

Surveyors name
Certificate Number
System Owner
Survey Customer
Drainage Area
Sheet

P/O No.
Pipeline Segment Reference
Date
Time
Location (Street Name and number)
Locality

Further Location details
Upstream Manhole Number
Rim to Invert
Grade to Invert
Rim to Grade

Downstream Manhole Number
Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer
Direction
Flow Control
Height

Width
Shape
Material
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed
Year Laid
Year Rehabilitated
Tape / Media Number

Purpose
Sewer Category
Pre-Cleaning
Cleaned
Weather
Additional Information

Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/ Descriptor	Modifier/ severity		S/M/L				%	At / From					To
					1st	2nd								
0.0	AMH												Starting Manhole: 3P-M21-S	
0.0	MWL					10								
2.0	CC							7	5		1			
4.5	CL						J	5			2			
18.1	RF						J	3	5			1		
22.4	RM					15	J	2	6			3		
29.4	MWL					20								
51.9	MWL					10								
58.7	DA	E				5	J	7	5			2		
70.9	DA	E				5	J	7	5			2		
91.3	DA	E				5	J	7	5			2		
111.7	DA	E				5	J	7	5			2		
115.6	DA	E				5	J	3	5			2		
119.4	DA	E				5	J	7	5			2		
123.7	DA	E				5	J	6	9			2		
123.7	DA	E				5	J	2	5			2		
139.9	DA	E				5	J	7	5			2		
141.6	MWL					20								
143.9	DA	E				5	J	7	5			2		
152.0	DA	E				5	J	7	5			2		
160.3	DA	E				5	J	7	5			2		
168.4	DA	E				5	J	7	5			2		
168.4	MWL					10								
173.2	TF	C			6			3						
178.4	DA	E				5	J	6	9			2		
182.1	DA	E				5	J	7	5			2		

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Rim to Grade

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Rim to Invert
Grade to Invert
Rim to Grade
Use of Sewer
Direction
Flow Control
Height

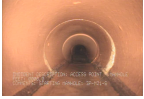

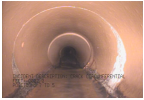









Width
Shape
Material
Ln. Method
Pipe Joint Length
Total Length
Length Surveyed
Year Laid
Year Rehabilitated
Tape / Media Number

Purpose
Sewer Category
Pre-Cleaning
Cleaned
Weather
Additional Information










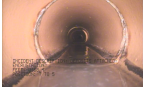

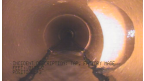
Distance (Feet)	Code		Continuous defect	Value			Joint	Circumferential Location		Image Ref.	Struct. Grade	O&M Grade	Remarks	
	Group/Descriptor	Modifier/severity		S/M/L				%	At / From					To
					1st	2nd								
190.7	DA	E				5	J	7	5			2		
198.8	DA	E				5	J	7	5			2		
202.7	DA	E				5	J	7	11			2		
219.1	DA	E				5	J	7	3			2		
222.8	DA	E				5	J	7	5			2		
234.6	DA	E				5	J	7	5			2		
275.4	DA	E				5	J	7	11			2		
275.4	DA	E				5	J	2	5			2		
293.0	AMH												Ending Manhole 3P-M22-S	

Segment	Structural									O & M						Overall								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Rating	Quick	Index
3P-M21-S-3P-M22-S-Sherman Avenue	1	2	0	0	0	3	2111	1.5	1	46	3	0	0	50	312C	2.0	2	48	3	0	0	53	312C	2.0

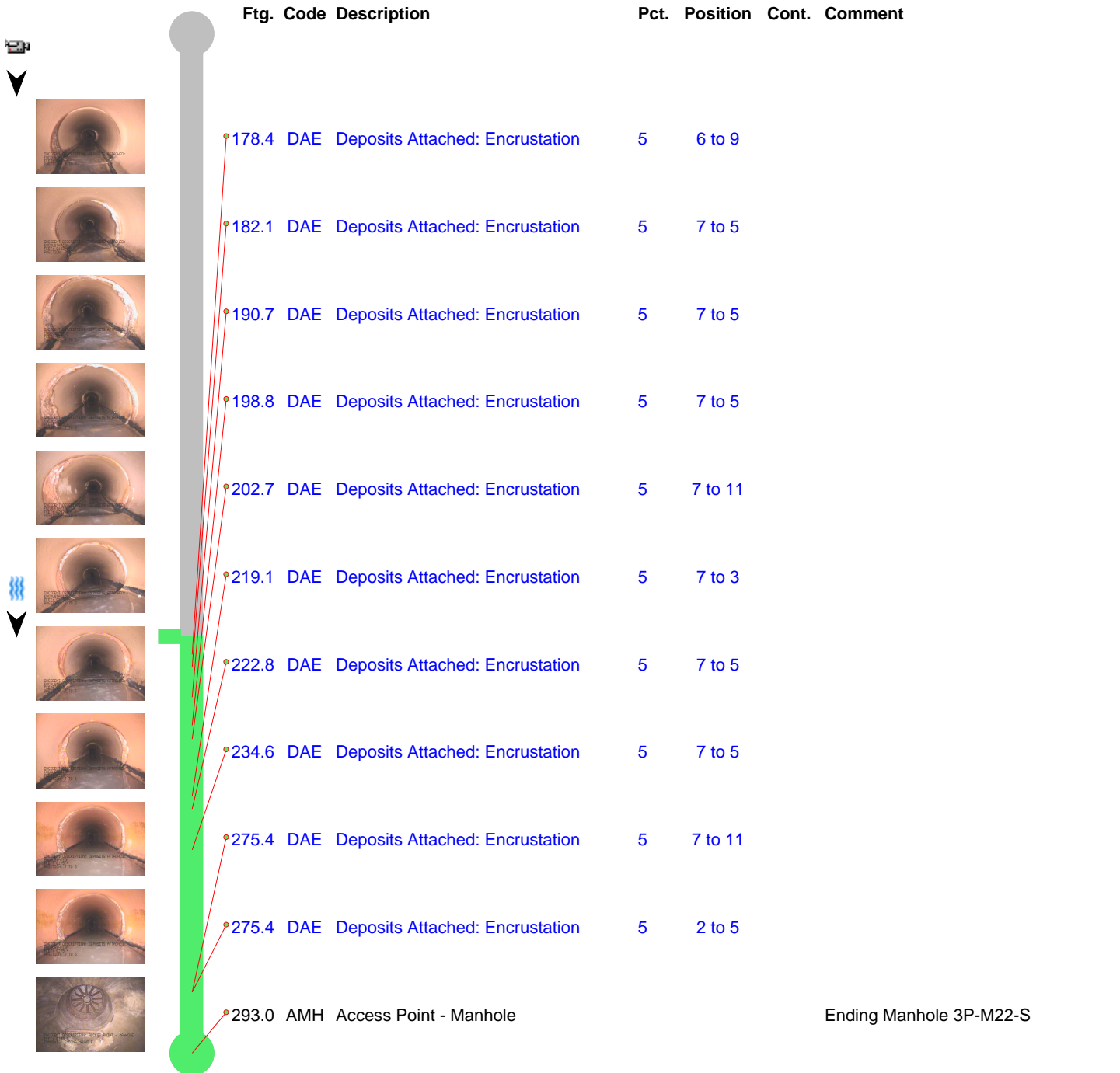
Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
Surveyor's Name Jakub Kawa	Certificate Number U 215 06023260	Street Address Sherman Avenue		Location Details	
Direction Downstream	Purpose Routine Assessment	Weather Saturated	Date 20191021	Time 09:43	Length Surveyed 293
Additional Information					

	Ftg. Code	Description	Pct.	Position	Cont.	Comment
	0.0	AMH Access Point - Manhole				Starting Manhole: 3P-M21-S
	0.0	MWL Water Level	10			
	2.0	CC Crack Circumferential		7 to 5		
	4.5	CL Crack Longitudinal		5		
	18.1	RFJ Roots, Fine: Joint		3 to 5		
	22.4	RMJ Roots, Medium, Joint	15	2 to 6		
	29.4	MWL Water Level	20			
	51.9	MWL Water Level	10			
	58.7	DAE Deposits Attached: Encrustation	5	7 to 5		
	70.9	DAE Deposits Attached: Encrustation	5	7 to 5		
	91.3	DAE Deposits Attached: Encrustation	5	7 to 5		
	111.7	DAE Deposits Attached: Encrustation	5	7 to 5		

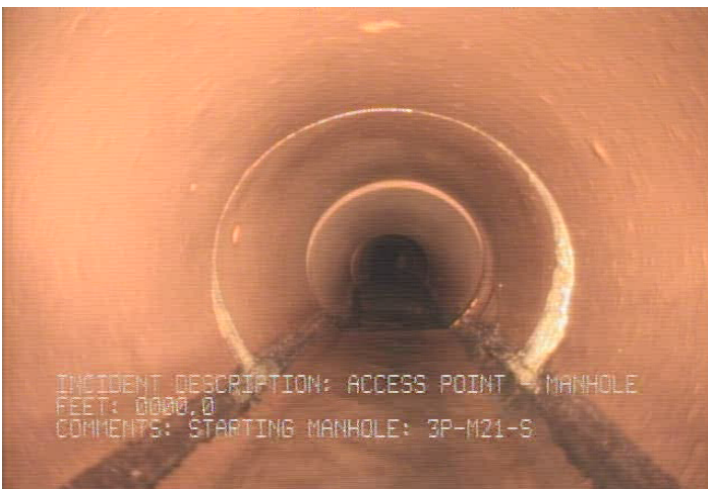
Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
Surveyor's Name Jakub Kawa	Certificate Number U 215 06023260	Street Address Sherman Avenue		Location Details	
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Additional Information					

	Ftg. Code	Description	Pct.	Position	Cont.	Comment
	115.6	DAE Deposits Attached: Encrustation	5	3 to 5		
	119.4	DAE Deposits Attached: Encrustation	5	7 to 5		
	123.7	DAE Deposits Attached: Encrustation	5	6 to 9		
	123.7	DAE Deposits Attached: Encrustation	5	2 to 5		
	139.9	DAE Deposits Attached: Encrustation	5	7 to 5		
	141.6	MWL Water Level	20			
	143.9	DAE Deposits Attached: Encrustation	5	7 to 5		
	152.0	DAE Deposits Attached: Encrustation	5	7 to 5		
	160.3	DAE Deposits Attached: Encrustation	5	7 to 5		
	168.4	DAE Deposits Attached: Encrustation	5	7 to 5		
	168.4	MWL Water Level	10			
	173.2	TFC Tap, Factory Made: Capped		3		

Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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Direction Downstream	Purpose Routine Assessment	Weather Saturated	Date 20191021	Time 09:43	Length Surveyed 293
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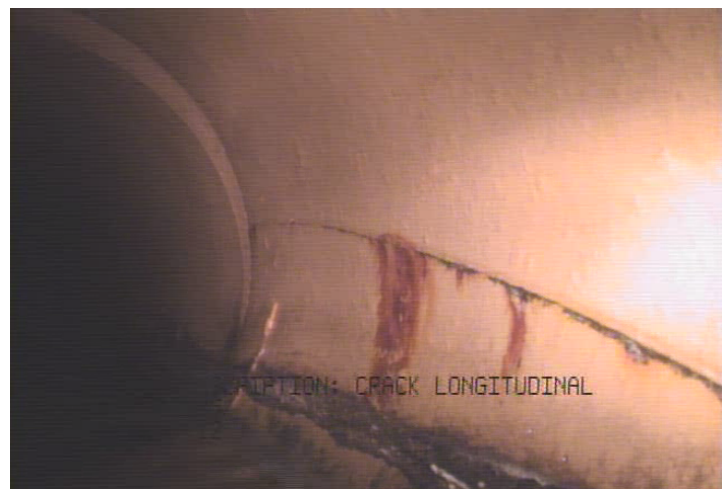
AMH - Access Point - Manhole @ 0.0 ft.
 Starting Manhole: 3P-M21-S



MWL - Water Level @ 0.0 ft.



CC - Crack Circumferential @ 2.0 ft.



CL - Crack Longitudinal @ 4.5 ft.

Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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RFJ - Roots, Fine: Joint @ 18.1 ft.



RMJ - Roots, Medium, Joint @ 22.4 ft.



MWL - Water Level @ 29.4 ft.



MWL - Water Level @ 51.9 ft.

Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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Direction Downstream	Purpose Routine Assessment	Weather Saturated	Date 20191021	Time 09:43	Length Surveyed 293
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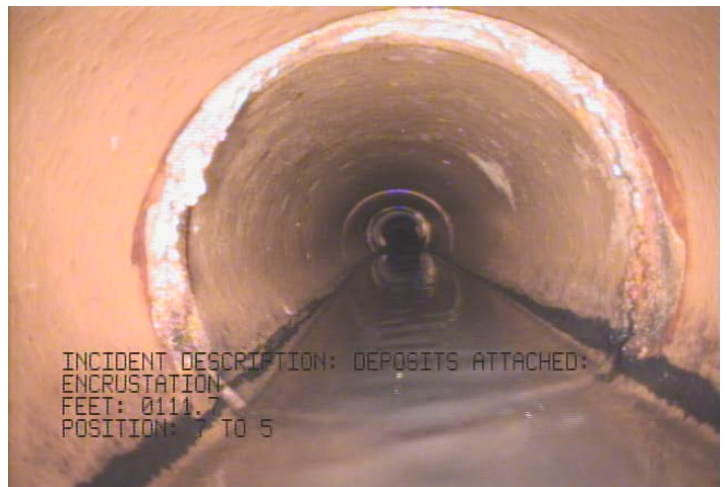
DAE - Deposits Attached: Encrustation @ 58.7 ft.



DAE - Deposits Attached: Encrustation @ 70.9 ft.

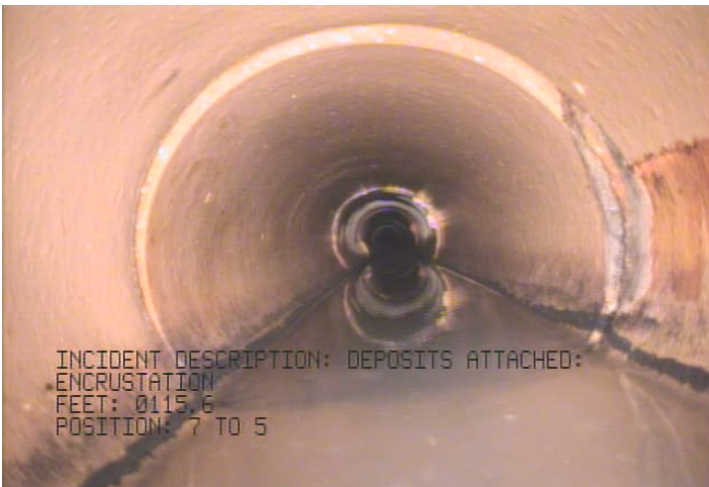


DAE - Deposits Attached: Encrustation @ 91.3 ft.



DAE - Deposits Attached: Encrustation @ 111.7 ft.

Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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DAE - Deposits Attached: Encrustation @ 115.6 ft.



DAE - Deposits Attached: Encrustation @ 119.4 ft.



DAE - Deposits Attached: Encrustation @ 123.7 ft.



DAE - Deposits Attached: Encrustation @ 123.7 ft.

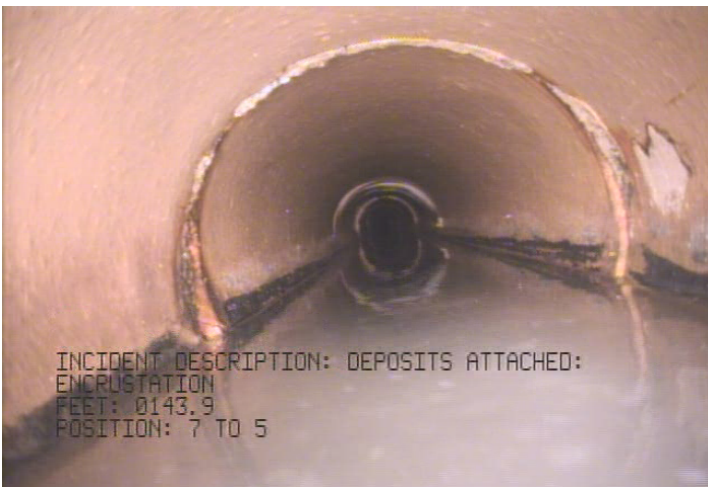
Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
Surveyor's Name Jakub Kawa	Certificate Number U 215 06023260	Street Address Sherman Avenue		Location Details	
Direction Downstream	Purpose Routine Assessment	Weather Saturated	Date 20191021	Time 09:43	Length Surveyed 293
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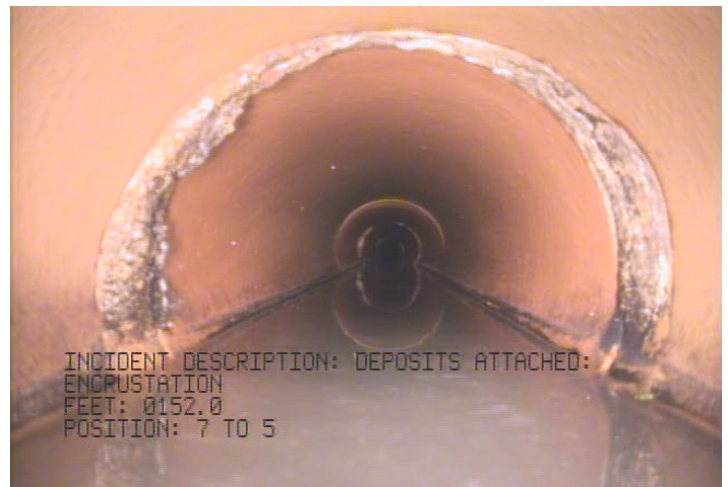
DAE - Deposits Attached: Encrustation @ 139.9 ft.



MWL - Water Level @ 141.6 ft.

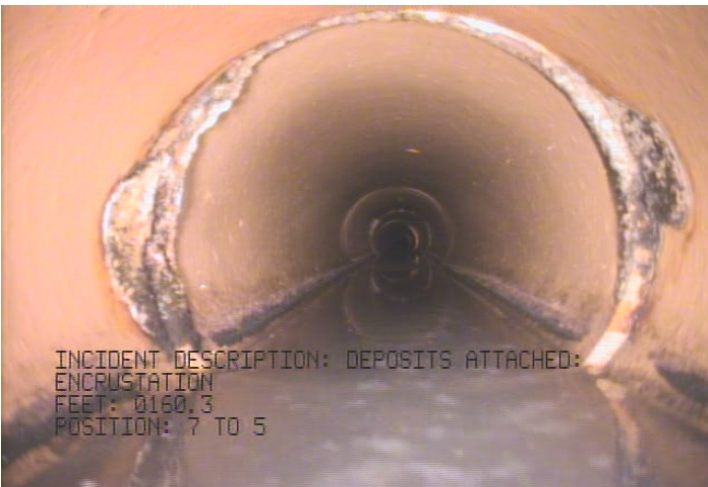


DAE - Deposits Attached: Encrustation @ 143.9 ft.



DAE - Deposits Attached: Encrustation @ 152.0 ft.

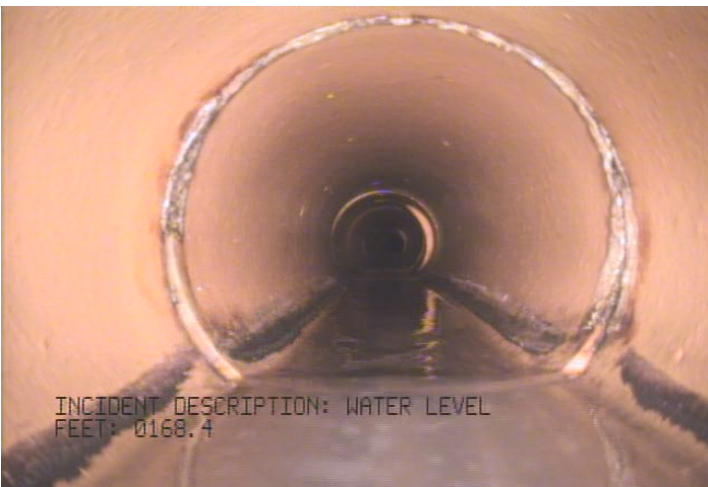
Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
Surveyor's Name Jakub Kawa		Certificate Number U 215 06023260	Street Address Sherman Avenue	Location Details	
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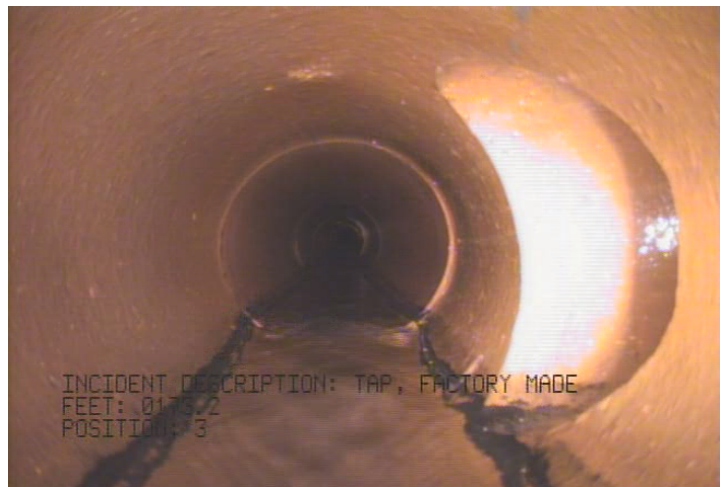
DAE - Deposits Attached: Encrustation @ 160.3 ft.



DAE - Deposits Attached: Encrustation @ 168.4 ft.



MWL - Water Level @ 168.4 ft.



TFC - Tap, Factory Made: Capped @ 173.2 ft.

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DAE - Deposits Attached: Encrustation @ 178.4 ft.



DAE - Deposits Attached: Encrustation @ 182.1 ft.



DAE - Deposits Attached: Encrustation @ 190.7 ft.



DAE - Deposits Attached: Encrustation @ 198.8 ft.

Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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DAE - Deposits Attached: Encrustation @ 202.7 ft.



DAE - Deposits Attached: Encrustation @ 219.1 ft.

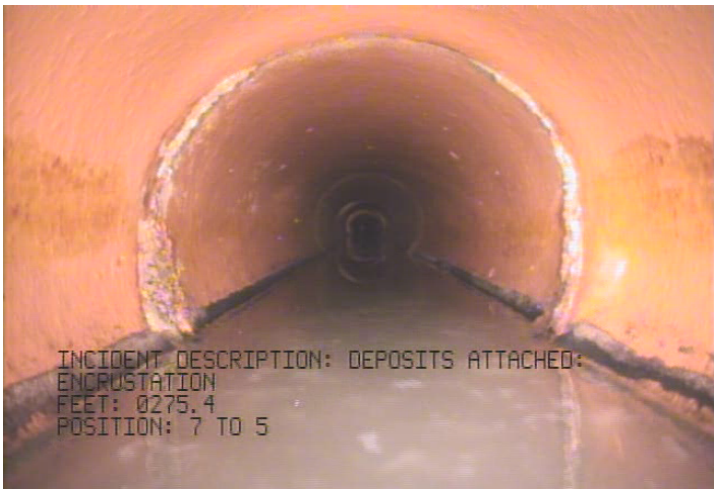


DAE - Deposits Attached: Encrustation @ 222.8 ft.



DAE - Deposits Attached: Encrustation @ 234.6 ft.

Upstream MH 3P-M21-S	Downstream MH 3P-M22-S	Size 8	Material Vitrified Clay Pipe	Total Length	City Geneva
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Additional Information					



DAE - Deposits Attached: Encrustation @ 275.4 ft.

DAE - Deposits Attached: Encrustation @ 275.4 ft.



AMH - Access Point - Manhole @ 293.0 ft.
 Ending Manhole 3P-M22-S