



Defect Listing

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-34_A-33	Oliver Springs	Arrowhead Ln	Fibreglass Reinforc...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-34	231.7		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-33	231.7		15	15	N/A

SPR	N/A	MPR	22	PO Number	Customer
SPRI	N/A	MPRI	2.2	4397-03	GRW
QSR	N/A	QMR	4129	Work Order	Purpose
				4397-02	Pre-Rehabilitation Survey
OPR	Surveyed By	Direction	Date	Media label	
22	Charlie Gordon	Downstream	20150902		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
2.2	U-615-07000491	Jetting	07:12	Dry	
Date Cleaned			End Time	Additional Info	
20150902			07:25		

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: A-34									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
53.1 ft.	Water Level				20	<input type="checkbox"/>			
137.2 ft.	Tap Factory Made		4		0	<input type="checkbox"/>	10		
181.5 ft.	Water Level Sag	S01			20	<input type="checkbox"/>			2
225.2 ft.	Camera Underwater				0	<input type="checkbox"/>			4
225.2 ft.	Water Level Sag	F01			20	<input type="checkbox"/>			2
231.0 ft.	Water Level				30	<input type="checkbox"/>			
231.7 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A-33									

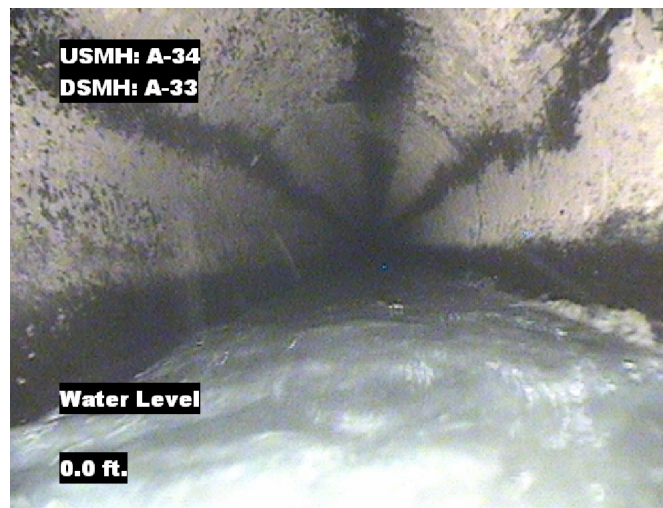


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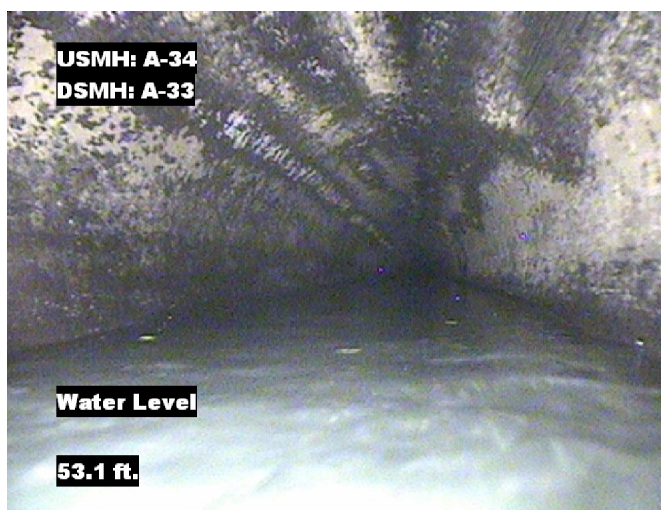
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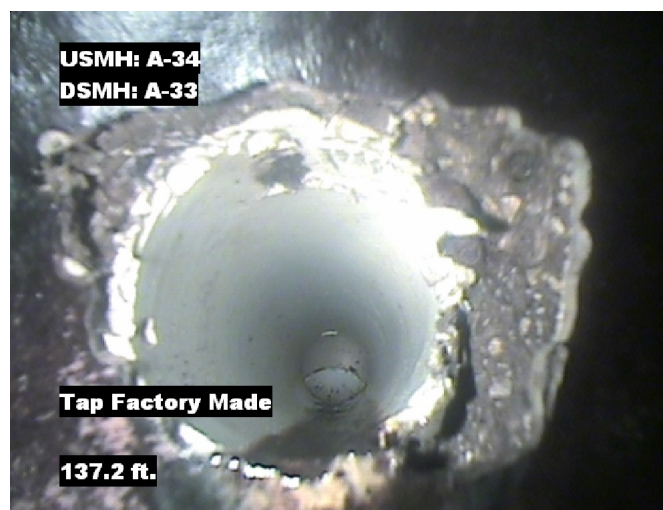
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A-34



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



Distance: 53.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 137.2 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

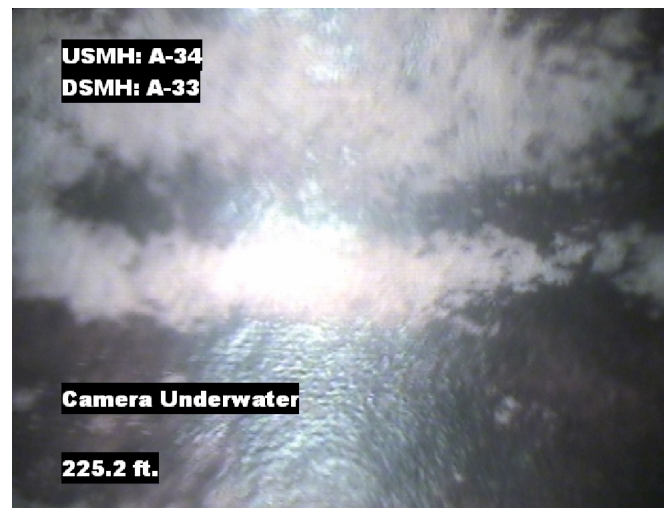


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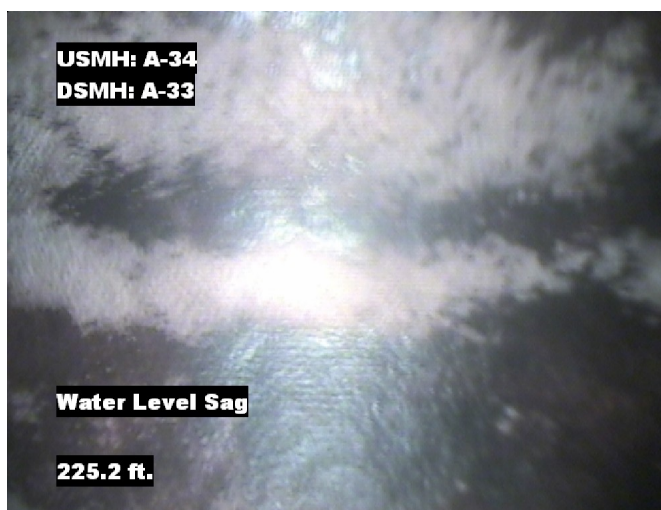
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DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-33	231.7		15	15	N/A



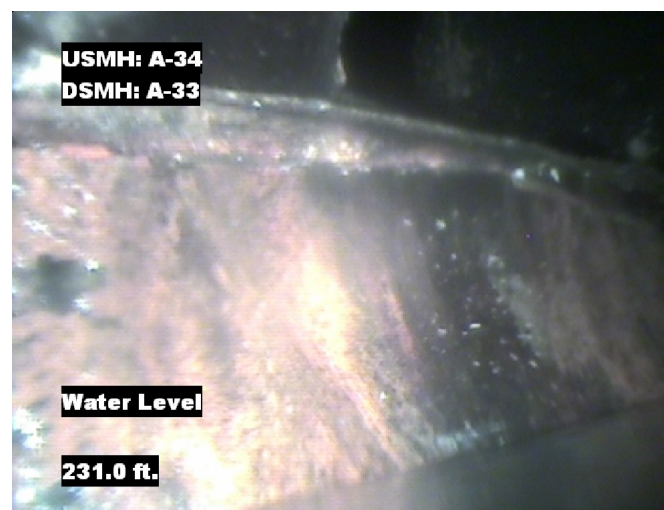
Distance: 181.5 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 225.2 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A



Distance: 225.2 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

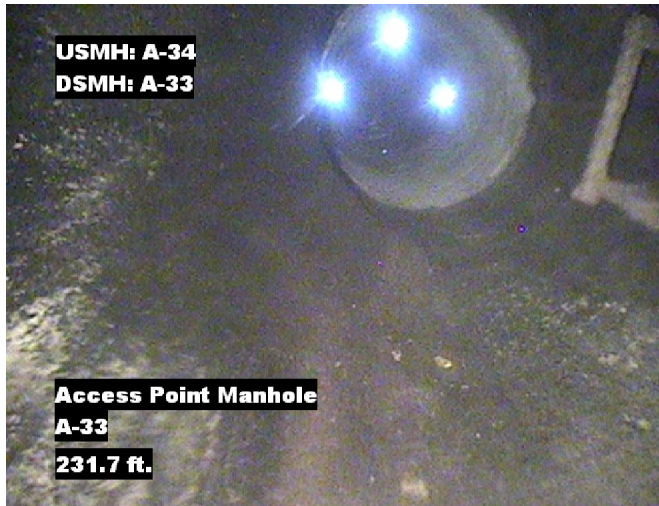


Distance: 231.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



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A-33	231.7		15	15	N/A



Distance: 231.7 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A-33



PACP Conditions

Pipe Segment Refere... A-34_A-33	City Oliver Springs	Street Arrowhead Ln	Material Fibreglass Reinforc...	Location C... Yard	Sewer Use Sanitary
Upstream MH A-34	Total Length 231.7	Year Laid	Shape Circular	Location Details	
DS Manhole A-33	Length surveyed 231.7	Year Renewed	Height 15	Width 15	Pipe Joint... N/A
SPR N/A	MPR 22	PO Number 4397-03		Customer GRW	
SPRI N/A	MPRI 2.2	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR N/A	QMR 4129				
OPR 22	Surveyed By Charlie Gordon	Direction Downstream	Date 20150902	Media label	
OPRI 2.2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 07:12	Weather Dry	
Date Cleaned 20150902			End Time 07:25	Additional Info	

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	0	0	1	0	0	1	0	0
			2	0	0	2	0	0	2	0	0
			3	0	0	3	0	0	3	0	0
			4	0	0	4	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	9	18	2	9	18
MWLS	F01	43.7									
			Subtotals	0		Subtotals	10		Subtotals	10	
SUMMARY			Pipe Rating		0	Pipe Rating		22	Overall Pipe Rating		22
			Structural Index		0	O&M Index		2.2	Overall Index		2.2
			Str. Quick Rating		0000	O&M Quick Rating		4129	Ovrl. Quick Rating		4129