



Defect Listing

Pipe Segment Refere... A3-3_A3-2	City Oliver Springs	Street Burney Dr	Material Concrete Pipe (non-...	Location C... Yard	Sewer Use Sanitary
Upstream MH A3-3	Total Length 242.1	Year Laid	Shape Circular	Location Details	
DS Manhole A3-2	Length surveyed 242.1	Year Renewed	Height 8	Width 8	Pipe Joint... 4

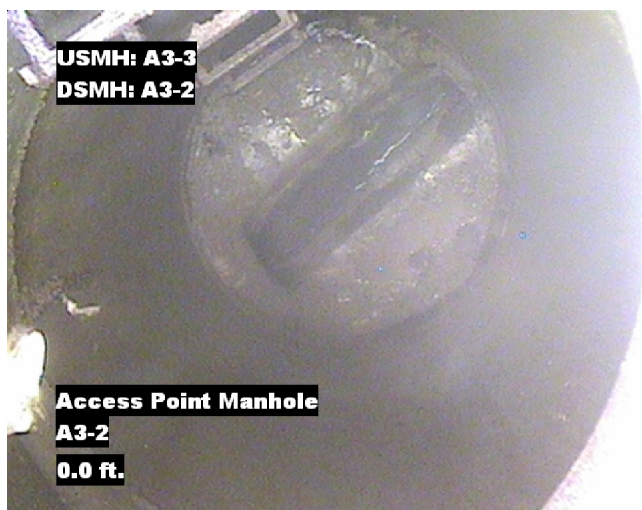
SPR 8	MPR 18	PO Number 4397-03	Customer GRW
SPRI 2.7	MPRI 1.5	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 4131	QMR 2616		
OPR 26	Surveyed By Charlie Gordon	Direction Upstream	Date 20150831
OPRI 1.7	Certificate Number U-615-07000491	Pre-Cleaning Heavy Cleaning	Time 13:55
	Date Cleaned 20150831	End Time 14:17	Weather Dry
		Additional Info BOTTOM 30 FT HAD RO...	

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A3-2									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
1.0 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	7	5	1
1.0 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
1.0 ft.	Fracture Longitudinal				0	<input checked="" type="checkbox"/>	4		3
2.0 ft.	Fracture Multiple				0	<input checked="" type="checkbox"/>	7	5	4
2.0 ft.	Roots Fine Barrell				0	<input type="checkbox"/>	3		2
6.1 ft.	Water Level Sag	S01			15	<input type="checkbox"/>			2
15.3 ft.	Water Level Sag	F01			15	<input type="checkbox"/>			2
15.3 ft.	Water Level				5	<input type="checkbox"/>			
21.5 ft.	Tap Factory Made Active		6		0	<input checked="" type="checkbox"/>	3		
21.8 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	9		1
25.9 ft.	Water Level Sag	S02			10	<input type="checkbox"/>			2
25.9 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	3		1
29.8 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	9	3	1
29.8 ft.	Roots Tap Joint				5	<input checked="" type="checkbox"/>	12		2
33.3 ft.	Water Level Sag	F02			10	<input type="checkbox"/>			2
34.1 ft.	Water Level				5	<input type="checkbox"/>			
43.9 ft.	Tap Factory Made		6		0	<input checked="" type="checkbox"/>	3		
111.8 ft.	Tap Factory Made Active		6		0	<input checked="" type="checkbox"/>	3		
111.8 ft.	Roots Fine Lateral				0	<input type="checkbox"/>	3		1
112.2 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	3		1
139.5 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	3		
240.3 ft.	Water Level				5	<input type="checkbox"/>			
240.3 ft.	Deposits Settled Compacted				5	<input type="checkbox"/>	6		2
242.1 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A3-3									



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-3_A3-2	Oliver Springs	Burney Dr	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A3-3	242.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-2	242.1		8	8	4



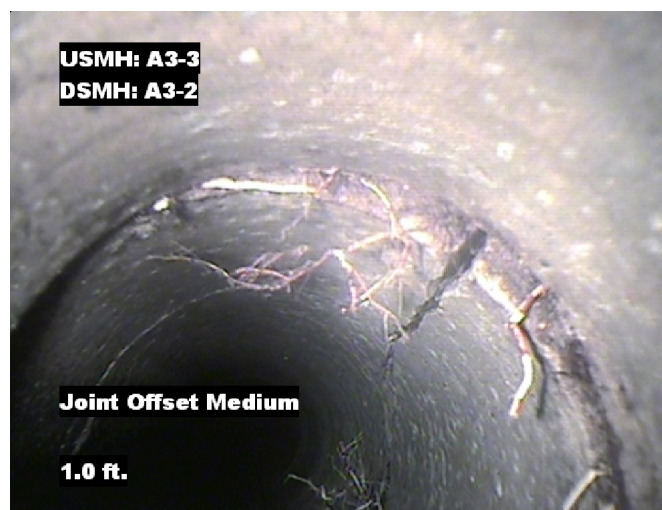
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A3-2



Distance: 0.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 1.0 ft. Grade: 1
Condition: Roots Fine Joint
Remarks: N/A

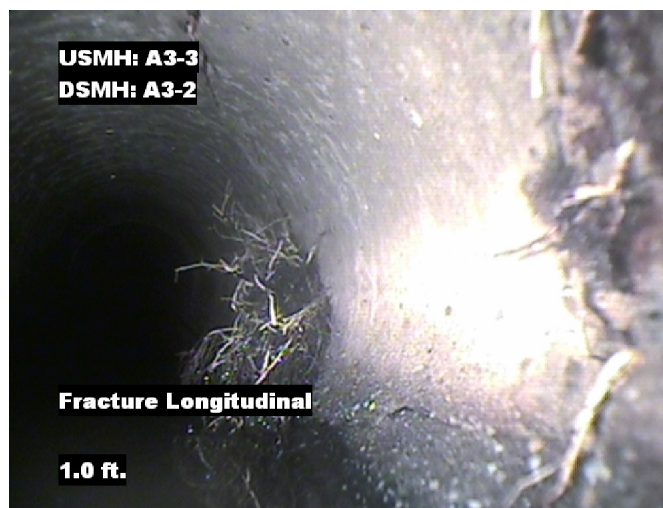


Distance: 1.0 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A

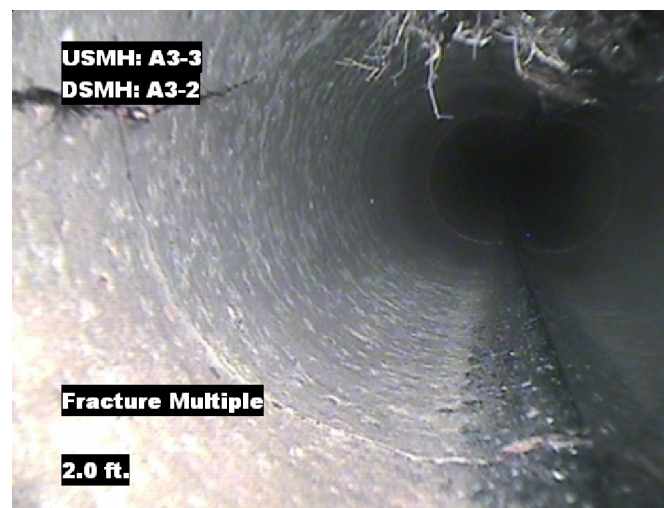


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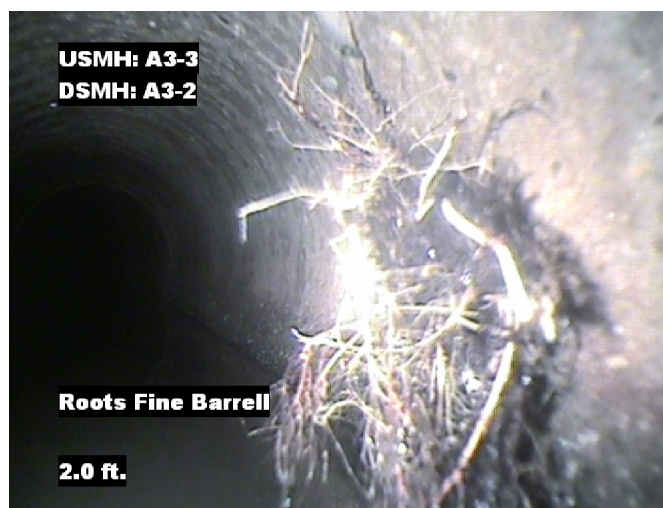
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-2	242.1		8	8	4



Distance: 1.0 ft. Grade: 3
Condition: Fracture Longitudinal
Remarks: N/A



Distance: 2.0 ft. Grade: 4
Condition: Fracture Multiple
Remarks: N/A



Distance: 2.0 ft. Grade: 2
Condition: Roots Fine Barrell
Remarks: N/A

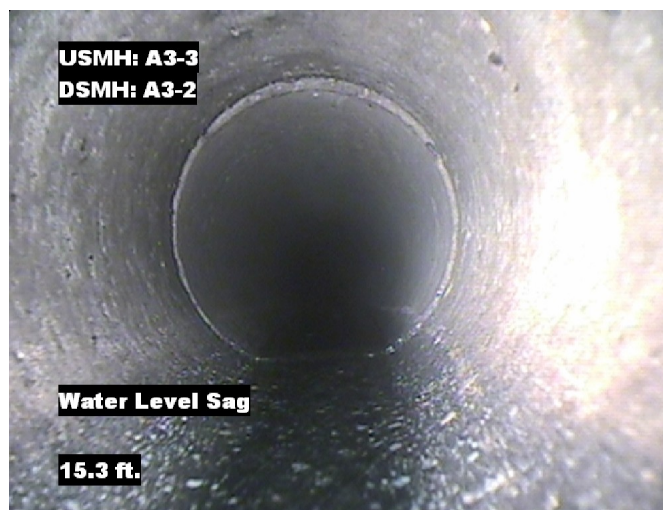


Distance: 6.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



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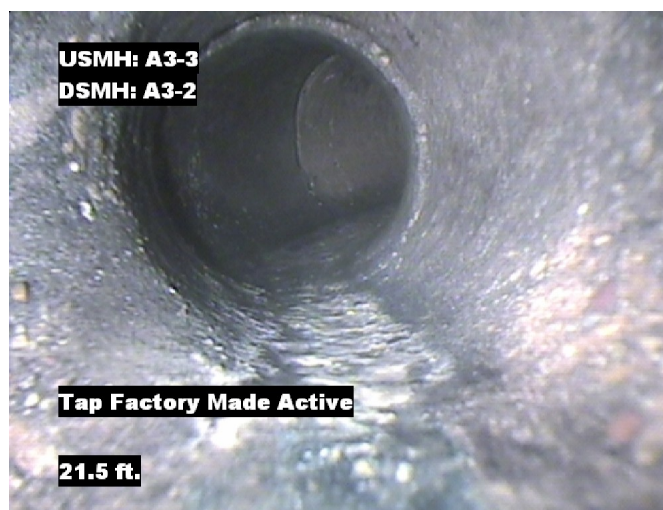
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A3-3_A3-2	Oliver Springs	Burney Dr	Concrete Pipe (non-...	Yard	Sanitary
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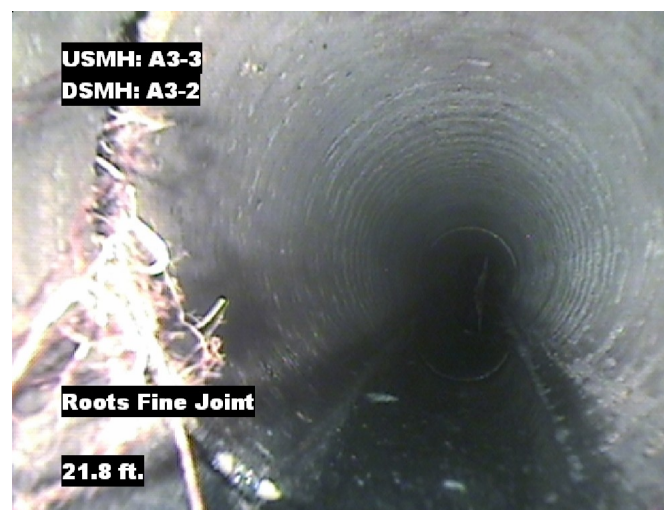
Distance: 15.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 15.3 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 21.5 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

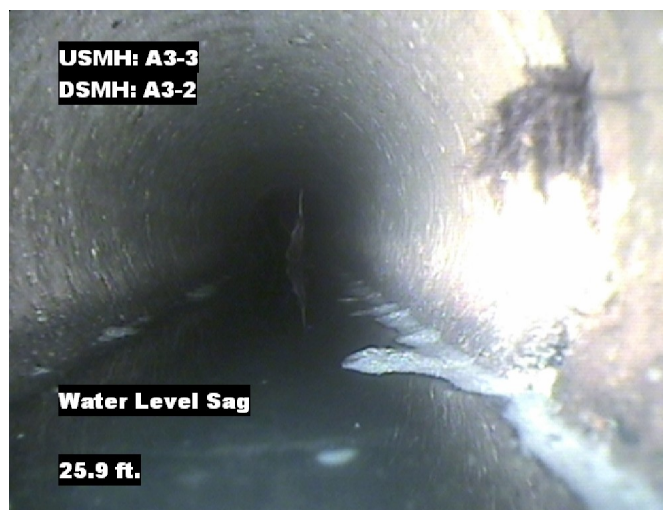


Distance: 21.8 ft. Grade: 1
Condition: Roots Fine Joint
Remarks: N/A



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A3-2	242.1		8	8	4



Distance: 25.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 25.9 ft. Grade: 1
Condition: Roots Fine Joint
Remarks: N/A



Distance: 29.8 ft. Grade: 1
Condition: Roots Fine Joint
Remarks: N/A

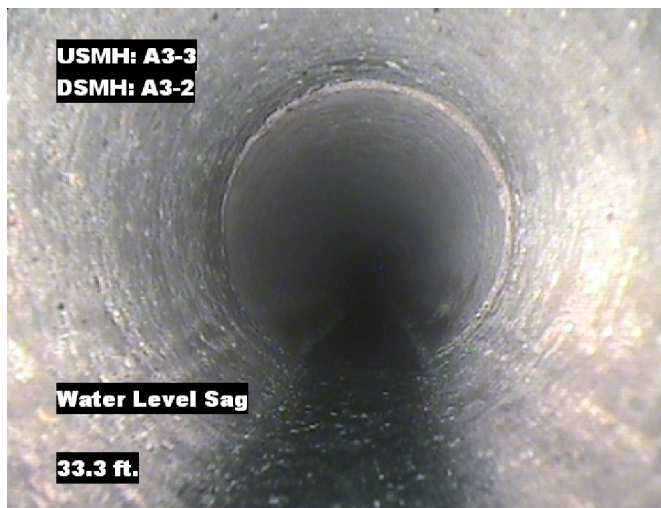


Distance: 29.8 ft. Grade: 2
Condition: Roots Tap Joint
Remarks: N/A

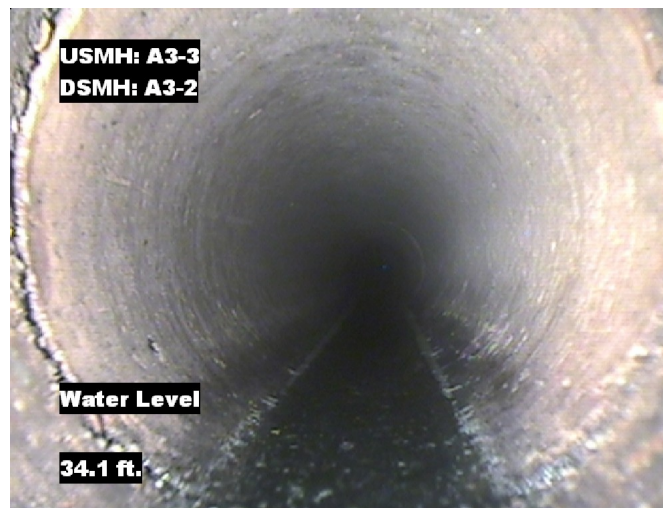


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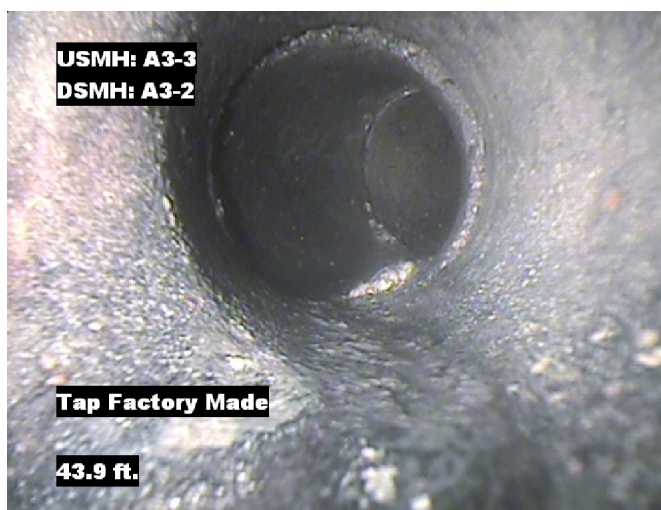
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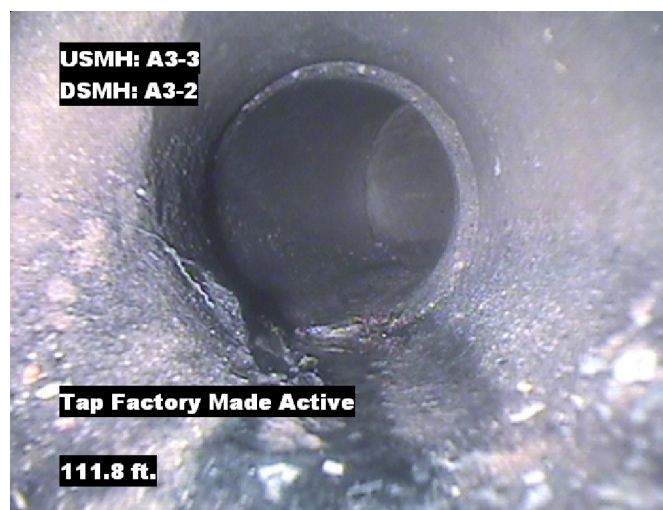
Distance: 33.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 34.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 43.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

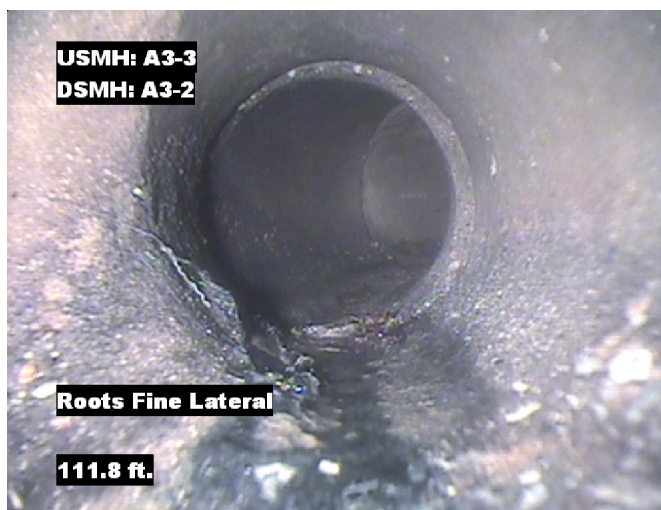


Distance: 111.8 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

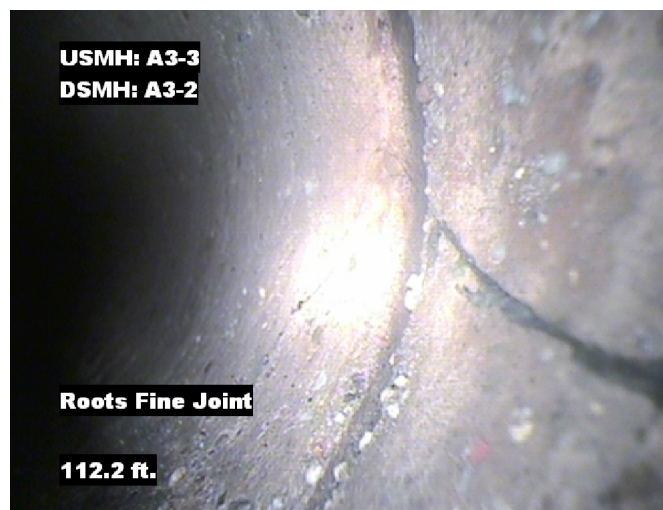


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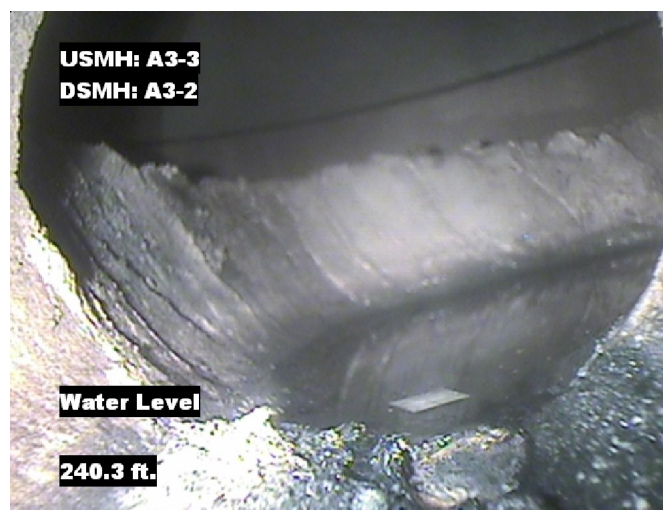
Distance: 111.8 ft. Grade: 1
Condition: Roots Fine Lateral
Remarks: N/A



Distance: 112.2 ft. Grade: 1
Condition: Roots Fine Joint
Remarks: N/A



Distance: 139.5 ft. Grade: 0
Condition: Tap Factory Made Active
Remarks: N/A

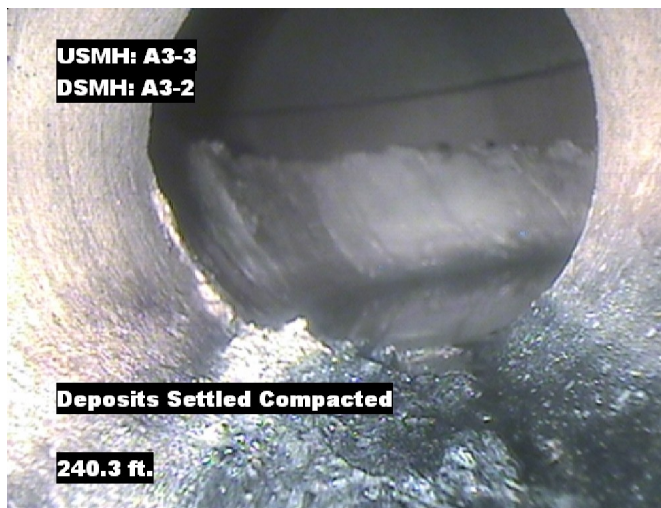


Distance: 240.3 ft. Grade: 0
Condition: Water Level
Remarks: N/A

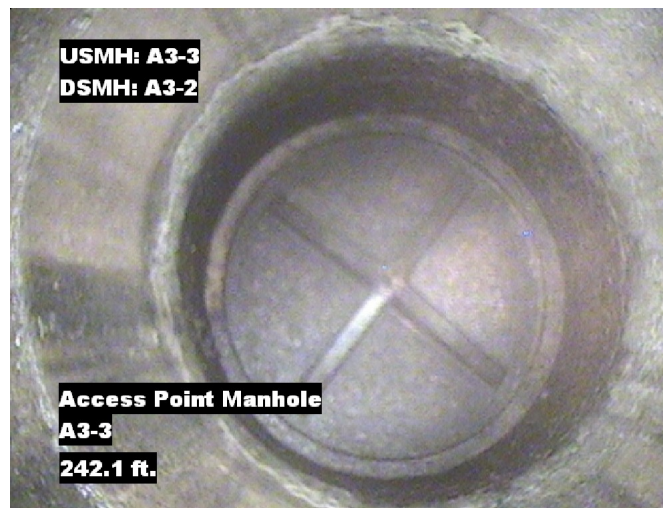


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Distance: 240.3 ft. Grade: 2
Condition: Deposits Settled Compacted
Remarks: N/A



Distance: 242.1 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A3-3



PACP Conditions

Pipe Segment Refere... A3-3_A3-2	City Oliver Springs	Street Burney Dr	Material Concrete Pipe (non-...	Location C... Yard	Sewer Use Sanitary
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SPR 8	MPR 18	PO Number 4397-03		Customer GRW	
SPRI 2.7	MPRI 1.5	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR 4131	QMR 2616	Direction Upstream		Date 20150831	
OPR 26	Surveyed By Charlie Gordon	Pre-Cleaning Heavy Cleaning		Media label	
OPRI 1.7	Certificate Number U-615-07000491	Time 13:55		Weather Dry	
Date Cleaned 20150831			End Time 14:17		Additional Info BOTTOM 30 FT HAD RO...

Normal Defects				Structural Ratings			O & M Ratings			Combined Ratings										
				Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating								
Continuous Defects				1	1	1	1	6	6	1	7	7								
				2	0	0	2	3	6	2	3	6								
				3	1	3	3	0	0	3	1	3								
				4	1	4	4	0	0	4	1	4								
				5	0	0	5	0	0	5	0	0								
Code	ID	Length	0	0	0	2	2	4	2	2	4									
MWLS	F01	9.2										0	0	0	2	1	2	2	1	2
MWLS	F02	7.4																		
				Subtotals	3		Subtotals	12		Subtotals	15									
SUMMARY				Pipe Rating		8	Pipe Rating		18	Overall Pipe Rating		26								
				Structural Index		2.7	O&M Index		1.5	Overall Index		1.7								
				Str. Quick Rating		4131	O&M Quick Rating		2616	Ovrl. Quick Rating		4131								