:	Routine inspection				

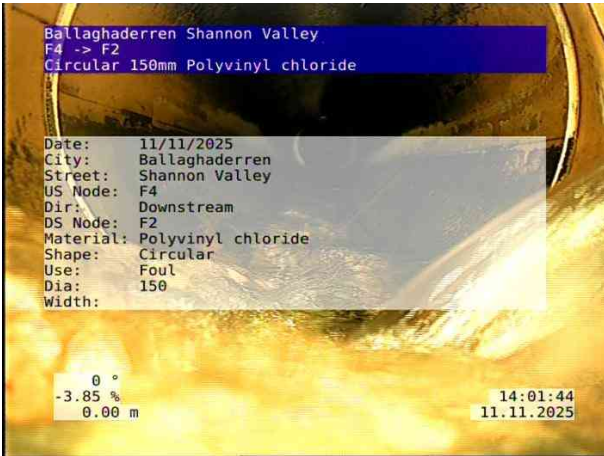
Comments:
Recommendations:



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
2	0.0	0.0	0.0	1.0	2	1.0	0.0	2.0	2.0

Section Pictures - 11/11/2025 - F4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	F4X	Ballaghaderreen	Kilkelly GE



1, 00:00:00, 0.00 m
 Start node, manhole, reference: F4



2, 00:00:18, 0.14 m
 Junction at 2 o'clock, 100mm dia



3, 00:00:40, 2.53 m
 Junction at 12 o'clock, 100mm dia



4, 00:02:01, 17.01 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	F4X	Ballaghaderreen	Kilkelly GE



5, 00:02:29, 19.79 m
 Junction at 12 o'clock, 100mm dia



6, 00:02:53, 22.62 m
 Deformed sewer or drain, 5%



7, 00:03:14, 26.25 m
 Deformed sewer or drain, 5%



8, 00:04:11, 35.34 m
 Junction at 12 o'clock, 100mm dia



Section Pictures - 11/11/2025 - F4X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	F4X	Ballaghaderreen	Kilkelly GE



9, 00:04:51, 42.65 m
Finish node, manhole, reference: F2



Section Inspection - 11/11/2025 - F6X

Item No. 6	Insp. No. 1	Date 11/11/25	Time 12:08	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F6X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.00 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F6
Road:	Shannon Valley	Inspected Length:	77.70 m	Upstream Pipe Depth:	1335.000 m
Location:	Road	Total Length:	77.70 m	Downstream Node:	F1
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1982.000 m
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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

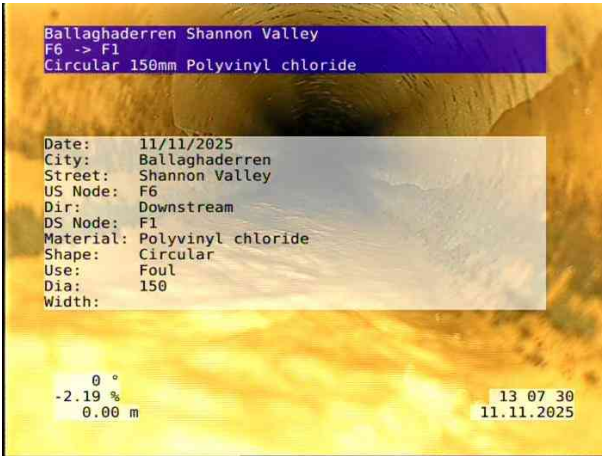
Scale: 1:673	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1335.00 m						
F6						
	0.00	MH	Start node, manhole, reference: F6	00:00:00	1	
	0.00	WL	Water level, 5% of the vertical dimension	00:00:07		
	13.98	WL	Water level, 10% of the vertical dimension	00:01:13		
	43.25	WL	Water level, 20% of the vertical dimension	00:03:30		
	67.81	WL	Water level, 10% of the vertical dimension	00:05:40		
	73.79	WL	Water level, 20% of the vertical dimension	00:06:10		
	75.53	WL	Water level, 30% of the vertical dimension	00:06:26		
	77.70	MHF	Finish node, manhole, reference: F1	00:07:07	2	
Depth: 1982.00 m						

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



Section Pictures - 11/11/2025 - F6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	F6X	Ballaghaderreen	Kilkelly GE



1, 00:00:00, 0.00 m
Start node, manhole, reference: F6



2, 00:07:07, 77.70 m
Finish node, manhole, reference: F1

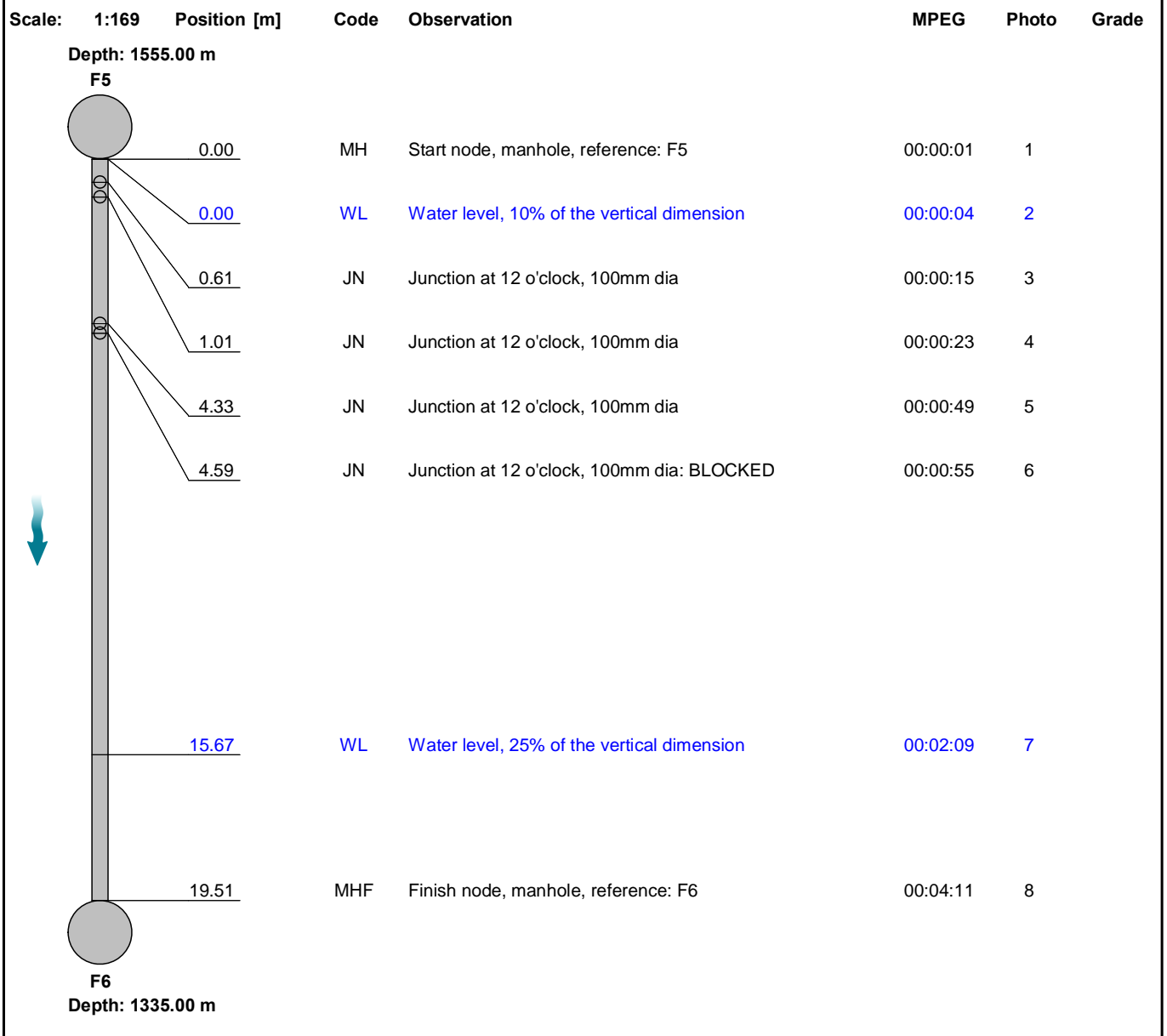


Section Inspection - 11/11/2025 - F5X

Item No. 7	Insp. No. 1	Date 11/11/25	Time 12:27	Client's Job Ref Ballaghaderreen	Weather Rain	Pre Cleaned Yes	PLR F5X
Operator DTR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID 1

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F5
Road:	Shannon Valley	Inspected Length:	19.51 m	Upstream Pipe Depth:	1555.000 m
Location:	Road	Total Length:	19.51 m	Downstream Node:	F6
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1335.000 m
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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:



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

Section Pictures - 11/11/2025 - F5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	F5X	Ballaghaderreen	Kilkelly GE



1, 00:00:01, 0.00 m
 Start node, manhole, reference: F5



2, 00:00:04, 0.00 m
 Water level, 10% of the vertical dimension



3, 00:00:15, 0.61 m
 Junction at 12 o'clock, 100mm dia



4, 00:00:23, 1.01 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F5X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	F5X	Ballaghaderreen	Kilkelly GE



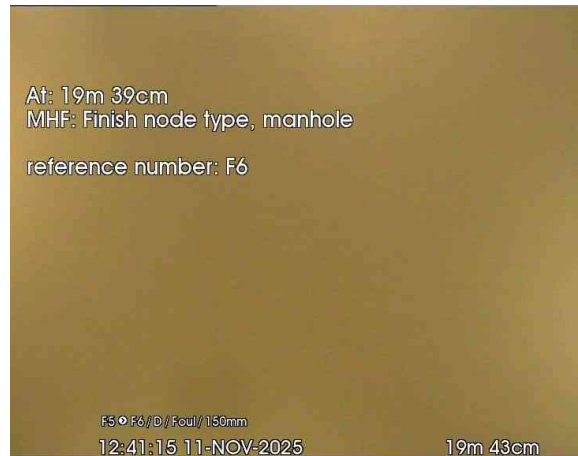
5, 00:00:49, 4.33 m
 Junction at 12 o'clock, 100mm dia



6, 00:00:55, 4.59 m
 Junction at 12 o'clock, 100mm dia, BLOCKED



7, 00:02:09, 15.67 m
 Water level, 25% of the vertical dimension



8, 00:04:11, 19.51 m
 Finish node, manhole, reference: F6



Section Inspection - 11/11/2025 - F7.1X

Item No. 8	Insp. No. 2	Date 11/11/25	Time 16:51	Client's Job Ref Ballaghaderreen	Weather Rain	Pre Cleaned Yes	PLR F7.1X
Operator DTR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Ballaghaderreen	Inspection Direction:	Upstream	Upstream Node:	F7.1
Road:	Shannon Valley	Inspected Length:	39.80 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	63.72 m	Downstream Node:	F5
Surface Type:		Joint Length:	6.00 m	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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:552	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F5	0.00	MH	Start node, manhole, reference: F5	00:00:01	1	
	0.00	WL	Water level, 25% of the vertical dimension	00:00:05	2	
	13.78	JN	Junction at 2 o'clock, 100mm dia	00:06:30	3	
	14.09	JN	Junction at 2 o'clock, 100mm dia	00:06:22	4	
	16.61	SA	Survey abandoned: OVERLAP	00:06:41	5	
	35.15	JN	Junction at 2 o'clock, 100mm dia	00:05:14	6	
	39.55	JN	Junction at 2 o'clock, 100mm dia	00:04:44	7	
	39.80	JN	Junction at 2 o'clock, 100mm dia	00:04:29	8	
F7.1 Depth: m						

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

Section Pictures - 11/11/2025 - F7.1X

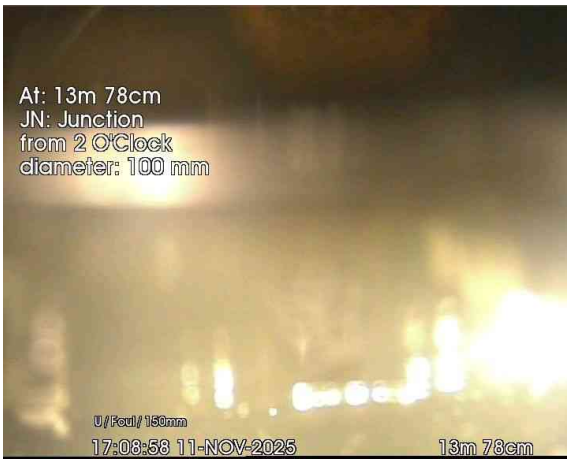
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Upstream	F7.1X	Ballaghaderreen	Kilkelly GE



1, 00:00:01, 0.00 m
 Start node, manhole, reference: F5



2, 00:00:05, 0.00 m
 Water level, 25% of the vertical dimension



3, 00:06:30, 13.78 m
 Junction at 2 o'clock, 100mm dia



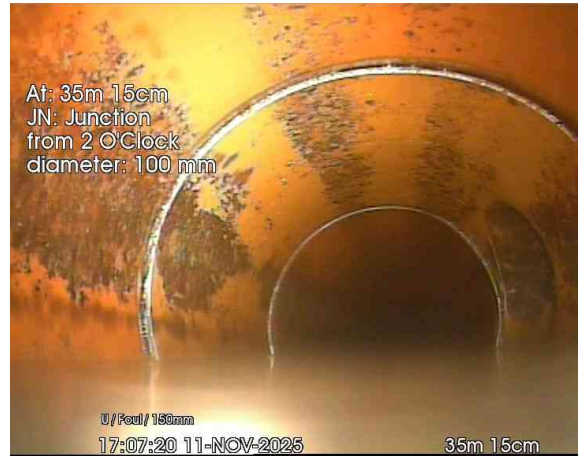
4, 00:06:22, 14.09 m
 Junction at 2 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F7.1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Upstream	F7.1X	Ballaghaderreen	Kilkelly GE



5, 00:06:41, 16.61 m
 Survey abandoned, OVERLAP



6, 00:05:14, 35.15 m
 Junction at 2 o'clock, 100mm dia



7, 00:04:44, 39.55 m
 Junction at 2 o'clock, 100mm dia



8, 00:04:29, 39.80 m
 Junction at 2 o'clock, 100mm dia



Section Inspection - 11/11/2025 - F7.1X

Item No. 8	Insp. No. 1	Date 11/11/25	Time 16:43	Client's Job Ref Ballaghaderreen	Weather Rain	Pre Cleaned Yes	PLR F7.1X
Operator DTR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F7.1
Road:	Shannon Valley	Inspected Length:	47.11 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	63.72 m	Downstream Node:	F5
Surface Type:		Joint Length:	6.00 m	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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:552	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F7.1	0.00	MH	Start node, manhole, reference: F7.1	00:00:01	1	
	0.00	WL	Water level, 5% of the vertical dimension	00:00:04	2	
	11.96	D	Deformed sewer or drain, 5%	00:00:38	3	1 / 2
	20.43	JN	Junction at 10 o'clock, 100mm dia	00:01:09	4	
	20.70	JN	Junction at 10 o'clock, 100mm dia	00:01:14	5	
	23.07	WL	Water level, 10% of the vertical dimension	00:01:24	6	
	24.61	JN	Junction at 10 o'clock, 100mm dia	00:01:32	7	
	33.04	WL	Water level, 5% of the vertical dimension	00:01:55	8	
	45.86	JN	Junction at 10 o'clock, 100mm dia	00:02:37	9	
	45.95	JN	Junction at 10 o'clock, 100mm dia	00:02:48	10	
	47.11	SA	Survey abandoned: OUT OF CABLE	00:02:59	11	
	63.72		End of pipe			
F5	Depth: m					

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

Section Pictures - 11/11/2025 - F7.1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	F7.1X	Ballaghaderreen	Kilkelly GE



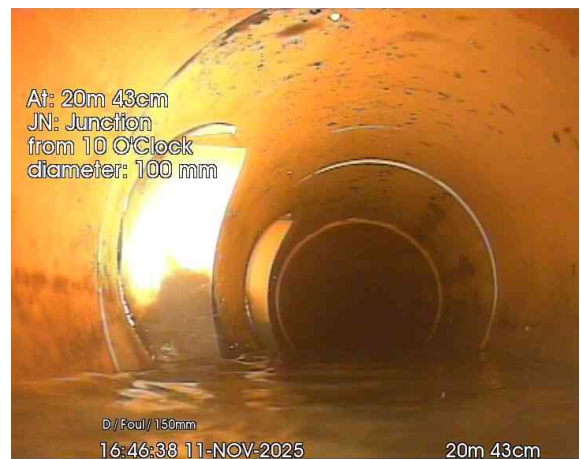
1, 00:00:01, 0.00 m
 Start node, manhole, reference: F7.1



2, 00:00:04, 0.00 m
 Water level, 5% of the vertical dimension



3, 00:00:38, 11.96 m
 Deformed sewer or drain, 5%



4, 00:01:09, 20.43 m
 Junction at 10 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F7.1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	F7.1X	Ballaghaderreen	Kilkelly GE



5, 00:01:14, 20.70 m
 Junction at 10 o'clock, 100mm dia



6, 00:01:24, 23.07 m
 Water level, 10% of the vertical dimension



7, 00:01:32, 24.61 m
 Junction at 10 o'clock, 100mm dia



8, 00:01:55, 33.04 m
 Water level, 5% of the vertical dimension

Section Pictures - 11/11/2025 - F7.1X

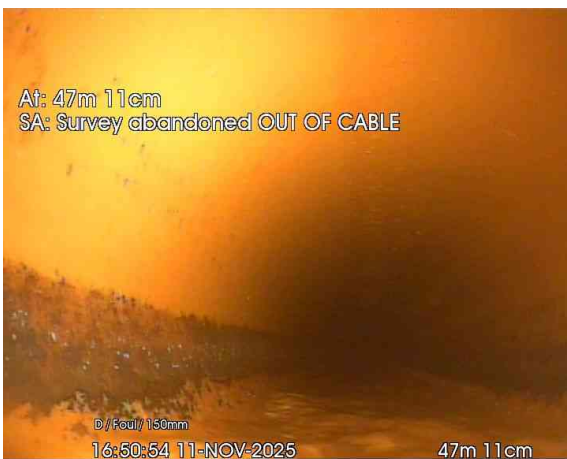
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	F7.1X	Ballaghaderreen	Kilkelly GE



9, 00:02:37, 45.86 m
 Junction at 10 o'clock, 100mm dia



10, 00:02:48, 45.95 m
 Junction at 10 o'clock, 100mm dia



11, 00:02:59, 47.11 m
 Survey abandoned, OUT OF CABLE

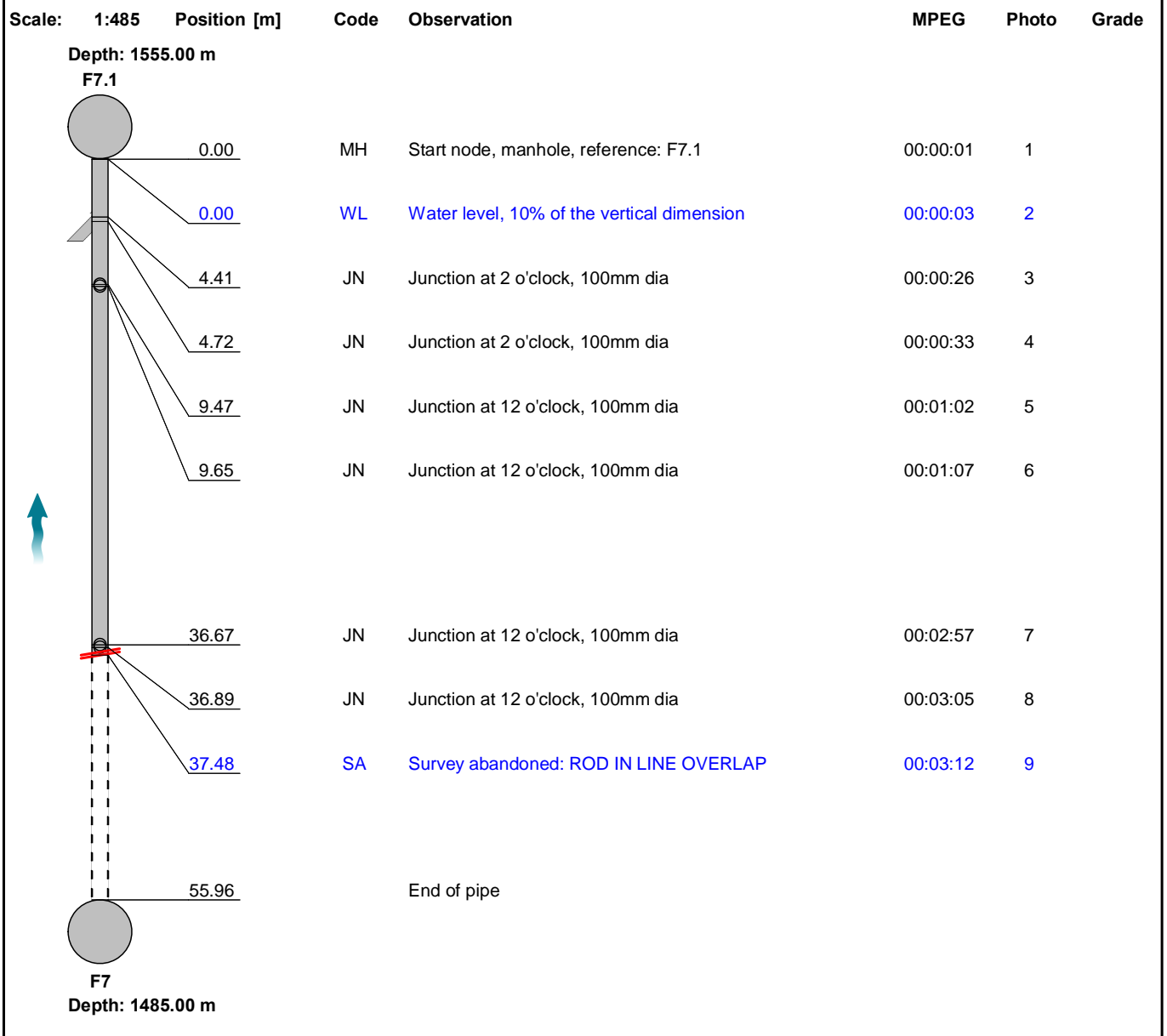


Section Inspection - 11/11/2025 - F7X

Item No. 9	Insp. No. 2	Date 11/11/25	Time 16:34	Client's Job Ref Ballaghaderreen	Weather Rain	Pre Cleaned Yes	PLR F7X
Operator DTR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID 1

Town or Village:	Ballaghaderreen	Inspection Direction:	Upstream	Upstream Node:	F7
Road:	Shannon Valley	Inspected Length:	37.48 m	Upstream Pipe Depth:	1485.000 m
Location:	Road	Total Length:	55.96 m	Downstream Node:	F7.1
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1555.000 m
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:	2008	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:



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

Section Pictures - 11/11/2025 - F7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	F7X	Ballaghaderreen	Kilkelly GE



1, 00:00:01, 0.00 m
 Start node, manhole, reference: F7.1



2, 00:00:03, 0.00 m
 Water level, 10% of the vertical dimension



3, 00:00:26, 4.41 m
 Junction at 2 o'clock, 100mm dia



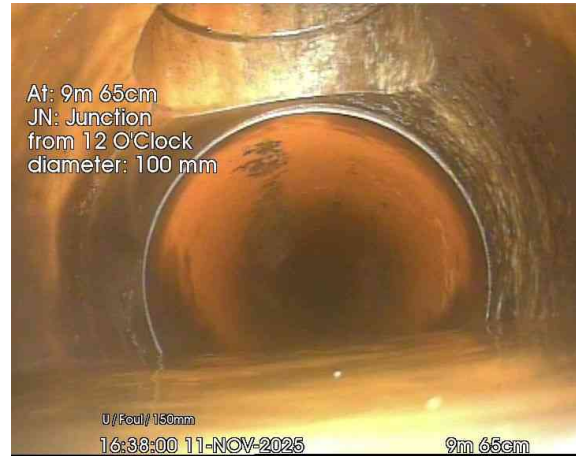
4, 00:00:33, 4.72 m
 Junction at 2 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	F7X	Ballaghaderreen	Kilkelly GE



5, 00:01:02, 9.47 m
 Junction at 12 o'clock, 100mm dia



6, 00:01:07, 9.65 m
 Junction at 12 o'clock, 100mm dia



7, 00:02:57, 36.67 m
 Junction at 12 o'clock, 100mm dia



8, 00:03:05, 36.89 m
 Junction at 12 o'clock, 100mm dia



Section Pictures - 11/11/2025 - F7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	F7X	Ballaghaderreen	Kilkelly GE



9, 00:03:12, 37.48 m
Survey abandoned, ROD IN LINE OVERLAP



Section Inspection - 11/11/2025 - F7X

Item No. 9	Insp. No. 1	Date 11/11/25	Time 13:59	Client's Job Ref Ballaghaderreen	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F7X
Operator DTR		Vehicle 222-D-15070		Camera Ipec Rover Tractor System	Preset Length 0.70 m	Legal Status Public Sewer	Alternative ID 1

Town or Village:	Ballaghaderreen	Inspection Direction:	Downstream	Upstream Node:	F7
Road:	Shannon Valley	Inspected Length:	18.48 m	Upstream Pipe Depth:	1485.000 m
Location:	Road	Total Length:	55.96 m	Downstream Node:	F7.1
Surface Type:	Asphalt Highway	Joint Length:	6.00 m	Downstream Pipe Depth:	1555.000 m
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	150 mm
Type of Pipe:	Gravity drain/sewer	Material:	Polyvinyl chloride	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	2008				
Inspection Purpose:	Routine inspection				

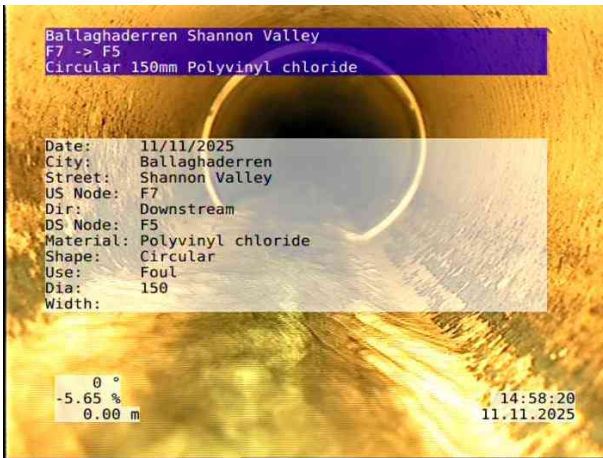
Comments:
Recommendations:

Scale: 1:485	Position [m]	Code	Observation	MPEG	Photo	Grade
	0.00	MH	Start node, manhole, reference: F7	00:00:00	1	
	0.00	WL	Water level, 5% of the vertical dimension	00:00:06		
	6.29	JN	Junction at 12 o'clock, 100mm dia	00:01:23	2	
	10.94	WL	Water level, 30% of the vertical dimension	00:02:01		
	15.20	D	Deformed sewer or drain, 5%	00:03:09	3	1 / 2
	18.15	JN	Junction at 12 o'clock, 100mm dia	00:03:43	4	
	18.42	OBC	Other obstacles, through connection or junction at 12 o'clock, 30% cross-sectional area loss: ROD STUCK IN CN	00:04:16	5	5
	18.48	SA	Survey abandoned: UNABLE TO PASS ROD IN LINE	00:04:21	6	
	55.96		End of pipe			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	0.0	0.0	0.0	1.0	2	10.0	0.6	11.0	5.0

Section Pictures - 11/11/2025 - F7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Downstream	F7X	Ballaghaderreen	Kilkelly GE



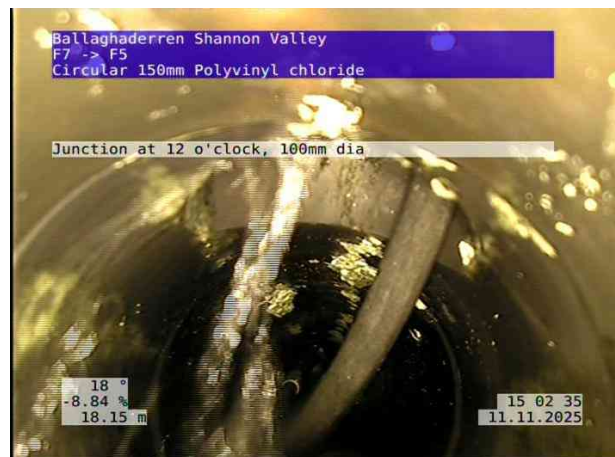
1, 00:00:00, 0.00 m
 Start node, manhole, reference: F7



2, 00:01:23, 6.29 m
 Junction at 12 o'clock, 100mm dia



3, 00:03:09, 15.20 m
 Deformed sewer or drain, 5%



4, 00:03:43, 18.15 m
 Junction at 12 o'clock, 100mm dia

Section Pictures - 11/11/2025 - F7X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Downstream	F7X	Ballaghaderreen	Kilkelly GE



5, 00:04:16, 18.42 m

Other obstacles, through connection or junction at 12 o'clock, 30% cross-sectional area loss, ROD STUCK IN CN



6, 00:04:21, 18.48 m

Survey abandoned, UNABLE TO PASS ROD IN LINE