
NADIR RASHID
PROPERTY INTELLECTS LTD
Job Ref. **SK-S 068-2026 37 HIGH ST**
22/06/2026
MSCC5 Drain and Sewer Codes (SRM5 Scoring)



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Report Overview

Client - **NADIR RASHID**

Sewer Network Information	
Number of Sections	9
Total Length	18.14 m
Inspected Length	18.14 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 32
Inspection Videos 9
Site Drawings 1
Site Photos 0

Defects Found	
Structural	3
Service	2
Abandoned Survey(s)	0

Work Carried Out	
Pipeline(s) Surveyed	9
Pipeline(s) Pre Cleaned	9
Flow Control(s) Used	0

Project Information

Client - **NADIR RASHID**

Notes/Purpose of Survey
SURVEY OF THE EXISTING DRAINAGE

Client Details	
Location	NADIR RASHID
Contact Name	
Contact Tel.	
Contact Email	nadir@propertyintellects.com
Company Address	PROPERTY INTELLECTS LTD

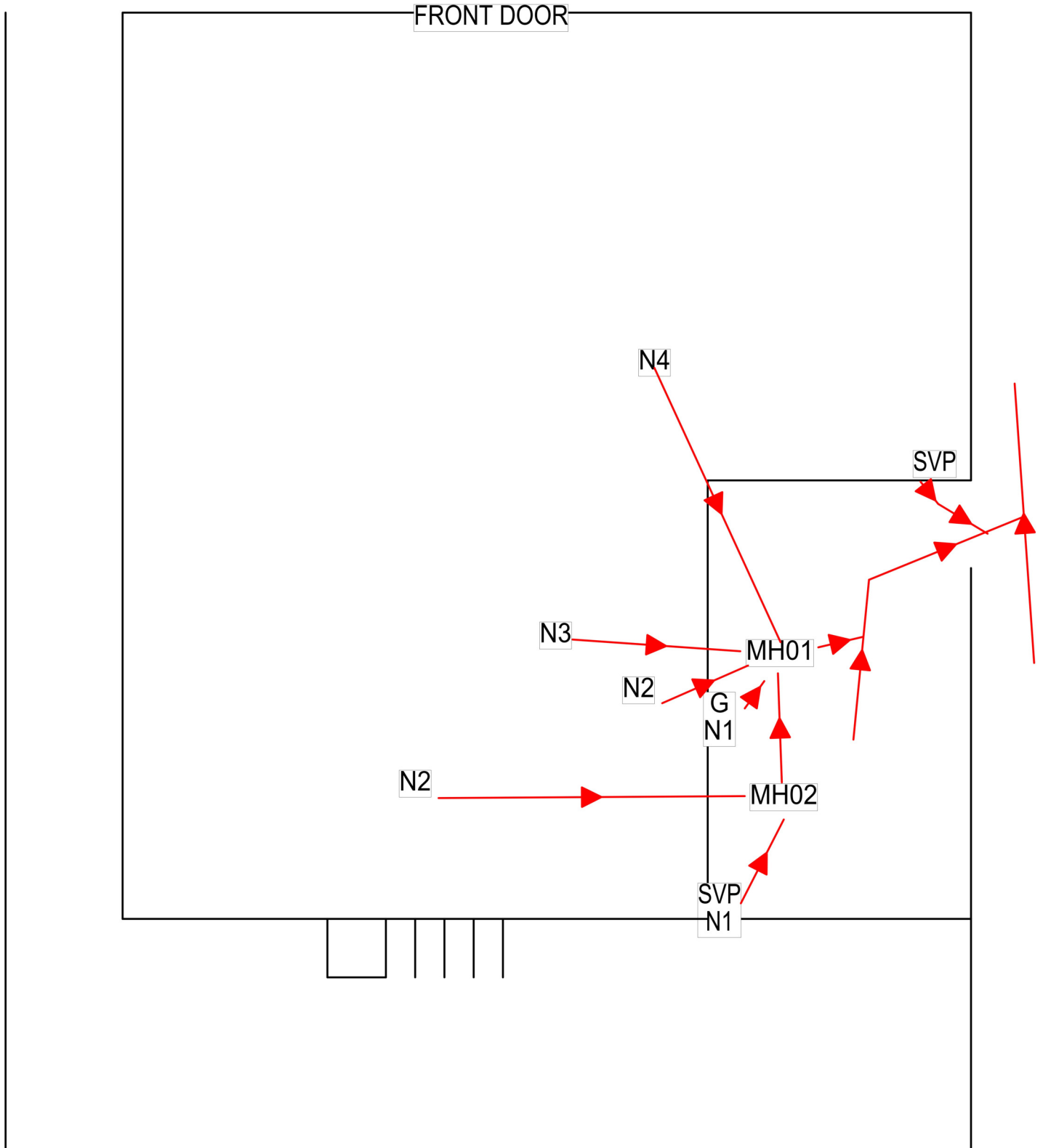
Site Details	
Company	37 HIGH ST
Site Contact Name	
Site Contact Tel.	
Address	CLEATOR MOOR CA25 5LA

Contractor Details	
Company	SK Drainage Solutions Ltd
Office Contact Name	Steven Oakes
Office Contact Tel.	01900268189
Office Contact Email	office@skds.ltd
Surveyor	B.HUGHES
Office Address	31 Adams Road Workington Cumbria CA14 3YS

Job Comments
PLEASE REFER TO SURVEYS FOR ADDITIONAL INFORMATION

Site Images

Client - **NADIR RASHID**



This sketch is not to scale and does not represent the exact routing of the drainage system

Scoring Summary

Client - **NADIR RASHID**

Structural Defects

Grade 3	Grade 4	Grade 5	Information
Best practice suggests consideration to be given to repair in the medium term.	Best practice suggests consideration to be given to repair to avoid potential collapse.	Best practice suggests this pipe is at risk of collapse at any time; urgent consideration should be given to repair to avoid collapse.	These summaries are based on the SRM grading from the WRC.

Section	PLR	Grade	Fault Description
5	NODE03 X	4	Multiple defects, made up of displaced joints & fractures
8	NODE02 X	4	Defective connections

Service/Operational Defects

Grade 3	Grade 4	Grade 5	Information
Best practice suggests consideration to be given to maintenance activities in the medium term.	Best practice suggests consideration to be given to maintenance to avoid potential blockage.	Best practice suggests this pipe is at risk of backing up / causing flooding.	These summaries are based on the SRM grading from the WRC.

Section	PLR	Grade	Fault Description
5	NODE03 X	4	Multiple defects, made up of fractures & displaced joints

Abandoned Surveys

Section	PLR	Fault Description
All inspected pipes have been surveyed for their entire length.		

CCTV Inspection - Section No. 1 - MH01 to OUTFALL

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	MH01 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:11 - 12:12
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Downstream	2.81	2.81

	Ref	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
Start Node	MH01						
	Depth						
	Coordinates						
		0.00	MH	Start node type, manhole, reference MH01	00:00:00	S1C1	0
		0.00	WL	Water level 0% height/diameter	00:00:00	S1C2	0
		0.00	REM	JOINS A LINE AT THIS POINT	00:00:00	S1C3	0
Drain/Sewer	Sewer Use						
	Combined						
	Sewer Type						
	-						
	Criticality						
	-						
	Year						
	-						
Pipe	Material						
	Vitrified clay						
	Lining Type						
	-						
	Lining Material						
	-						
	Shape						
	-						
	Diameter						
	100						
	Unit Length						
	-						
End Node	OUTFALL						
	Depth						
	Coordinates						
		2.81	BRF	Finish node type, major connection without manhole, reference OUTFALL MAINS CONNECTION	00:00:25	S1C4	0

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	0.00	0	1	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 1 - MH01 to OUTFALL

Client - **NADIR RASHID**

S1C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH01

S1C2

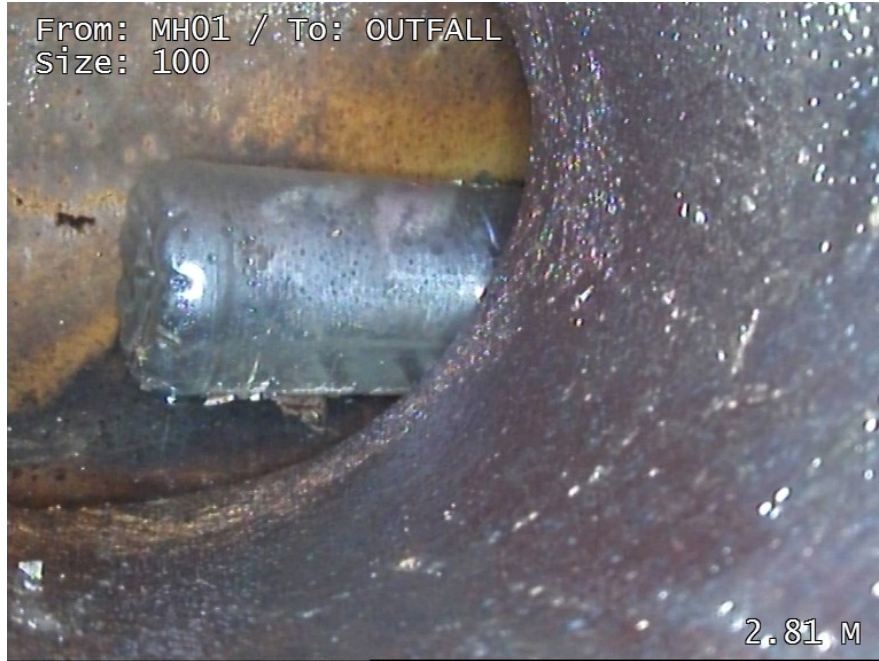


00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 1 - MH01 to OUTFALL

Client - **NADIR RASHID**

S1C4



00:00:25 - 2.81 m

Finish node type, major connection without manhole, reference OUTFALL MAINS CONNECTION

Overview - Section No. 1 - MH01 to OUTFALL

Client - **NADIR RASHID**

Section Information	
Total Length	2.81 m
Inspected Length	2.81 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 4
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. MH01 X	Direction Downstream	Upstream Node MH01	Downstream Node OUTFALL	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH01			
0	WL	Water level 0% height/diameter			
0	REM	JOINS A LINE AT THIS POINT			
2.81	BRF	Finish node type, major connection without manhole, reference OUTFALL MAINS CONNECTION			

Damage Overview - Section No. 1 - MH01 to OUTFALL

Client - **NADIR RASHID**

Structural Defect	Quantity
-------------------	----------

There were no structural defects recorded

Service/Operational Defects	Quantity
-----------------------------	----------

There were no service/operational defects recorded

CCTV Inspection - Section No. 2 - MH01 to MH02

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	MH02 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:29 - 12:29
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	0.00	0.00

Start Node	Ref	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
	MH01	0.00	WHF	Water level 0.96m height diameter 100mm	00:00:00	S2C2	0
Drain/Sewer	Sewer Use						
	Combined						
	Sewer Type						
	-						
Pipe	Criticality						
	-						
Pipe	Material						
	Vitrified clay						
	Lining Type						
	-						
	Lining Material						
	-						
Pipe	Shape						
	-						
	Diameter						
Pipe	100						
	Unit Length						
End Node	Ref						
	MH02						
End Node	Depth						
	-						

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	nan	0	1	Structural Defects	Construction Observations
Operational	0	0	nan	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 2 - MH01 to MH02

Client - **NADIR RASHID**

S2C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH01

S2C2



00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 2 - MH01 to MH02

Client - **NADIR RASHID**

S2C3



00:00:06 - 0.00 m

Finish node type, manhole, reference MH02

Overview - Section No. 2 - MH01 to MH02

Client - **NADIR RASHID**

Section Information	
Total Length	0 m
Inspected Length	0 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 3
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. MH02 X	Direction Upstream	Upstream Node MH01	Downstream Node MH02	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH01			
0	WL	Water level 0% height/diameter			
0	MHF	Finish node type, manhole, reference MH02			

Damage Overview - Section No. 2 - MH01 to MH02

Client - **NADIR RASHID**

Structural Defect	Quantity
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There were no structural defects recorded

Service/Operational Defects	Quantity
-----------------------------	----------

There were no service/operational defects recorded

CCTV Inspection - Section No. 3 - MH01 to NODE01

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	NODE01 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:30 - 12:30
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	0.05	0.05

	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
Start Node	Ref MH01					
	Depth -					
	Coordinates -					
Drain/Sewer	Sewer Use Combined					
	Sewer Type -					
	Criticality -					
	Year -					
Pipe	Material Vitrified clay					
	Lining Type -					
	Lining Material -					
	Shape -					
	Diameter 100					
	Unit Length -					
End Node	Ref NODE01					
	Depth -					
	Coordinates -					

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	0.00	0	1	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 3 - MH01 to NODE01

Client - **NADIR RASHID**

S3C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH01

S3C2

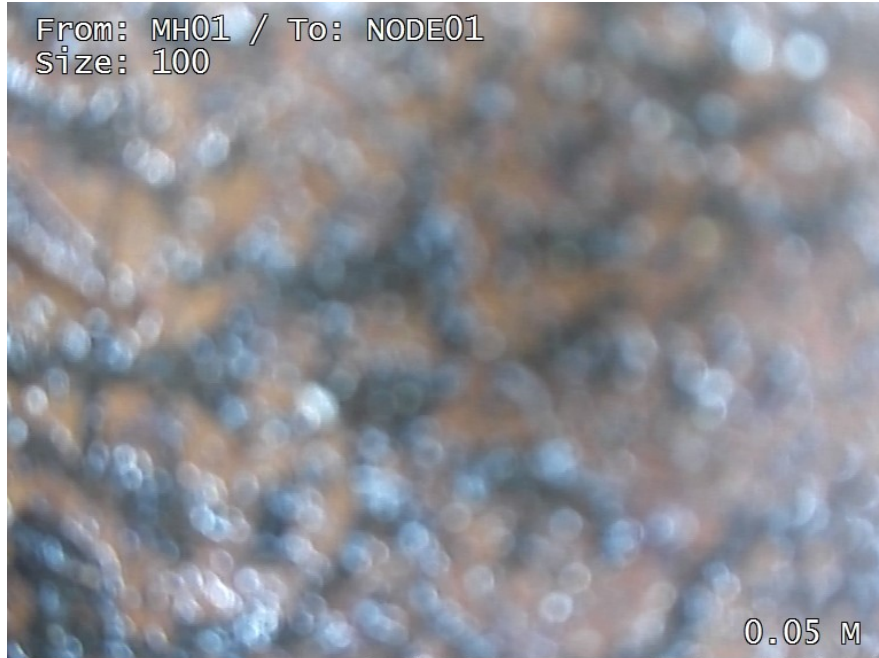


00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 3 - MH01 to NODE01

Client - **NADIR RASHID**

S3C3



00:00:04 - 0.05 m

Finish node type, gully, reference NODE01

Overview - Section No. 3 - MH01 to NODE01

Client - **NADIR RASHID**

Section Information	
Total Length	0.05 m
Inspected Length	0.05 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 3
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. NODE01 X	Direction Upstream	Upstream Node MH01	Downstream Node NODE01	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH01			
0	WL	Water level 0% height/diameter			
0.05	GYF	Finish node type, gully, reference NODE01			

Damage Overview - Section No. 3 - MH01 to NODE01

Client - **NADIR RASHID**

Structural Defect	Quantity
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There were no structural defects recorded

Service/Operational Defects	Quantity
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There were no service/operational defects recorded

CCTV Inspection - Section No. 4 - MH01 to NODE02

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	NODE02 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:31 - 12:31
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	0.83	0.83

	Ref	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
Start Node	MH01	0.00	MH	Start node type, manhole, reference MH01	00:00:00	S4C1	0
	Depth	0.00	WL	Water level 0% height/diameter	00:00:00	S4C2	0
Drain/Sewer	Sewer Use						
	Combined						
	Sewer Type						
Pipe	Material						
	Vitrified clay						
Pipe	Lining Type						
	-						
	Lining Material						
	-						
	Shape						
	-						
Pipe	Diameter						
	100						
End Node	Ref						
	NODE02						
End Node	Depth	0.83	BRF	Finish node type, major connection without manhole, reference NODE02	00:00:16	S4C3	0
	Coordinates						

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	0.00	0	1	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 4 - MH01 to NODE02

Client - **NADIR RASHID**

S4C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH01

S4C2



00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 4 - MH01 to NODE02

Client - **NADIR RASHID**

S4C3

From: MH01 / To: NODE02
Size: 100



00:00:16 - 0.83 m

Finish node type, major connection without manhole, reference NODE02

Overview - Section No. 4 - MH01 to NODE02

Client - **NADIR RASHID**

Section Information	
Total Length	0.83 m
Inspected Length	0.83 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 3
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. NODE02 X	Direction Upstream	Upstream Node MH01	Downstream Node NODE02	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH01			
0	WL	Water level 0% height/diameter			
0.83	BRF	Finish node type, major connection without manhole, reference NODE02			

Damage Overview - Section No. 4 - MH01 to NODE02

Client - **NADIR RASHID**

Structural Defect	Quantity
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There were no structural defects recorded

Service/Operational Defects	Quantity
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There were no service/operational defects recorded

CCTV Inspection - Section No. 5 - MH01 to NODE03

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	NODE03 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:32 - 12:32
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	0.93	0.93

Start Node	Ref	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
	MH01	0.00	MH	Start node type, manhole, reference MH01	00:00:00	S5C1	0
	Depth	0.00	WL	Water level 0% height/diameter	00:00:00	S5C2	0
		-	-				
Drain/Sewer	Sewer Use						
	Combined						
	Sewer Type						
		-					
	Criticality						
	Year						
		-					
Pipe	Material						
	Vitrified clay						
	Lining Type						
	-						
	Lining Material						
	-						
	Shape						
	-						
	Diameter						
	100						
		Unit Length					
		-					
End Node	Ref						
	NODE03						
		Depth					
		-					
		Coordinates					
		-					

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	2	80	129.03	120	4	Structural Defects	Construction Observations
Operational	2	2	3.23	3	4	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 5 - MH01 to NODE03

Client - **NADIR RASHID**

S5C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH01

S5C2



00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 5 - MH01 to NODE03

Client - **NADIR RASHID**

S5C3



00:00:01 - 0.12 m
Joint displaced 20mm

S5C4



00:00:04 - 0.69 m
Fracture circumferential from 3 to 10 o'clock

Pictures - Section No. 5 - MH01 to NODE03

Client - **NADIR RASHID**

S5C5

From: MH01 / To: NODE03
Size: 100



00:00:10 - 0.93 m

Finish node type, gully, reference NODE03 INT GULLY

Overview - Section No. 5 - MH01 to NODE03

Client - **NADIR RASHID**

Section Information	
Total Length	0.93 m
Inspected Length	0.93 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 5
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	2
Service/Operational	2
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

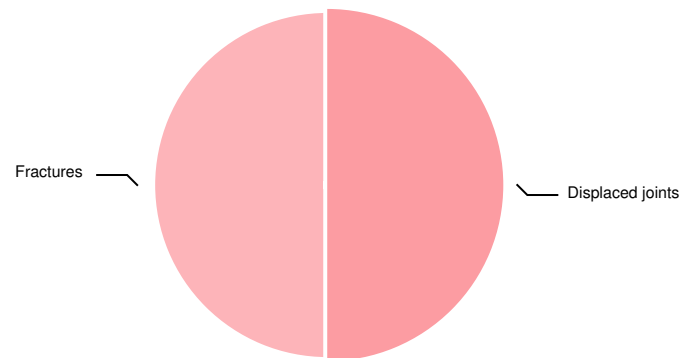
Pipeline Length Ref. NODE03 X	Direction Upstream	Upstream Node MH01	Downstream Node NODE03	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH01			
0	WL	Water level 0% height/diameter			
0.12	JD	Joint displaced 20mm			
0.69	FC	Fracture circumferential from 3 to 10 o'clock			
0.93	GYF	Finish node type, gully, reference NODE03 INT GULLY			

Damage Overview - Section No. 5 - MH01 to NODE03

Client - **NADIR RASHID**

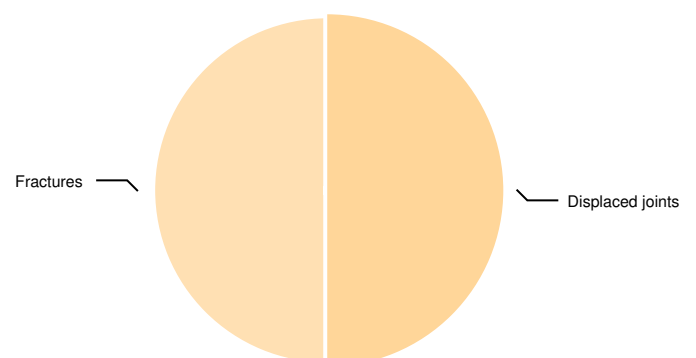
Structural Defect	Quantity
Fractures	1
Displaced joints	1

Structural



Service/Operational Defects	Quantity
Fractures	1
Displaced joints	1

Service/Operational



CCTV Inspection - Section No. 6 - MH01 to NODE04

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	NODE04 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:33 - 12:34
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	2.90	2.90

	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
Start Node	Ref MH01					
	Depth -					
	Coordinates -					
Drain/Sewer	Sewer Use Combined					
	Sewer Type -					
	Criticality -					
	Year -					
Pipe	Material Vitrified clay					
	Lining Type -					
	Lining Material -					
	Shape -					
	Diameter 100					
	Unit Length -					
End Node	Ref NODE04					
	Depth -					
	Coordinates -					

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	0.00	0	1	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 6 - MH01 to NODE04

Client - **NADIR RASHID**

S6C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH01

S6C2



00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 6 - MH01 to NODE04

Client - **NADIR RASHID**

S6C3

From: MH01 / To: NODE04
Size: 100



00:00:24 - 2.90 m

Finish node type, gully, reference NODE04 INT GULLY

Overview - Section No. 6 - MH01 to NODE04

Client - **NADIR RASHID**

Section Information	
Total Length	2.9 m
Inspected Length	2.9 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 3
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. NODE04 X	Direction Upstream	Upstream Node MH01	Downstream Node NODE04	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH01			
0	WL	Water level 0% height/diameter			
2.9	GYF	Finish node type, gully, reference NODE04 INT GULLY			

Damage Overview - Section No. 6 - MH01 to NODE04

Client - **NADIR RASHID**

Structural Defect	Quantity
-------------------	----------

There were no structural defects recorded

Service/Operational Defects	Quantity
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There were no service/operational defects recorded

CCTV Inspection - Section No. 7 - MH02 to NODE01

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	NODE01 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:34 - 12:35
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	0.93	0.93

	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
Start Node	Ref MH02					
	Depth -					
	Coordinates -					
Drain/Sewer	Sewer Use Combined					
	Sewer Type -					
	Criticality -					
	Year -					
Pipe	Material Vitrified clay					
	Lining Type -					
	Lining Material -					
	Shape -					
	Diameter 100					
	Unit Length -					
End Node	Ref NODE01					
	Depth -					
	Coordinates -					

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	0.00	0	1	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 7 - MH02 to NODE01

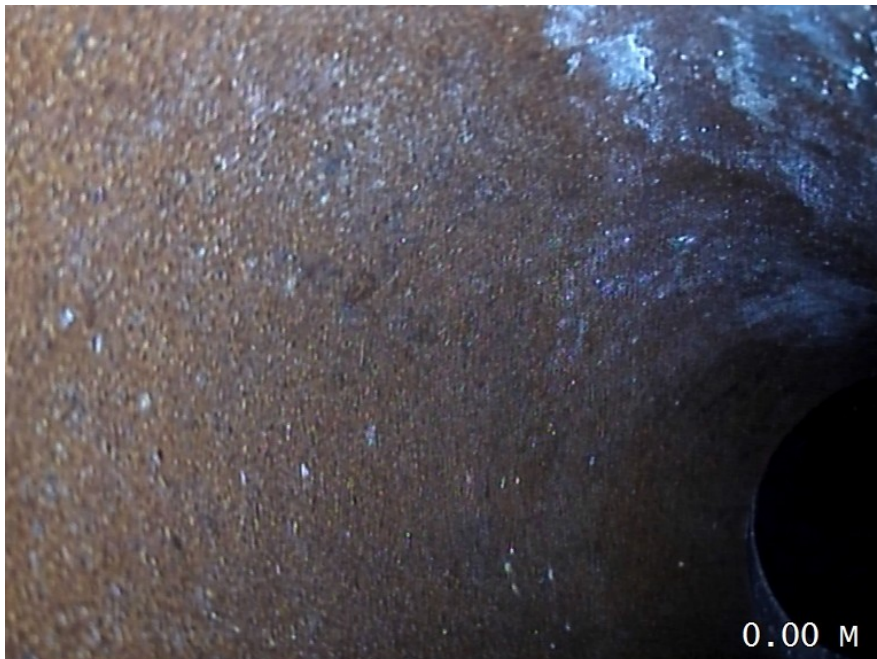
Client - **NADIR RASHID**

S7C1



00:00:00 - 0.00 m
Start node type, manhole, reference MH02

S7C2

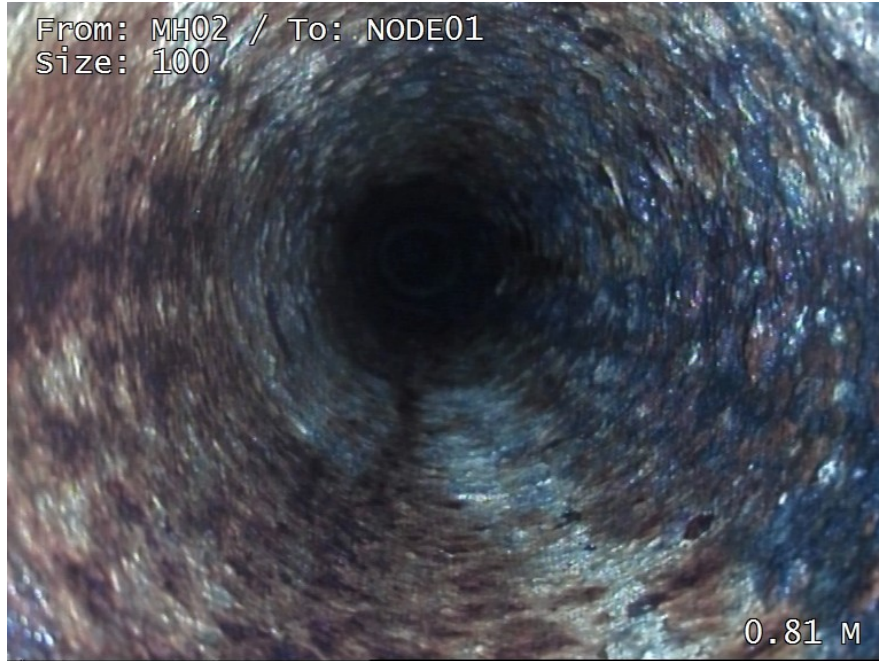


00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 7 - MH02 to NODE01

Client - **NADIR RASHID**

S7C3



00:00:07 - 0.93 m

Finish node type, major connection without manhole, reference NODE01 SVP

Overview - Section No. 7 - MH02 to NODE01

Client - **NADIR RASHID**

Section Information	
Total Length	0.93 m
Inspected Length	0.93 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 3
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. NODE01 X	Direction Upstream	Upstream Node MH02	Downstream Node NODE01	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH02			
0	WL	Water level 0% height/diameter			
0.93	BRF	Finish node type, major connection without manhole, reference NODE01 SVP			

Damage Overview - Section No. 7 - MH02 to NODE01

Client - **NADIR RASHID**

Structural Defect	Quantity
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There were no structural defects recorded

Service/Operational Defects	Quantity
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There were no service/operational defects recorded

CCTV Inspection - Section No. 8 - MH02 to NODE02

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	NODE02 X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	12:35 - 12:37
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor B.HUGHES	Camera System VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Upstream	7.31	7.31

Start Node	Ref	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
	MH02	0.00	MH	Start node type, manhole, reference MH02	00:00:00	S8C1	0
	Depth	0.00	WL	Water level 0% height/diameter	00:00:00	S8C2	0
		-	-				
Drain/Sewer	Sewer Use						
	Combined						
	Sewer Type						
		-					
	Criticality						
	Year						
		-					
Pipe	Material						
	Vitrified clay						
	Lining Type						
	-						
	Lining Material						
	-						
	Shape						
	-						
	Diameter						
	100						
		Unit Length					
		-					
End Node	Ref						
	NODE02						
		Depth					
		-					
		Coordinates					
		-					

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	1	80	10.94	80	4	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 8 - MH02 to NODE02

Client - **NADIR RASHID**

S8C1



0.00 M

00:00:00 - 0.00 m

Start node type, manhole, reference MH02

S8C2



0.00 M

00:00:00 - 0.00 m

Water level 0% height/diameter

Pictures - Section No. 8 - MH02 to NODE02

Client - **NADIR RASHID**

S8C3



00:00:17 - 2.50 m

Connection defective, connecting pipe is damaged at 11 o'clock, diameter 100mm, intrusion 10%

S8C4



00:00:30 - 4.88 m

Junction at 3 o'clock, diameter 100mm

Pictures - Section No. 8 - MH02 to NODE02

Client - **NADIR RASHID**

S8C5

From: MH02 / To: NODE02
Size: 100



00:00:48 - 7.31 m

Finish node type, major connection without manhole, reference NODE02

Overview - Section No. 8 - MH02 to NODE02

Client - **NADIR RASHID**

Section Information	
Total Length	7.31 m
Inspected Length	7.31 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 5
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	1
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

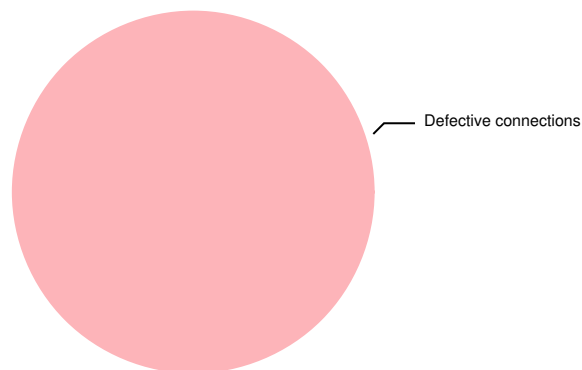
Pipeline Length Ref. NODE02 X	Direction Upstream	Upstream Node MH02	Downstream Node NODE02	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	MH	Start node type, manhole, reference MH02			
0	WL	Water level 0% height/diameter			
2.5	CXDI	Connection defective, connecting pipe is damaged at 11 o'clock, diameter 100mm, intrusion 10%			
4.88	JN	Junction at 3 o'clock, diameter 100mm			
7.31	BRF	Finish node type, major connection without manhole, reference NODE02			

Damage Overview - Section No. 8 - MH02 to NODE02

Client - **NADIR RASHID**

Structural Defect	Quantity
Defective connections	1

Structural



Service/Operational Defects	Quantity
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There were no service/operational defects recorded

CCTV Inspection - Section No. 9 - SVP to OUTFALL

Client - **NADIR RASHID**

Job Info	
Contractor's Job Ref.	SK-S 068-2026 37 HIGH ST
Pipeline Length Ref.	SVP X
Drainage Area	
Division/District	

Location
Street Name
Town or Village
Location Type
Land Ownership

Factors	
Date	22/06/2026
Time	13:01 - 13:02
Weather	1 - Dry
Temp.	

Surveyor Details	
Name of Surveyor	Camera System
B.HUGHES	VJ7B51U7GO

Survey Details					
Purpose of Inspection	Pre Cleaned	Flow Control	Direction	Expected Length	Inspected Length
-	Y	-	Downstream	2.38	2.38

	Position (m)	Code	Observation	Video Ref	Photo Ref	Score
Start Node	Ref					
	SVP					
Depth						
	-					
Coordinates						
	-					
0.00		SN	Start node type: Source	00:00:00	S9C1	0
	0.00	WL	Water level 0% height/diameter	00:00:00	S9C2	0
Drain/Sewer	Sewer Use					
	Combined					
	Sewer Type					
	-					
Criticality						
	-					
Year						
	-					
Pipe	Material					
	Vitrified clay					
	Lining Type					
	-					
	Lining Material					
	-					
Shape						
	-					
Diameter						
	100					
Unit Length						
	-					
End Node	Ref					
	OUTFALL					
Depth						
	-					
Coordinates						
	-					
2.38		BRF	Finish node type, major connection without manhole, 00:00:37 reference OUTFALL	00:00:37	S9C3	0

General Remarks

Defect	Quantity	Peak	Mean	Total	Grade	Key	
Structural	0	0	0.00	0	1	Structural Defects	Construction Observations
Operational	0	0	0.00	0	1	Service/Operational Defects	Miscellaneous Observations

Pictures - Section No. 9 - SVP to OUTFALL

Client - **NADIR RASHID**

S9C1



00:00:00 - 0.00 m
Start node type: Source

S9C2



00:00:00 - 0.00 m
Water level 0% height/diameter

Pictures - Section No. 9 - SVP to OUTFALL

Client - **NADIR RASHID**

S9C3



00:00:37 - 2.38 m

Finish node type, major connection without manhole, reference OUTFALL

Overview - Section No. 9 - SVP to OUTFALL

Client - **NADIR RASHID**

Section Information	
Total Length	2.38 m
Inspected Length	2.38 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 3
Inspection Videos 1
Manhole Photos 0

Defects Found	
Structural	0
Service/Operational	0
Survey Abandoned	No

Work Carried Out	
Pipeline Surveyed	Yes
Pipeline Pre Cleaned	Yes
Flow Control Used	No

Pipeline Length Ref. SVP X	Direction Downstream	Upstream Node SVP	Downstream Node OUTFALL	Pipe Material Vitrified clay	Dia/Height 100 mm
Meas. from MH (m)	Code	Observation			
0	SN	Start node type: Source			
0	WL	Water level 0% height/diameter			
2.38	BRF	Finish node type, major connection without manhole, reference OUTFALL			

Damage Overview - Section No. 9 - SVP to OUTFALL

Client - **NADIR RASHID**

Structural Defect	Quantity
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There were no structural defects recorded

Service/Operational Defects	Quantity
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There were no service/operational defects recorded

Summary - All Sections

Client - **NADIR RASHID**

Sewer Network Information	
Number of Sections	9
Total Length	18.14 m
Inspected Length	18.14 m
Not Inspected Length	0 m

Resources Collected
Inspection Photos 32
Inspection Videos 9
Manhole Photos 0
Abandoned Surveys 0

Section Breakdowns / Data Collections

1 - 3 / 9

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	Total Length
MH01 X	Downstream	MH01	OUTFALL	Vitrified clay	100 mm	2.81m	2.81m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH01					
0	WL	Water level 0% height/diameter					
0	REM	JOINS A LINE AT THIS POINT					
2.81	BRF	Finish node type, major connection without manhole, reference OUTFALL MAINS CONNECTION					

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	Total Length
MH02 X	Upstream	MH01	MH02	Vitrified clay	100 mm	0m	0m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH01					
0	WL	Water level 0% height/diameter					
0	MHF	Finish node type, manhole, reference MH02					

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	Total Length
NODE01 X	Upstream	MH01	NODE01	Vitrified clay	100 mm	0.05m	0.05m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH01					
0	WL	Water level 0% height/diameter					
0.05	GYF	Finish node type, gully, reference NODE01					

Summary - All Sections

Client - **NADIR RASHID**

Section Breakdowns / Data Collections

4 - 7 / 9

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	0.83m
NODE02 X	Upstream	MH01	NODE02	Vitrified clay	100 mm	Total Length	0.83m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH01					
0	WL	Water level 0% height/diameter					
0.83	BRF	Finish node type, major connection without manhole, reference NODE02					

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	0.93m
NODE03 X	Upstream	MH01	NODE03	Vitrified clay	100 mm	Total Length	0.93m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH01					
0	WL	Water level 0% height/diameter					
0.12	JD	Joint displaced 20mm					
0.69	FC	Fracture circumferential from 3 to 10 o'clock					
0.93	GYF	Finish node type, gully, reference NODE03 INT GULLY					

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	2.9m
NODE04 X	Upstream	MH01	NODE04	Vitrified clay	100 mm	Total Length	2.9m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH01					
0	WL	Water level 0% height/diameter					
2.9	GYF	Finish node type, gully, reference NODE04 INT GULLY					

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	0.93m
NODE01 X	Upstream	MH02	NODE01	Vitrified clay	100 mm	Total Length	0.93m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH02					
0	WL	Water level 0% height/diameter					
0.93	BRF	Finish node type, major connection without manhole, reference NODE01 SVP					

Summary - All Sections

Client - **NADIR RASHID**

Section Breakdowns / Data Collections

8 - 9 / 9

Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	7.31m
NODE02 X	Upstream	MH02	NODE02	Vitrified clay	100 mm	Total Length	7.31m
Meas. from MH (m)	Code	Observation					
0	MH	Start node type, manhole, reference MH02					
0	WL	Water level 0% height/diameter					
2.5	CXDI	Connection defective, connecting pipe is damaged at 11 o'clock, diameter 100mm, intrusion 10%					
4.88	JN	Junction at 3 o'clock, diameter 100mm					
7.31	BRF	Finish node type, major connection without manhole, reference NODE02					

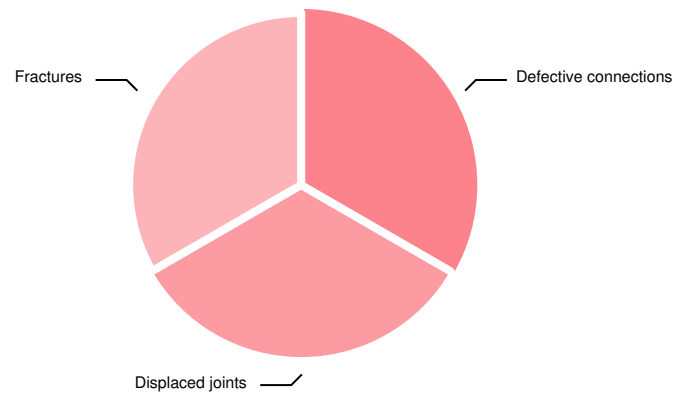
Pipeline Length Ref.	Direction	Upstream Node	Downstream Node	Pipe Material	Dia/Height	Inspected Length	2.38m
SVP X	Downstream	SVP	OUTFALL	Vitrified clay	100 mm	Total Length	2.38m
Meas. from MH (m)	Code	Observation					
0	SN	Start node type: Source					
0	WL	Water level 0% height/diameter					
2.38	BRF	Finish node type, major connection without manhole, reference OUTFALL					

Damage Overview - All Sections

Client - **NADIR RASHID**

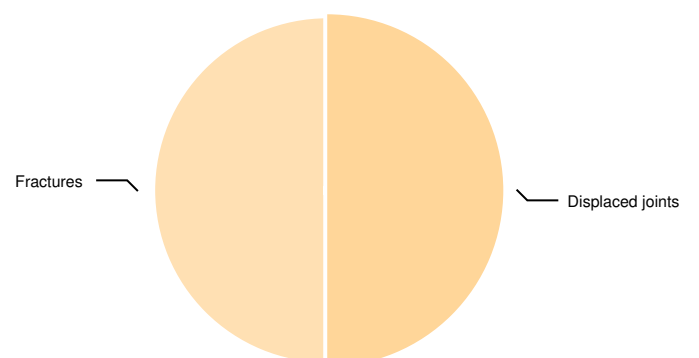
Structural Defect	Quantity
Fractures	1
Displaced joints	1
Defective connections	1

Structural



Service/Operational Defects	Quantity
Fractures	1
Displaced joints	1

Service/Operational



Inspection Summary

Client - **NADIR RASHID**

Node		Section		Expected	Defects			
From	To	Height (mm)	Length (m)	Length (m)	JD	F	CX	Total
MH01	OUTFALL	100	2.81	2.81	0	0	0	0
MH01	MH02	100	0.00	0.00	0	0	0	0
MH01	NODE01	100	0.05	0.05	0	0	0	0
MH01	NODE02	100	0.83	0.83	0	0	0	0
MH01	NODE03	100	0.93	0.93	1	1	0	2
MH01	NODE04	100	2.90	2.90	0	0	0	0
MH02	NODE01	100	0.93	0.93	0	0	0	0
MH02	NODE02	100	7.31	7.31	0	0	1	1
SVP	OUTFALL	100	2.38	2.38	0	0	0	0
Total			18.14	18.14	1	1	1	3

Remarks Summary

Client - **NADIR RASHID**

Job Details and Remarks			
Total distance inspected 25.29	Engineer B.HUGHES	Number of Surveys 9	Number of Grade 4/5 Surveys 0
PLEASE REFER TO SURVEYS FOR ADDITIONAL INFORMATION			

Survey 1 - MH01 to OUTFALL (22/06/2026)	
Pipe Length: 2.81m Inspection Length: 2.81m Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Combined	JOINS MAINS DRAINAGE

Survey 2 - MH01 to MH02 (22/06/2026)	
Pipe Length: 0.00m Inspection Length: 0.00m Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Combined	OK

Survey 3 - MH01 to NODE01 (22/06/2026)	
Pipe Length: 0.05m Inspection Length: 0.05m Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Combined	OK

Survey 4 - MH01 to NODE02 (22/06/2026)	
Pipe Length: 0.83m Inspection Length: 0.83m Structural Grade: 0 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Combined	OK

Survey 5 - MH01 to NODE03 (22/06/2026)	
Pipe Length: 0.93m Inspection Length: 0.93m Structural Grade: 4 Service Grade: 0 Material: Vitrified clay Pipe Size: 100mm Use: Combined	PIPE FRACTURED AT 0.69M, JOINT DISPLACED AT 0.12M

Remarks Summary

Client - **NADIR RASHID**

Survey 6 - MH01 to NODE04 (22/06/2026)

Pipe Length: **2.90m** GULLY IS IN THE BUILDING
Inspection Length: **2.90m**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

Survey 7 - MH02 to NODE01 (22/06/2026)

Pipe Length: **0.93m** OK
Inspection Length: **0.93m**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

Survey 8 - MH02 to NODE02 (22/06/2026)

Pipe Length: **7.31m** POORLY INSTALLED CONNECTION NOTED AT 2.5M
Inspection Length: **7.31m**
Structural Grade: **4**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

Survey 9 - SVP to OUTFALL (22/06/2026)

Pipe Length: **2.38m** WOULD BENEFIT FROM A CLEAN
Inspection Length: **2.38m**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**