

# Inspection Report

Produced on behalf of – redacted

Site location – redacted

Survey reference – 17

Date – 03/24/2021

Adirondack Septic Tank, Inc.

4720 NY-30, Amsterdam, NY/Montgomery

12010, USA

518-842-1322



SAMPLE

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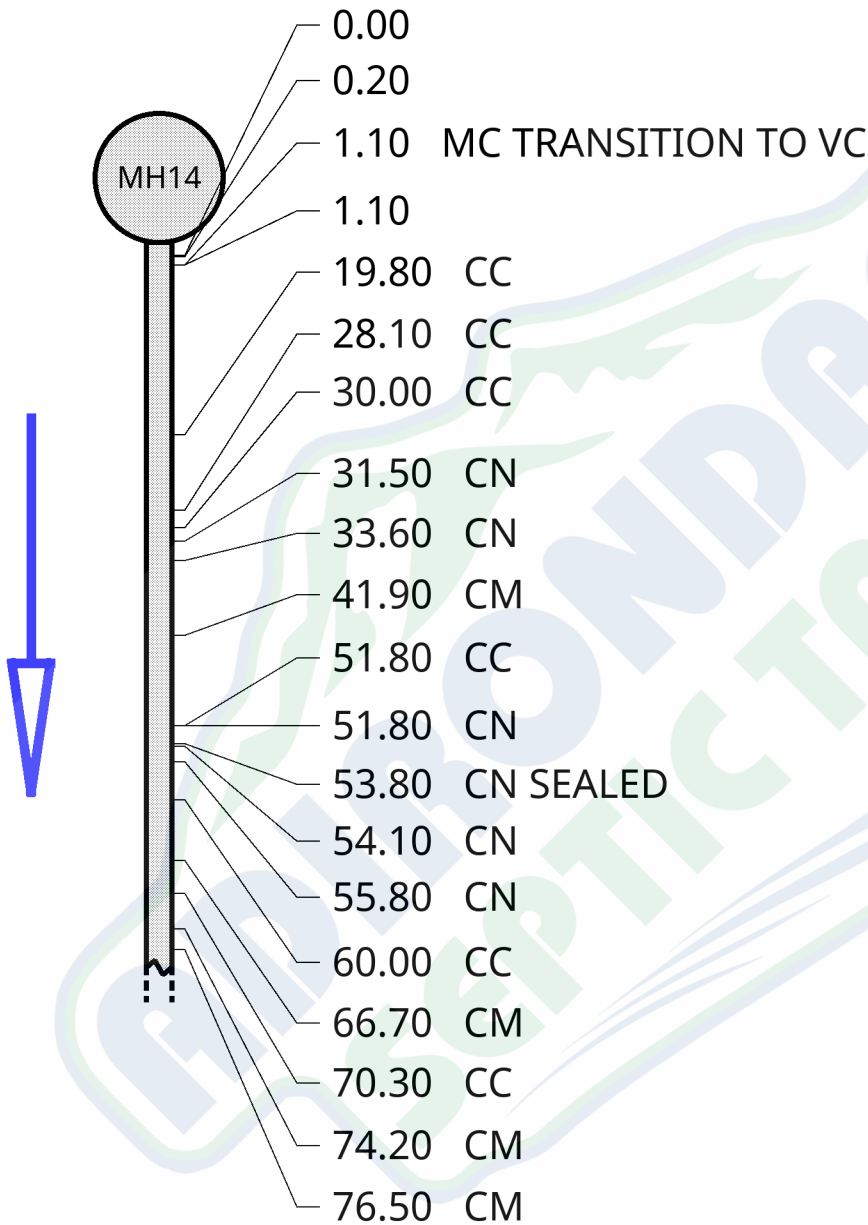
# SAMPLE

# 1 Drain / Sewer Survey

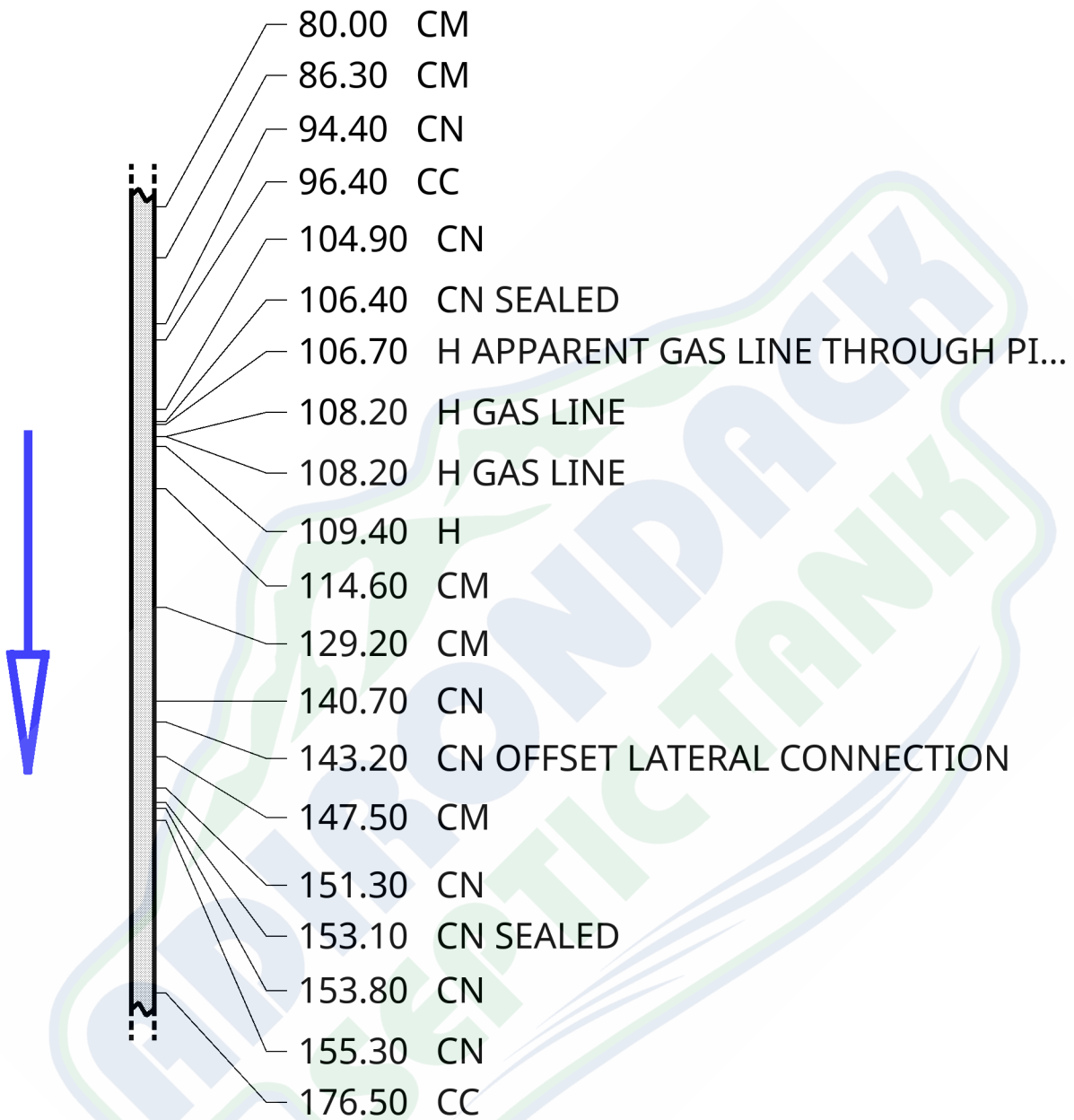
## 1.1 Survey Header

1.1.1	Surveyed by (Operator)	JZ/DZ
1.1.2	Contract no.	
1.1.3	Job no.	17
1.1.4	Catchment (Drainage area)	
1.1.5	Division	
1.1.6	District	
1.1.7	Pipeline length ref	--
1.1.8	Date	240321
1.1.9	Time	10:26
1.1.10	Location	
1.1.11	Start manhole no.	MH14
1.1.12	Start depth	7'6"
1.1.13	Start cover level	
1.1.14	Start invert level	
1.1.15	Finish manhole no.	MH16
1.1.16	Finish depth	6'4"
1.1.17	Finish cover level	
1.1.18	Finish invert level	
1.1.19	Use of Drain	F
1.1.20	Direction	D
1.1.21	Size 1 (diameter/height)	10"
1.1.22	Size 2 (width)	10"
1.1.23	Shape	C
1.1.24	Material	VC
1.1.25	Lining	
1.1.26	Pipe length	
1.1.27	Total length	345.1
1.1.28	Year laid	
1.1.29	Video cassette number	
1.1.30	Comments: General	
1.1.31	Purpose	A
1.1.32	Sewer category	A
1.1.33	Pre-cleaning	Y
1.1.34	Weather	3
1.1.35	Location code	A
1.1.36	Further location details	

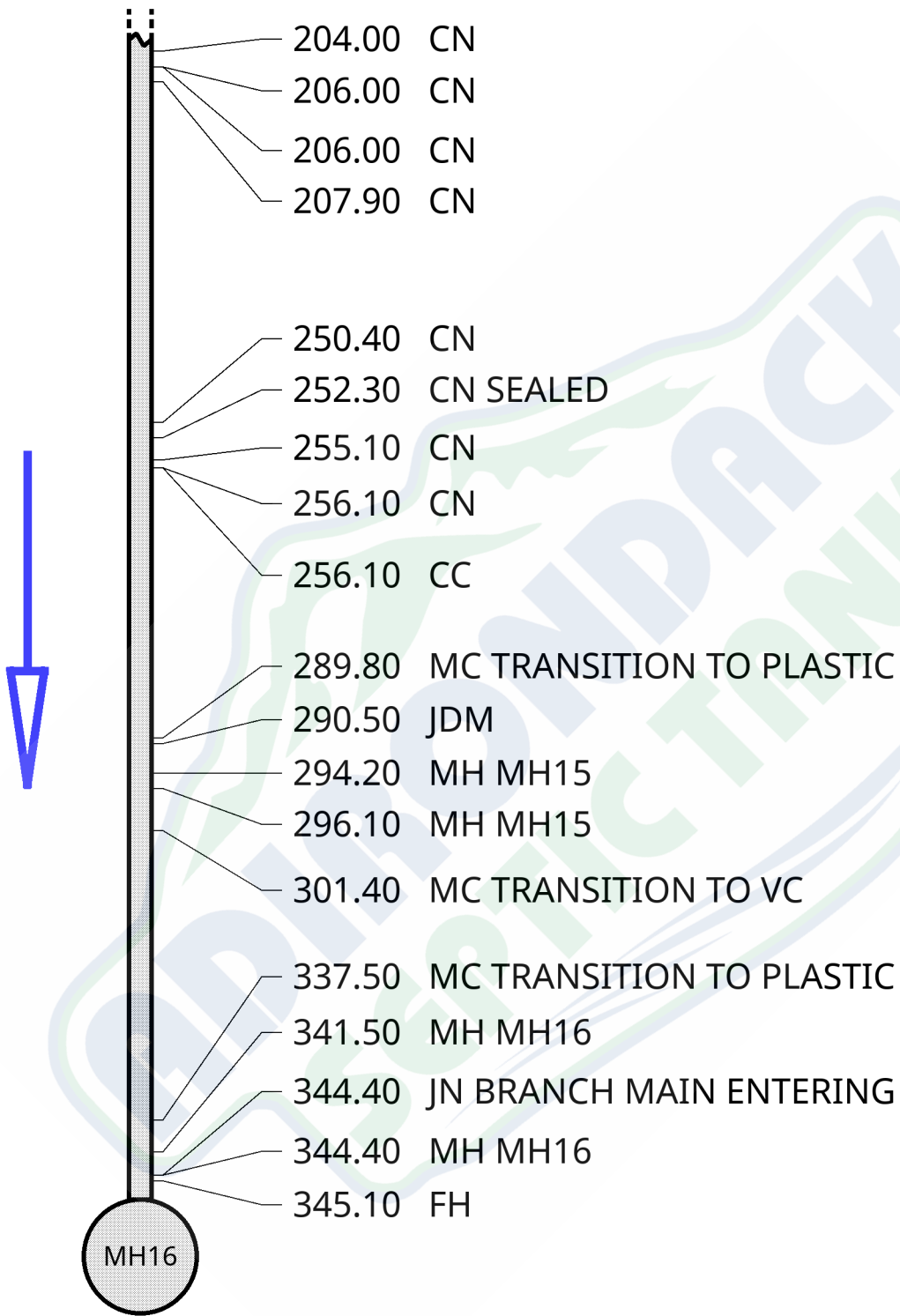
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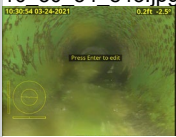

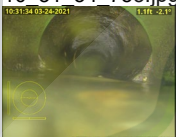
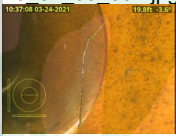
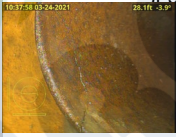


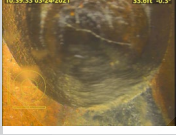
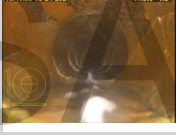




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### 1.3 Observations

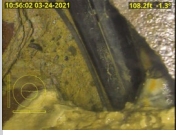

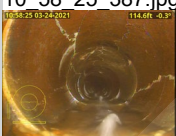



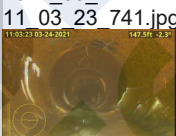


Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
0:00:02	0.2			2021_03_24-10_30_54_843.jpg 						
0:00:26	1.1		MC	2021_03_24-10_31_21_973.jpg 						TRANSITION TO VC
0:00:28	1.1			2021_03_24-10_31_34_753.jpg 						
0:03:12	19.8		CC	2021_03_24-10_37_09_004.jpg 		01	06			
0:03:53	28.1		CC	2021_03_24-10_37_58_936.jpg 		06	11			
0:04:16	30.0		CC	2021_03_24-10_38_30_993.jpg 		02	05			
0:04:36	31.5		CN	2021_03_24-10_39_02_202.jpg 	4"	03				
0:04:59	33.6		CN	2021_03_24-10_39_33_663.jpg 	4"	12				
0:05:48	41.9		CM	2021_03_24-10_40_33_173.jpg 		08	03			
0:06:27	51.8		CC	2021_03_24-10_41_26_782.jpg 		01	03			

Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:06:28	51.8		CN	2021_03_24-10_41_39_255.jpg 	4"	02				
0:06:46	53.8		CN	2021_03_24-10_42_05_912.jpg 	4"	12				SEALED
0:07:02	54.1		CN	2021_03_24-10_42_37_879.jpg 	4"	11				
0:07:28	55.8		CN	2021_03_24-10_43_14_155.jpg 	4"	12				
0:08:04	60.0		CC	2021_03_24-10_43_56_970.jpg 		02	06			
0:08:38	66.7		CM	2021_03_24-10_44_40_519.jpg 		12	12			
0:09:14	70.3		CC	2021_03_24-10_45_37_842.jpg 		07	10			
0:09:53	74.2		CM	2021_03_24-10_46_29_294.jpg 		09	02			
0:10:15	76.5		CM	2021_03_24-10_47_21_277.jpg		01	05			

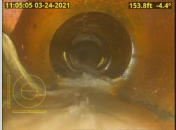
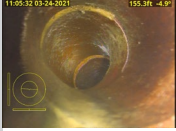

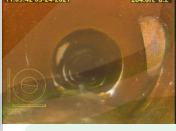
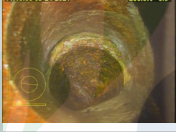

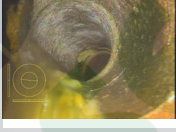
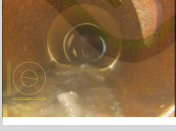
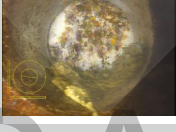
SAMPLE





Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:17:04	109.4		H	2021_03_24-10_57_24_560.jpg 		12	12			
0:17:56	114.6		CM	2021_03_24-10_58_25_387.jpg 		12	12			
0:19:41	129.2		CM	2021_03_24-11_00_36_949.jpg 		01	11			
0:20:24	140.7		CN	2021_03_24-11_01_43_182.jpg 	4"	01				
0:20:59	143.2		CN	2021_03_24-11_02_27_490.jpg 	4"	12				OFFSET LATERAL CONNECTION
0:21:28	147.5		CM	2021_03_24-11_03_23_741.jpg 		01	11			
0:21:51	151.3		CN	2021_03_24-11_03_54_397.jpg 	4"	02				
0:22:21	153.1		CN	2021_03_24-11_04_31_447.jpg 	4"	12				SEALED
0:22:43	153.8		CN	2021_03_24-11_05_06_066.jpg	4"	10				




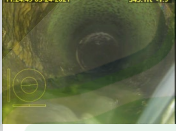
SAMPLE

Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:22:57	155.3		CN	2021_03_24-11_05_32_454.jpg 	4"	12				
0:24:19	176.5		CC	2021_03_24-11_07_04_410.jpg 		05	11			
0:26:42	204.0		CN	2021_03_24-11_09_42_810.jpg 	4"	03				
0:26:56	206.0		CN	2021_03_24-11_10_06_085.jpg 	4"	12				
0:27:18	206.0		CN	2021_03_24-11_10_34_542.jpg 	4"	10				
0:27:37	207.9		CN	2021_03_24-11_11_05_180.jpg 	4"	12				
0:30:00	250.4		CN	2021_03_24-11_13_37_569.jpg 	4"	02				
0:30:15	252.3		CN	2021_03_24-11_14_03_696.jpg 	4"	12				SEALED
0:30:54	255.1		CN	2021_03_24-11_14_55_603.jpg	4"	10				

SAMPLE

Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:31:14	256.1		CN	2021_03_24-11_15_29_650.jpg 	4"	12				
0:31:28	256.1		CC	2021_03_24-11_15_51_995.jpg 		03	05			
0:33:06	289.8		MC	2021_03_24-11_17_41_250.jpg 						TRANSITION TO PLASTIC
0:33:14	290.5		JDM	2021_03_24-11_18_03_511.jpg 						
0:33:47	294.2		MH	2021_03_24-11_18_42_504.jpg 						MH15
0:34:18	296.1		MH	2021_03_24-11_19_22_003.jpg 						MH15
0:34:51	301.4		MC	2021_03_24-11_20_06_953.jpg 						TRANSITION TO VC
0:36:42	337.5		MC	2021_03_24-11_22_20_961.jpg 						TRANSITION TO PLASTIC
0:37:01	341.5		MH	2021_03_24-11_23_04_237.jpg						MH16

SAMPLE

Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:37:10	344.4		JN	2021_03_24-11_23_22_097.jpg 	8"	03				BRANCH MAIN ENTERING
0:37:21	344.4		MH	2021_03_24-11_24_21_119.jpg 						MH16
0:37:42	345.1		FH	2021_03_24-11_24_50_093.jpg 						

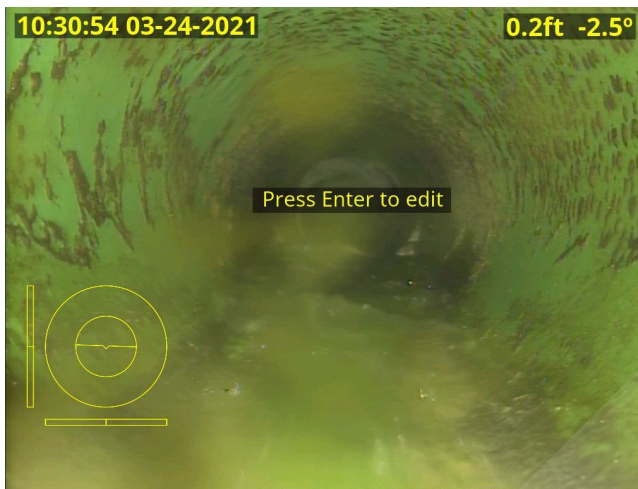


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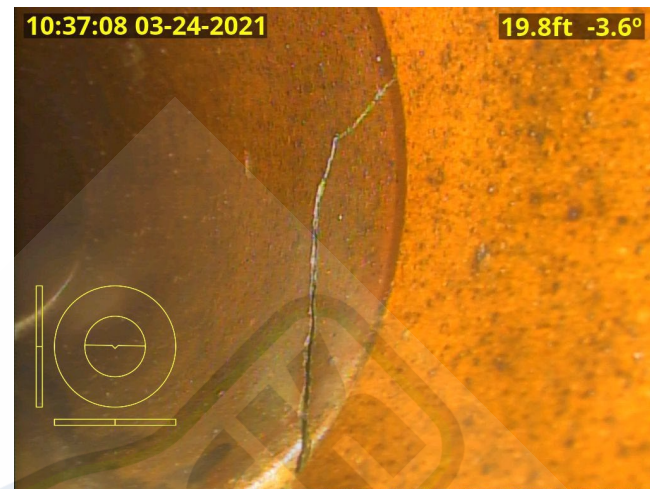


## 1.4 Photographs

2021\_03\_24-10\_30\_54\_843.jpg



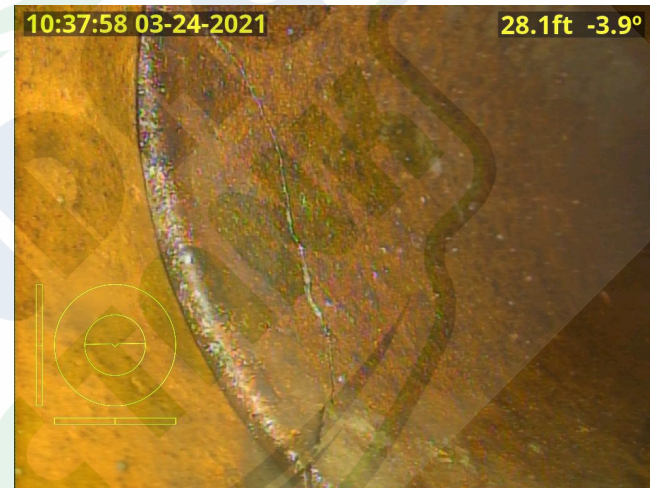
CC 2021\_03\_24-10\_37\_09\_004.jpg



MC 2021\_03\_24-10\_31\_21\_973.jpg



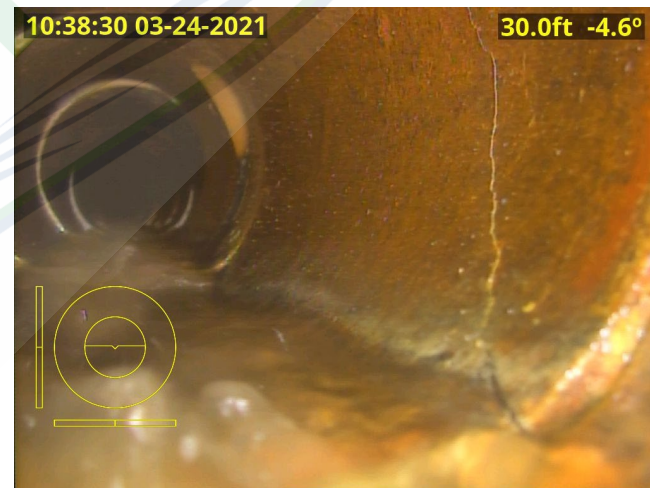
CC 2021\_03\_24-10\_37\_58\_936.jpg



2021\_03\_24-10\_31\_34\_753.jpg



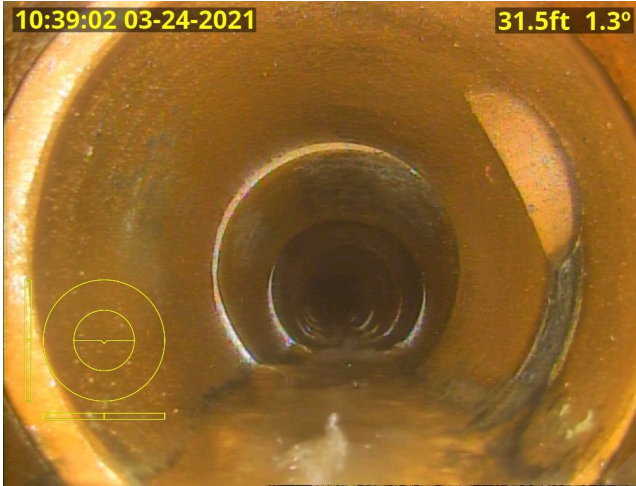
CC 2021\_03\_24-10\_38\_30\_993.jpg



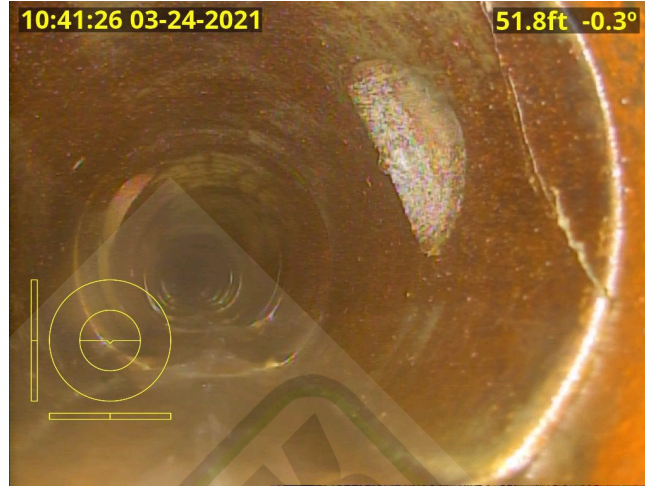
# SAMPLE



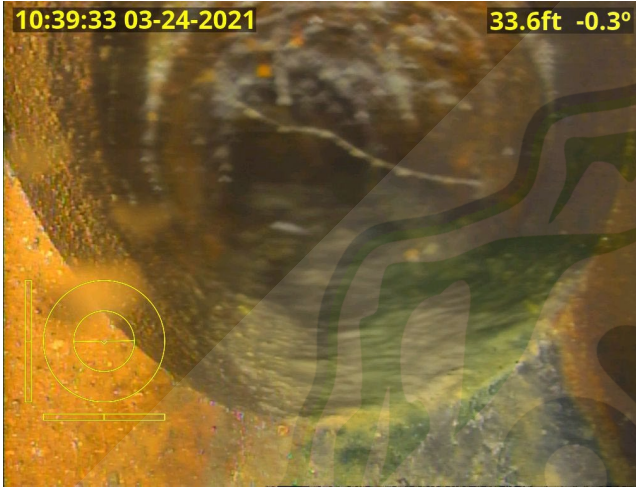
CN 2021\_03\_24-10\_39\_02\_202.jpg



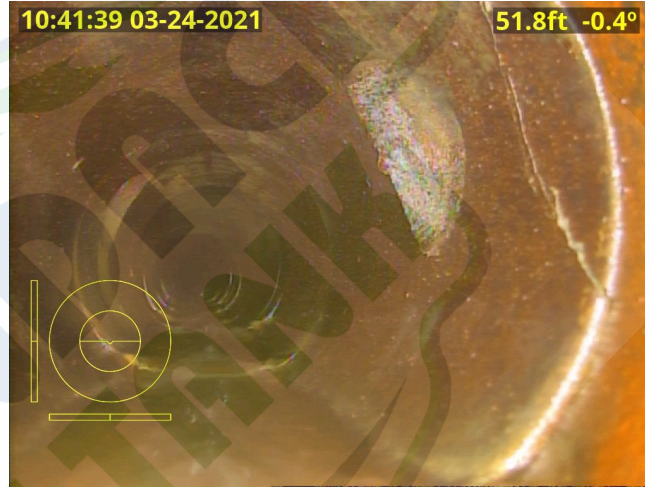
CC 2021\_03\_24-10\_41\_26\_782.jpg



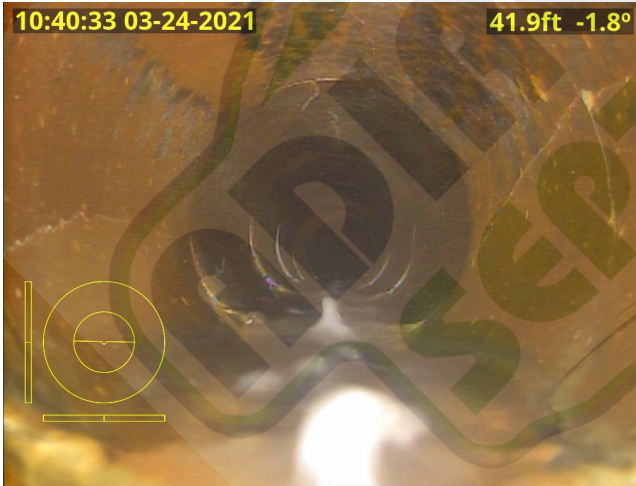
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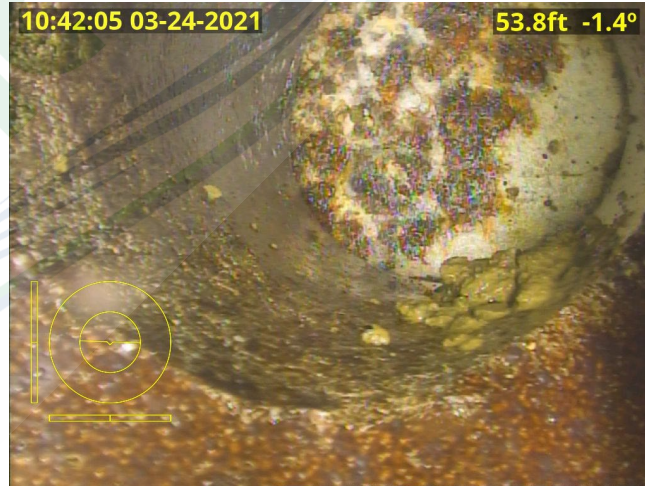
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CM 2021\_03\_24-10\_40\_33\_173.jpg



CN 2021\_03\_24-10\_42\_05\_912.jpg



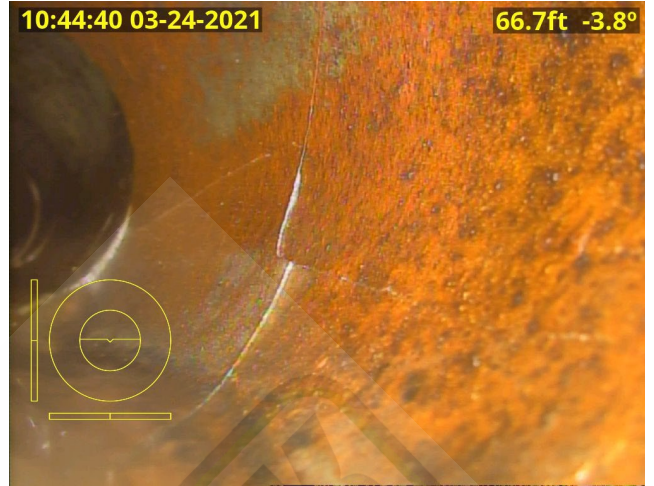
SAMPLE



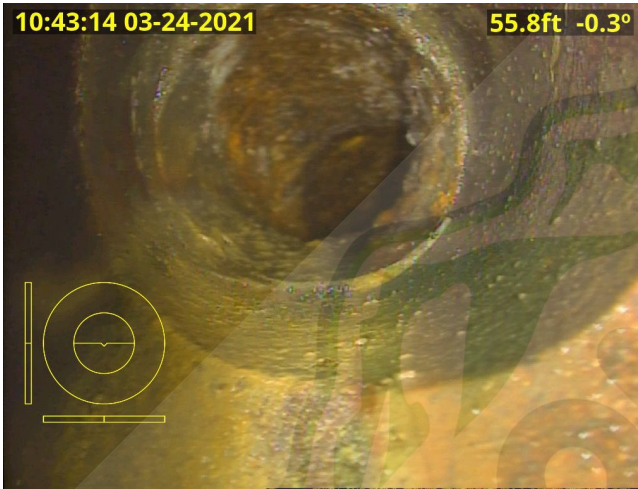
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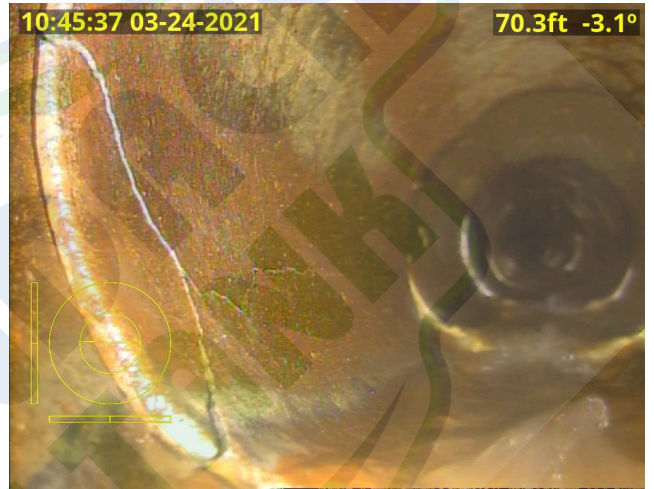
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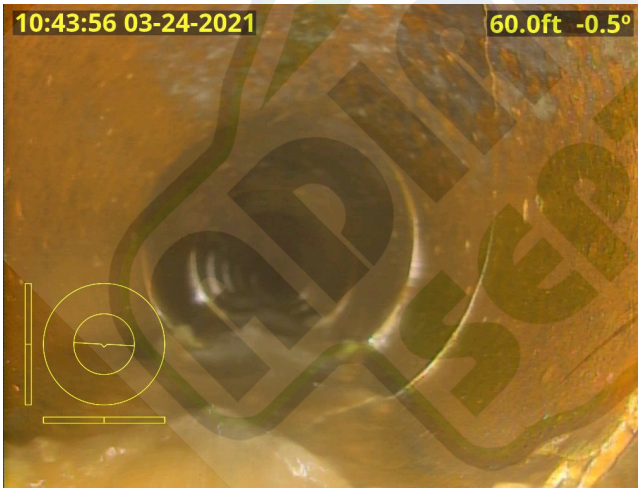
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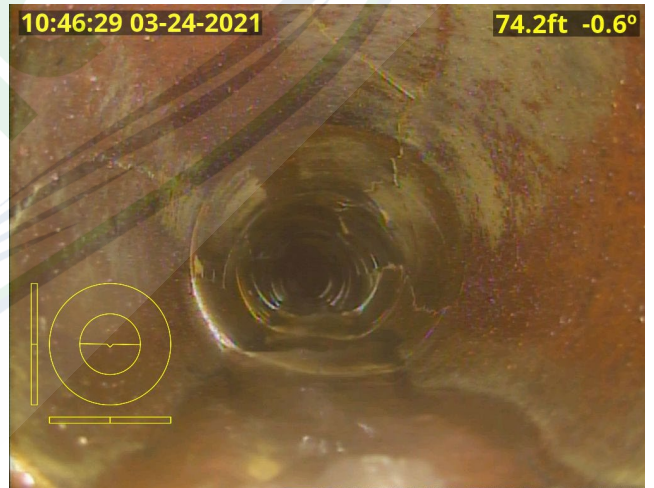
CC 2021\_03\_24-10\_45\_37\_842.jpg



CC 2021\_03\_24-10\_43\_56\_970.jpg



CM 2021\_03\_24-10\_46\_29\_294.jpg



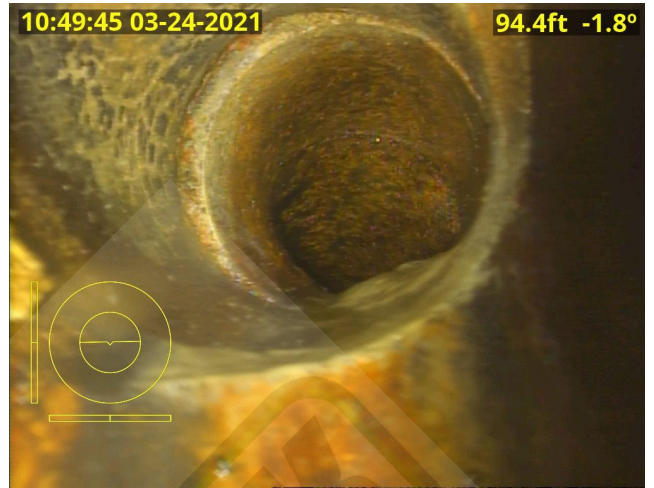
SAMPLE



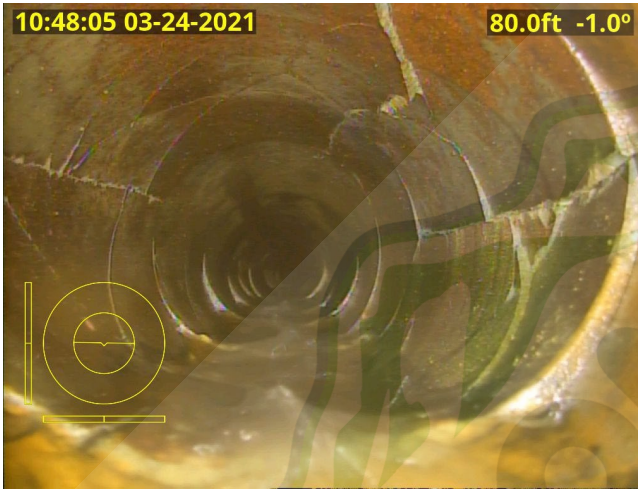
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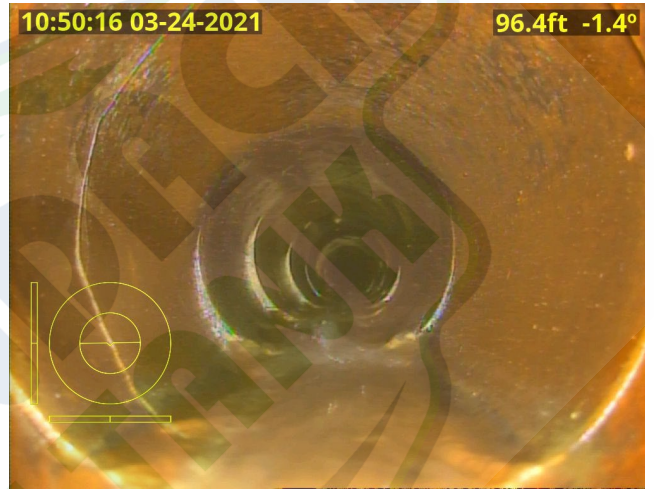
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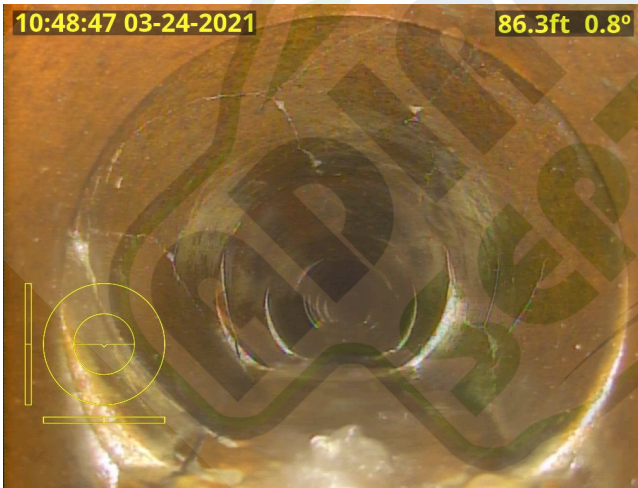
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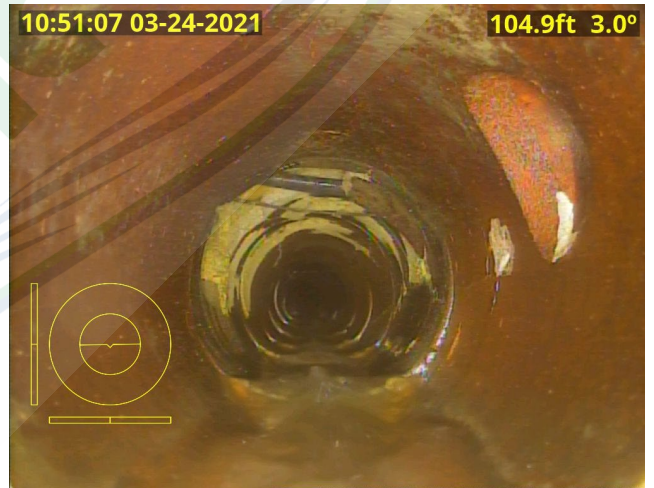
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CM 2021\_03\_24-10\_48\_47\_819.jpg



CN 2021\_03\_24-10\_51\_07\_467.jpg



SAMPLE



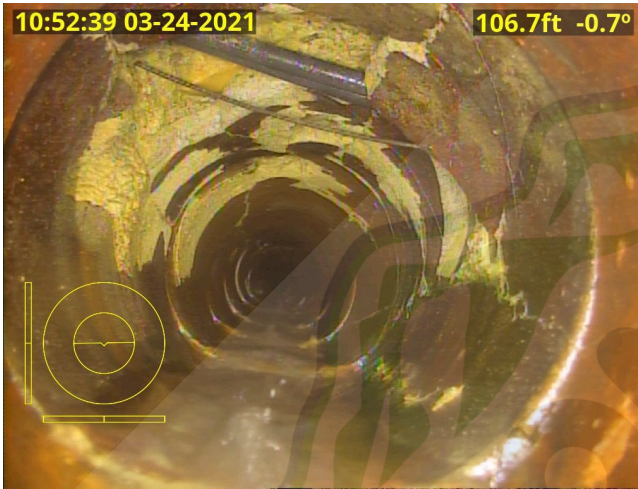
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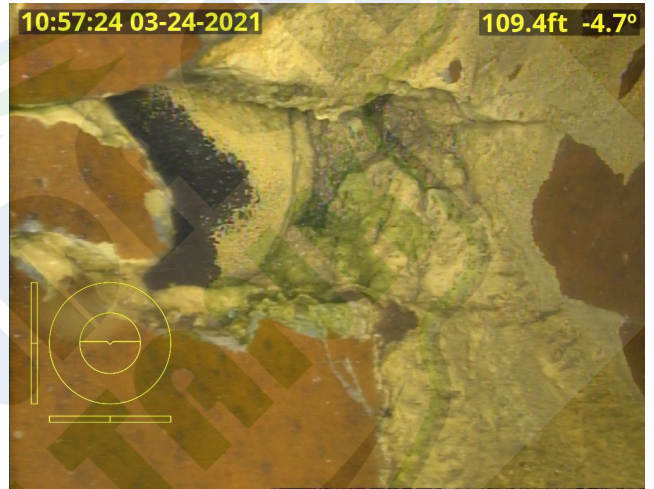
H 2021\_03\_24-10\_56\_02\_644.jpg



H 2021\_03\_24-10\_52\_39\_639.jpg



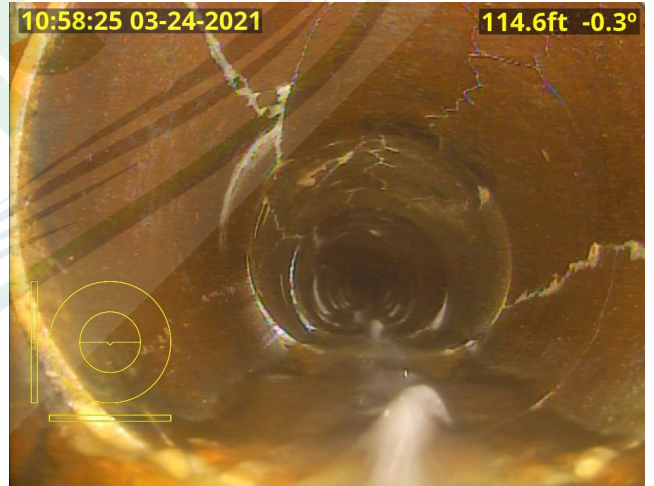
H 2021\_03\_24-10\_57\_24\_560.jpg



H 2021\_03\_24-10\_55\_36\_144.jpg



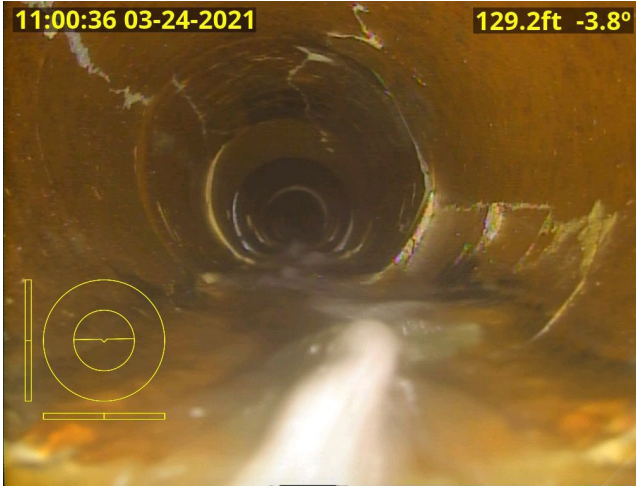
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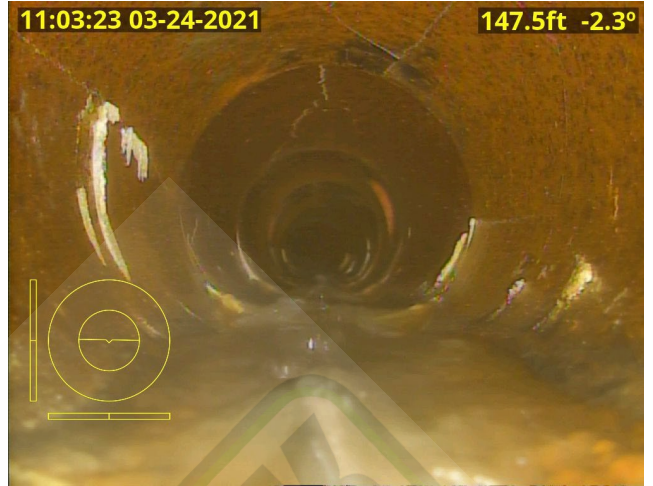
SAMPLE



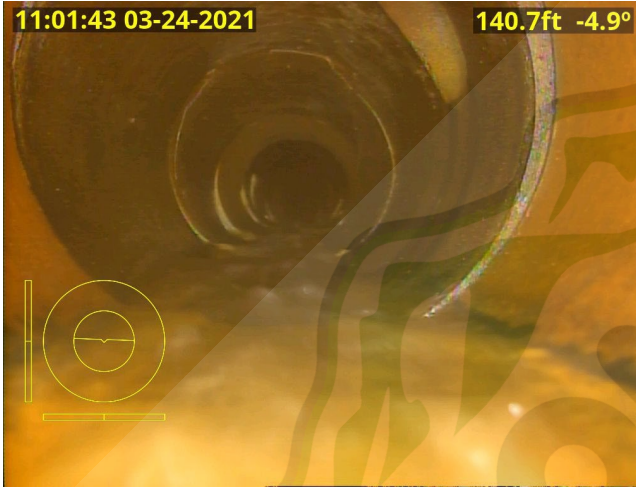
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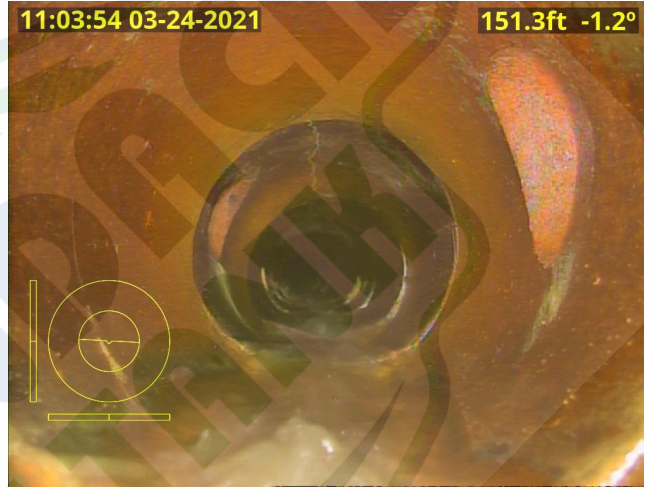
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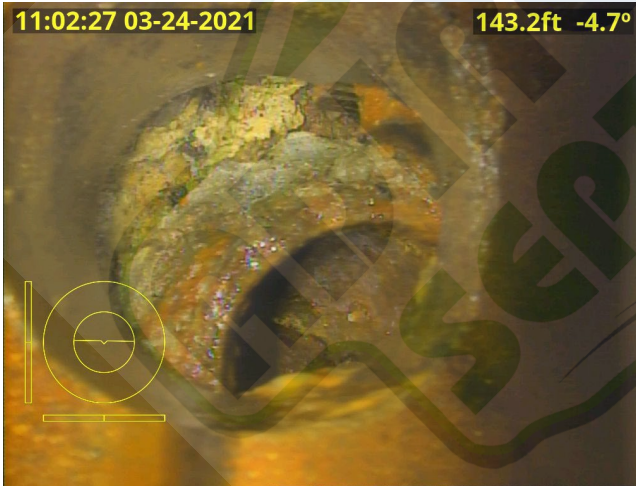
CN 2021\_03\_24-11\_01\_43\_182.jpg



CN 2021\_03\_24-11\_03\_54\_397.jpg



CN 2021\_03\_24-11\_02\_27\_490.jpg



CN 2021\_03\_24-11\_04\_31\_447.jpg



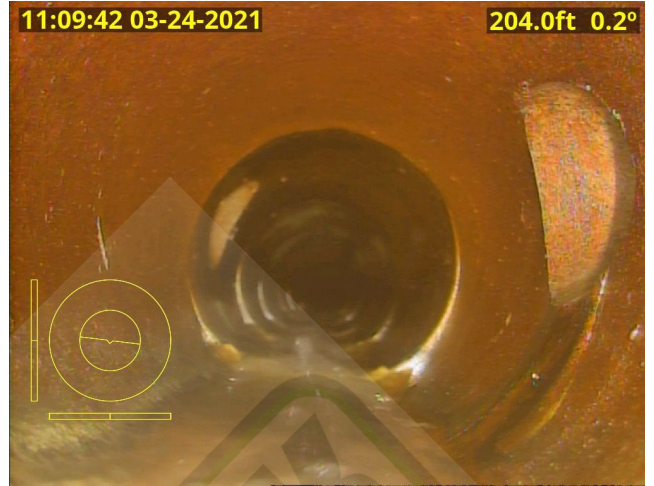
SAMPLE



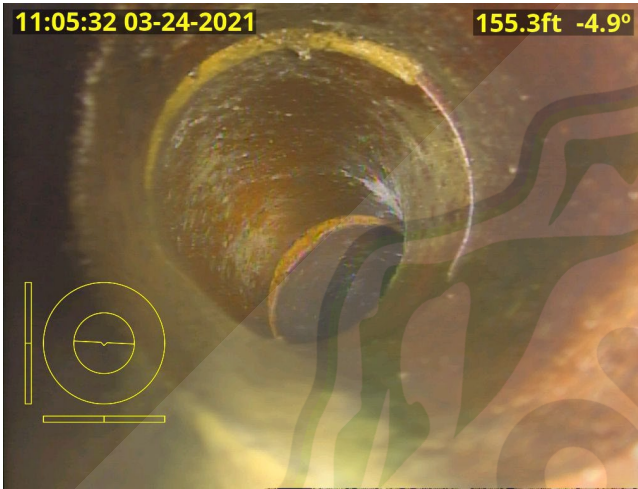
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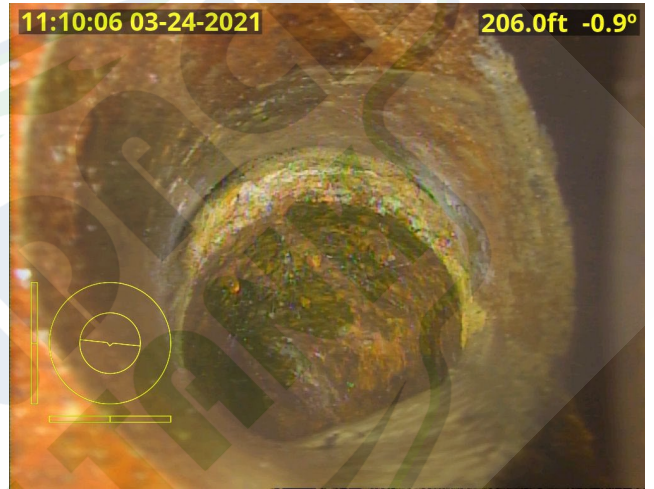
CN 2021\_03\_24-11\_09\_42\_810.jpg



CN 2021\_03\_24-11\_05\_32\_454.jpg



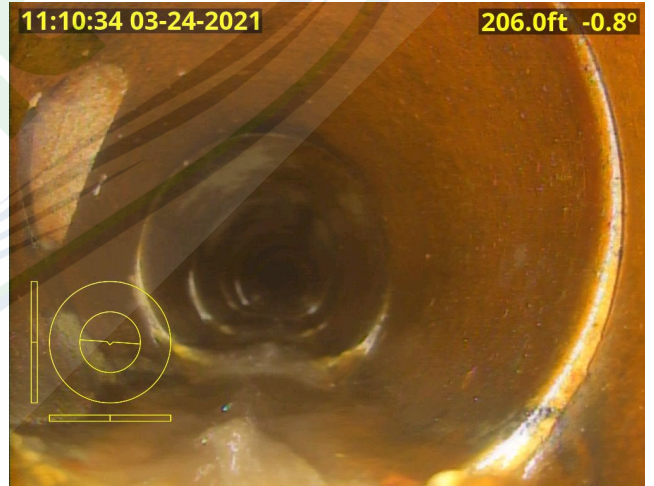
CN 2021\_03\_24-11\_10\_06\_085.jpg



CC 2021\_03\_24-11\_07\_04\_410.jpg



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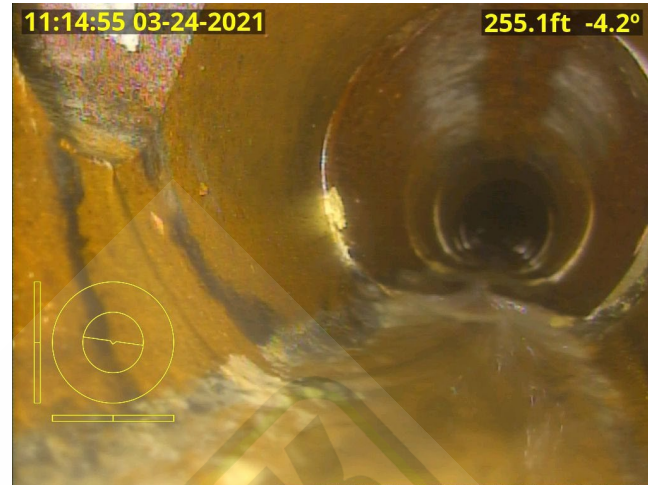
SAMPLE



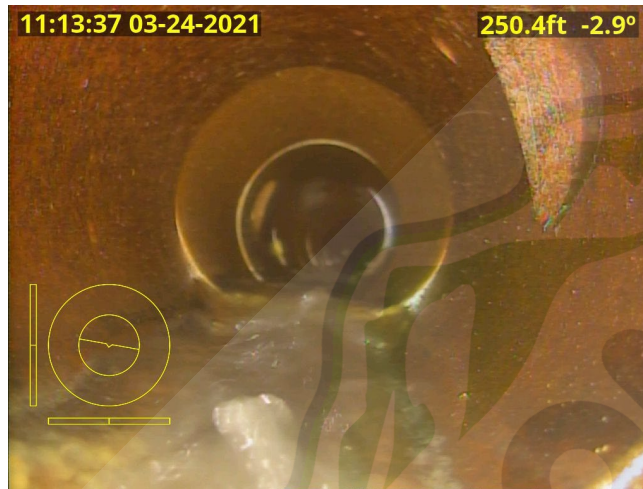
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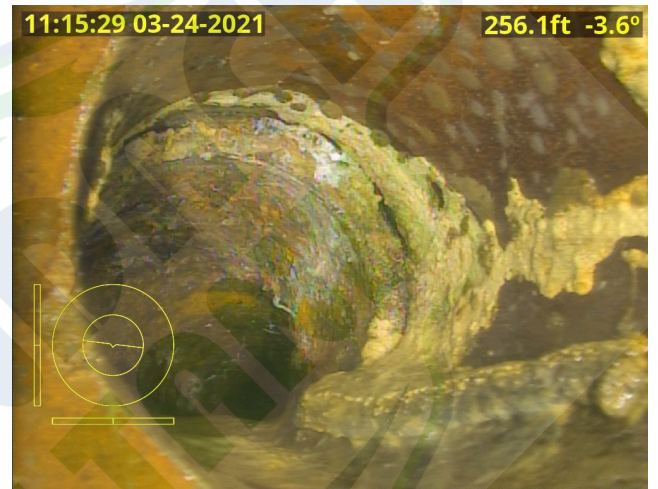
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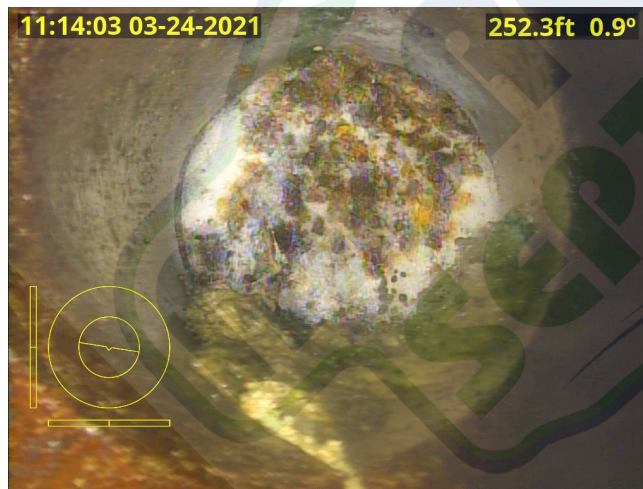
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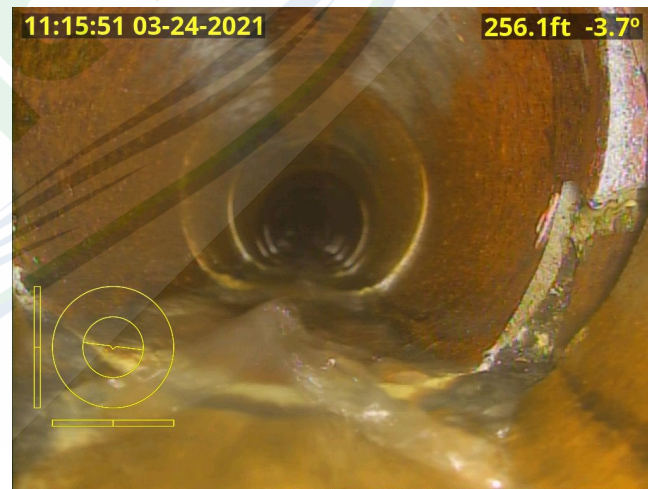
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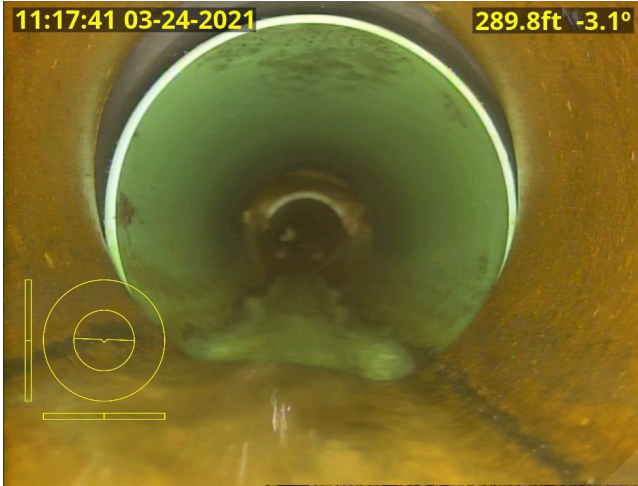
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SAMPLE



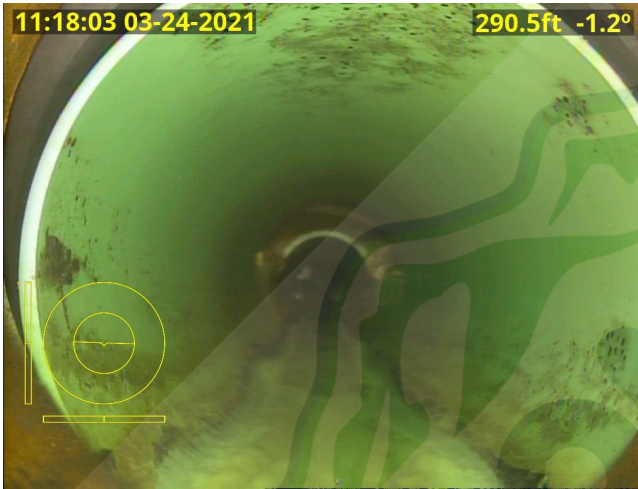
MC 2021\_03\_24-11\_17\_41\_250.jpg



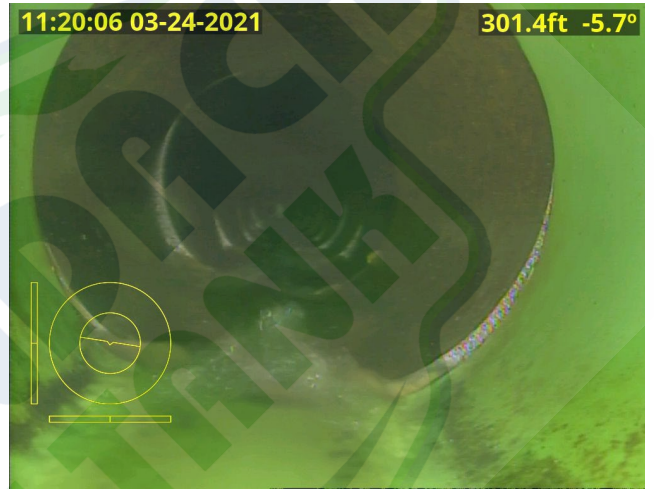
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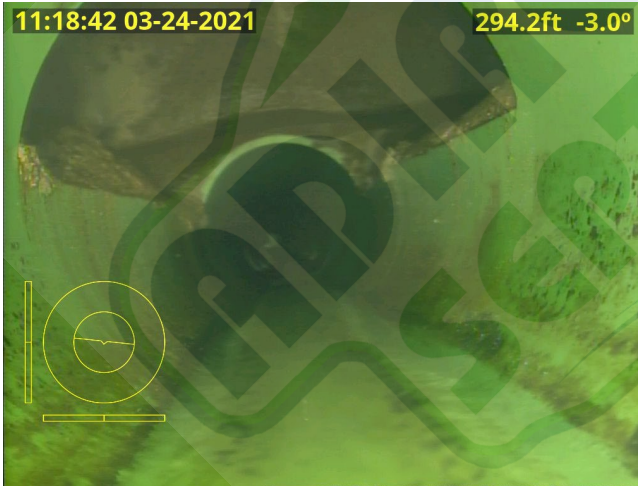
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MC 2021\_03\_24-11\_20\_06\_953.jpg



MH 2021\_03\_24-11\_18\_42\_504.jpg



MC 2021\_03\_24-11\_22\_20\_961.jpg



SAMPLE

MH 2021\_03\_24-11\_23\_04\_237.jpg



FH 2021\_03\_24-11\_24\_50\_093.jpg



JN 2021\_03\_24-11\_23\_22\_097.jpg



MH 2021\_03\_24-11\_24\_21\_119.jpg



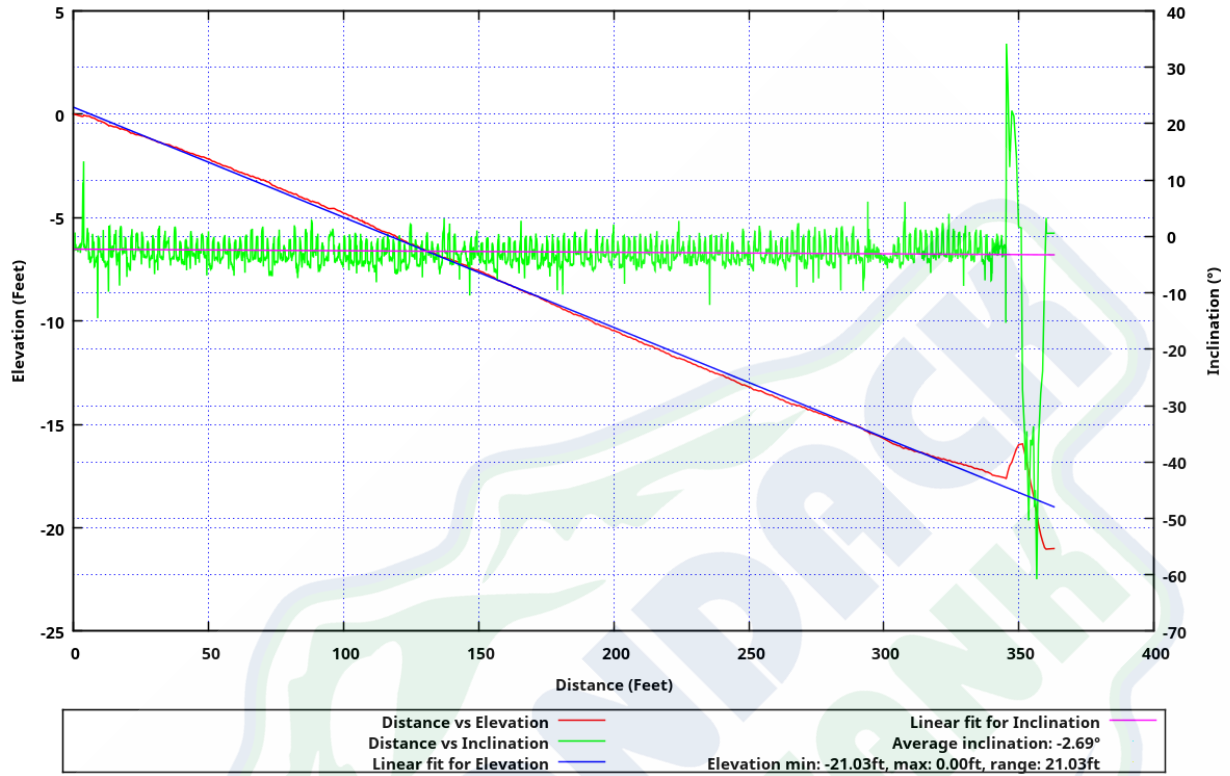
SAMPLE



SAMPLE



Elevation and inclination graph



SAMPLE



**WRC MSCC Third Edition Coding:**

B	BROKEN PIPE	ESH	SCALE HEAVY
BR	BRANCH MAJOR	ESL	SCALE LIGHT
CC	CRACK CIRCUMFERENTIAL	ESM	SCALE MEDIUM
CL	CRACK LONGINTUDINAL	FC	FRACTURE CIRCUMFERENTIAL
CM	CRACKS MULTIPLE	FH	FINISH SURVEY
CN	CONNECTION	FL	FRACTURE LONGITUDINAL
CNI	CONNECTON, INTRUSION	FM	FRACTURE MULTIPLE
CU	CAMERA UNDER WATER	GO	GENERAL OBSERVATION
CX	CONNECTION DEFECTIVE	GP	GENERAL PHOTOGRAPH
CXI	CONNECTION DEFECTIVE, INTRUSION	H	HOLE
D	DEFROMED SEWER	ID	INFILTRATION DRIPPER
DB	DISPLACED BRICKS	IDJ	INFILTRATION DRIPPER AT JOINT
DC	DIMENSION CHANGES	IG	INFILTRATION GUSHER
DE	DEBRIS	IGJ	INFILTRATION GUSHER AT JOINT
DEG	DEBRIS GREASE	IS	INFILTRATION SEEPER
DES	DEBRIS SILT	ISJ	INFILTRATION SEEPER AT JOINT
DI	DROPPED INVERT	JDL	JOINT DISPLACED LARGE
EH	ENCRUSTATION HEAVY	JDM	JOINT DISPLACED MEDIUM
EHJ	ENCRUSTATION HEAVY AT JOINT	JN	JUNCTION
EL	ENCRUSTATION LIGHT	JX	JUNCTION DEFECTIVE
ELJ	ENCRUSTATION LIGHT AT JOINT	LC	LINING OF SEWER CHANGES
EM	ENCRUSTATION MEDIUM	LD	LINE OF SEWER DEVIATES DOWN
EMJ	ENCRUSTATION MEDIUM AT JOINT	LL	LINE OF SEWER DEVIATES LEFT
		LN	LINING DEFECT
		LR	LINE OF SEWER DEVIATES RIGHT
		LU	LINE OF SEWER DEVIATES UP
		MB	MISSING BRICKS
		MC	MATERIAL OF SEWER CHANGES
		MH	MANHOLE/NODE
		MM	MORTAR MISSING MEDIUM

SAMPLE

MS MORTAR MISSING SURFACE  
 MT MORTAR MISSING TOTAL  
 OB OBSTRUCTION  
 OJL OPEN JOINT LARGE  
 OJM OPEN JOINT MEDIUM  
 PC LENGTH OF PIPE CHANGES  
 RF ROOTS FINE  
 RFJ ROOTS FINE AT JOINT  
 RM ROOTS MASS  
 RMJ ROOTS MASS AT JOINT  
 RT ROOTS TAP  
 RTJ ROOTS TAP AT JOINT  
 SA SURVERY ABANDONED  
 SC SHAPE OF SEWER CHANGES  
 SSL SURFACE DAMAGE, SPALLING LARGE  
 SSM SURFACE DAMAGE, SPALLING MEDIUM  
 SSS SURFACE DAMAGE, SPALLING SLIGHT  
 ST START SURVEY  
 SWL SURFACE DAMAGE, WEAR LARGE  
 SWM SURFACE DAMAGE, WEAR MEDIUM  
 SWS SURFACE DAMAGE, WEAR SLIGHT  
 V VERMIN  
 WL WATER LEVEL  
 X SEWER COLLAPSED

T TRADE EFFLUENT  
 W WATERCOURSE (CULVERTED)  
 X OTHER  
 Z NOT KNOWN

**Direction:**

D SURVERY DOWNSTREAM  
 U SURVERY UPSTREAM

**Shape:**

A ARCHED (WITH FLAT BOTTOM)  
 B BARREL  
 C CIRCULAR  
 E EGG SHAPED  
 H HORSESHOE (INVERTED U)  
 O OVAL  
 X OTHER

**Material:**

AC ASBESTOES CEMENT  
 AK ALKATHENE  
 BR BRICK  
 CC CONCRETE BOX CULVERT  
 CI CAST IRON  
 CO CONCRETE  
 CSB CONCRETE SEGMENTS (BOLTED)  
 CSU CONCRETE SEGMENTS (UNBOLTED)  
 DI DUCTILE IRON  
 GRC GLASS REINFORCED CEMENT  
 GRP GLASS REINFORCED PLASTIC  
 MAC MASONRY (REGULAR)  
 MAR MASONRY (RANDOM)  
 PE POLYEHTYLENE

**Survey Header Coding:**

**Use of sewer:**

C COMBINED  
 F FOUL  
 S SURVEY WATER

SAMPLE

PF PITCH FIBRE  
 PP POLYPROPYLENE  
 PSC PLASTIC/STEEL COMPOSITE  
 PVC POLYVINYL CHLORIDE  
 RPM REINFORCED PLASTIC MATRIX  
 SI SPUN IRON  
 ST STEEL  
 VC VITRIFIED CLAY  
 XXX OTHER  
 ZZZ NOT KNOWN

**Lining:**

SAME CODING AS MATERIAL

**Purpose:**

A SPECIFIC PROBLEMS ON SEWER SYTEM RELATED TO STRUCTURAL OR SERVICE CONDITION DEFECTS  
 B SPECIFIC PROBLEMS ON SEWER SYTEM RELATED TO INFILTRATION  
 C ASSESSMENT OF COMPLETE REMEDIAL OF RENOVATION WORKS  
 D PRE-ADOPTION  
 E PRE-ACCEPTANCE  
 F SAMPLE SURVEY TO DETERMINE ASSET CONDITON  
 G ASSOCIATED WITH FUTURE CAPITAL SCHEME INCLUDING DRAINAGE AREA PLANNING  
 H RESURVEY FOR ANY REASON  
 X OTHER  
 Z NOT KNOWN

**Sewer category:**

A MOST CRITICAL  
 B LESS CRITICAL

C NON-CRITICAL  
 Z NOT KNOWN

**Pre-cleaning:**

N NO  
 Y YES  
 Z NOT KNOWN

**Weather:**

1 DRY  
 2 HEAVY RAIN  
 3 LIGHT RAIN  
 4 SHOWERS  
 5 SNOW

**Location code:**

A MAIN ROAD – URBAN  
 B MAIN ROAD – SUBURBAN  
 C LIGHT ROAD  
 D FOOTPATH OR VERGE  
 E FIELDS  
 F GARDENS

SAMPLE