



## Defect Listing

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>A6-3_A6-2</b>	<b>Oliver Springs</b>	<b>Main St</b>	<b>Concrete Pipe (non-...</b>	<b>Yard</b>	<b>Sanitary</b>
Upstream MH	Total Length	Year Laid	Shape	Location Details	
<b>A6-3</b>	<b>264.8</b>		<b>Circular</b>		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
<b>A6-2</b>	<b>264.8</b>		<b>8</b>	<b>8</b>	<b>4</b>

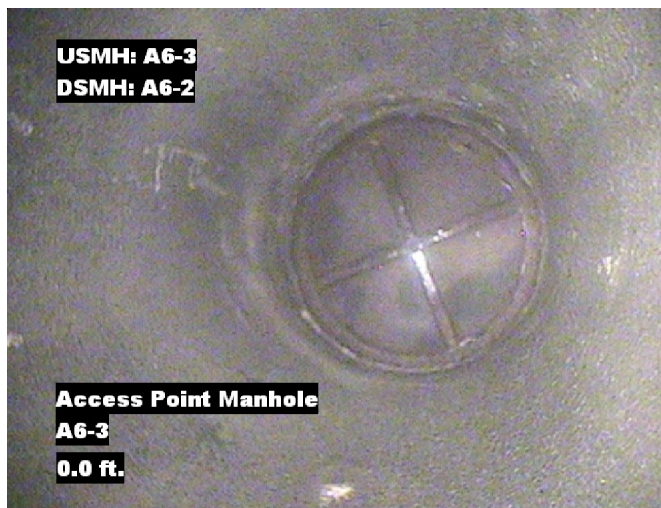
SPR	N/A	MPR	41	PO Number	Customer
SPRI	N/A	MPRI	2.3	<b>4397-03</b>	<b>GRW</b>
QSR	N/A	QMR	4231	Work Order	Purpose
			<b>4397-02</b>	<b>Pre-Rehabilitation Survey</b>	
OPR	Surveyed By	Direction	Date	Media label	
<b>41</b>	<b>Charlie Gordon</b>	<b>Downstream</b>	<b>20150827</b>		
OPRI	Certificate Number	Pre-Cleaning	Time	Weather	
<b>2.3</b>	<b>U-615-07000491</b>	<b>Jetting</b>	<b>11:25</b>	<b>Damp</b>	
Date Cleaned			End Time	Additional Info	
<b>20150827</b>			<b>11:30</b>		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
<b>Remarks:</b> A6-3									
0.0 ft.	Water Level				15	<input type="checkbox"/>			
40.9 ft.	Water Level Sag				15	<input type="checkbox"/>			2
60.9 ft.	Water Level Sag				15	<input type="checkbox"/>			2
65.8 ft.	Water Level Sag	S01			20	<input type="checkbox"/>			2
77.2 ft.	Water Level Sag	F01			20	<input type="checkbox"/>			2
77.2 ft.	Infiltration Runner				0	<input checked="" type="checkbox"/>	3		4
77.2 ft.	Infiltration Stain				0	<input type="checkbox"/>	7	5	
86.0 ft.	Water Level Sag				20	<input type="checkbox"/>			2
88.0 ft.	Water Level Sag	S02			25	<input type="checkbox"/>			2
97.3 ft.	Tap Break-In Intruding		4	2	0	<input type="checkbox"/>	10		2
102.1 ft.	Water Level Sag	F02			25	<input type="checkbox"/>			2
114.2 ft.	Tap Factory Made Capped		6		0	<input type="checkbox"/>	9		
118.1 ft.	Water Level Sag	S03			15	<input type="checkbox"/>			2
143.0 ft.	Water Level Sag	F03			15	<input type="checkbox"/>			2
155.8 ft.	Water Level Sag				20	<input type="checkbox"/>			2
171.0 ft.	Camera Underwater					<input type="checkbox"/>			4
171.0 ft.	Obstacles Brick				20	<input type="checkbox"/>	3	6	3
258.9 ft.	Water Level				10	<input type="checkbox"/>			
264.8 ft.	Access Point Manhole				0	<input type="checkbox"/>			
<b>Remarks:</b> A6-2									

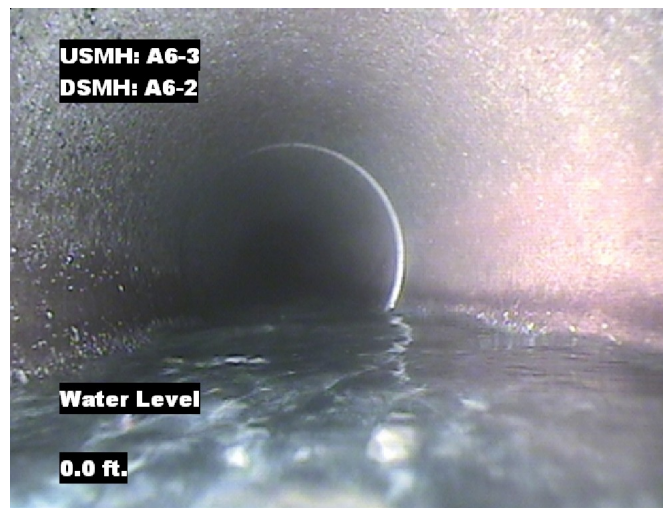


## Image Report 4/Page

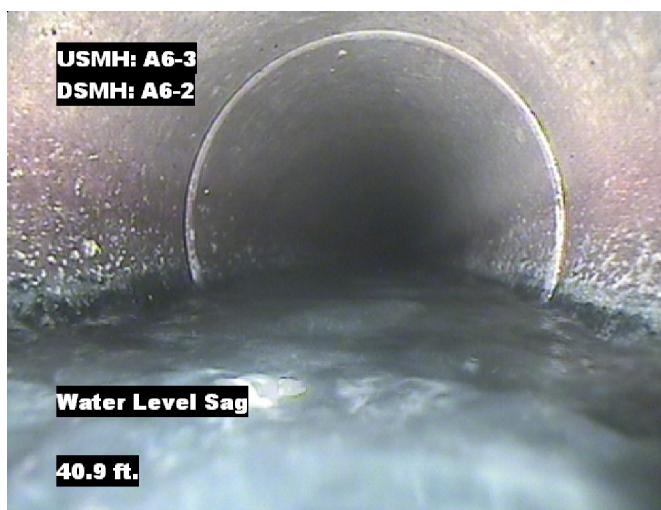
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>A6-3_A6-2</b>	<b>Oliver Springs</b>	<b>Main St</b>	<b>Concrete Pipe (non-...</b>	<b>Yard</b>	<b>Sanitary</b>
<b>Upstream MH</b>	Total Length	Year Laid	<b>Shape</b>	Location Details	
<b>A6-3</b>	<b>264.8</b>		<b>Circular</b>		
<b>DS Manhole</b>	Length surveyed	Year Renewed	<b>Height</b>	Width	Pipe Joint...
<b>A6-2</b>	<b>264.8</b>		<b>8</b>	<b>8</b>	<b>4</b>



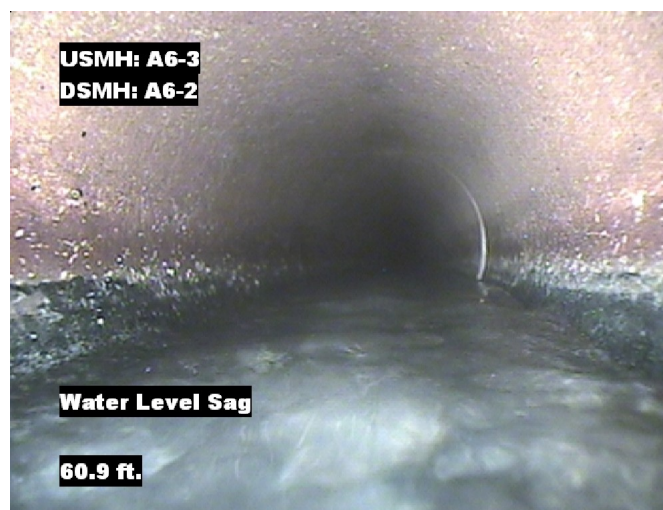
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A6-3



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



Distance: 40.9 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



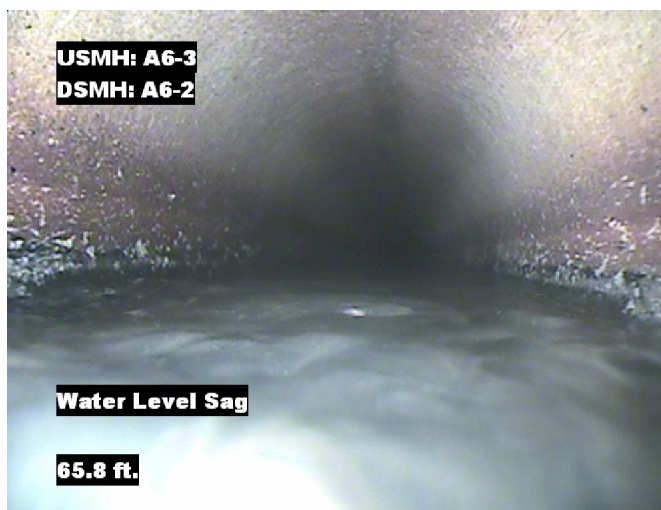
Distance: 60.9 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



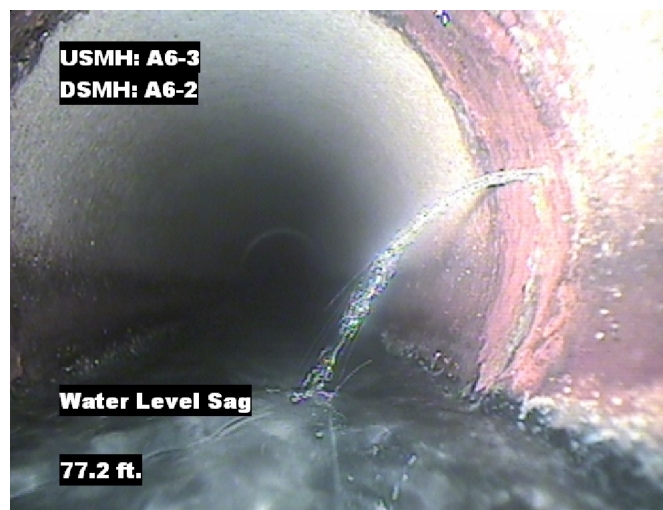


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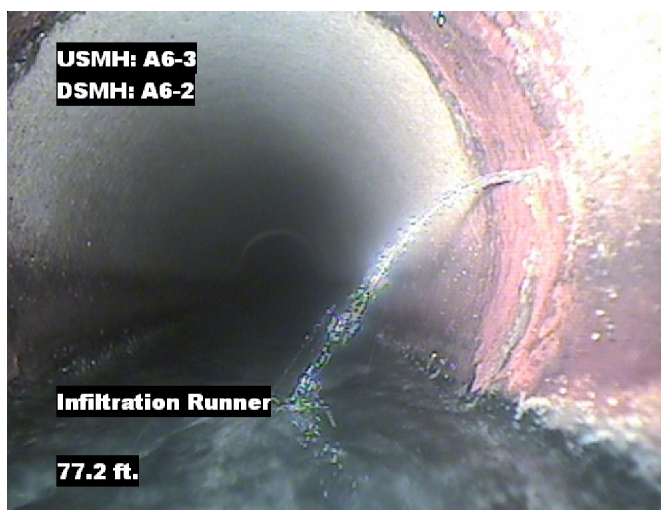
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A6-3_A6-2	Oliver Springs	Main St	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A6-3	264.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-2	264.8		8	8	4



Distance: 65.8 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 77.2 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 77.2 ft. Grade: 4  
Condition: Infiltration Runner  
Remarks: N/A

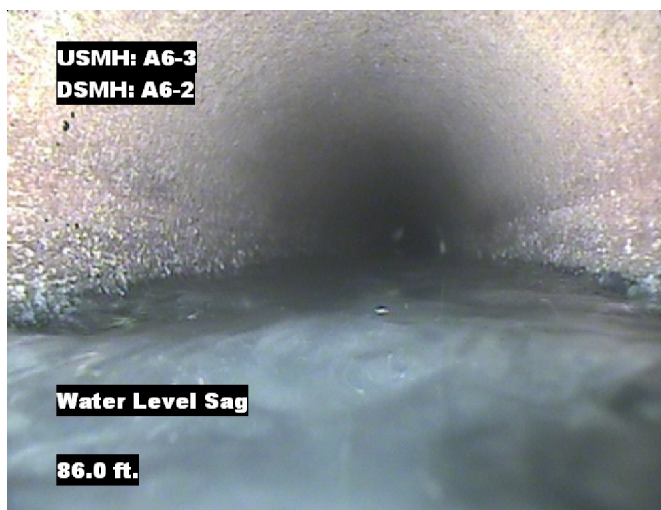


Distance: 77.2 ft. Grade: 0  
Condition: Infiltration Stain  
Remarks: N/A

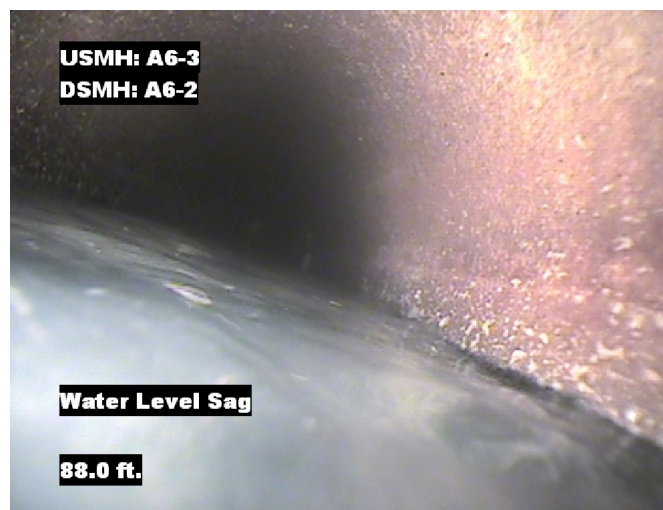


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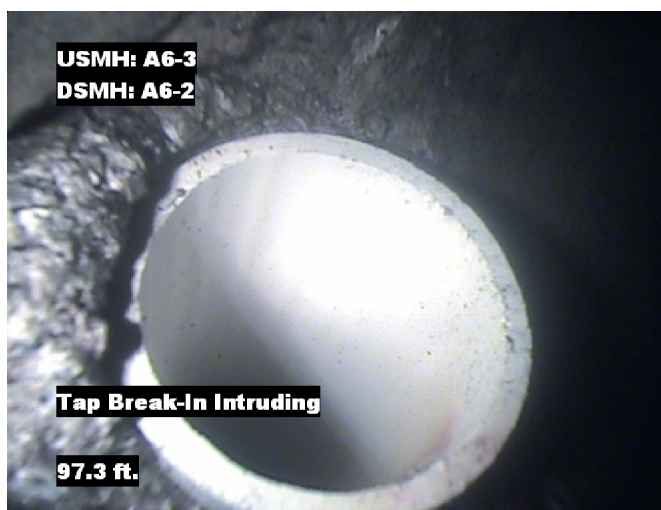
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A6-3_A6-2	Oliver Springs	Main St	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A6-3	264.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-2	264.8		8	8	4



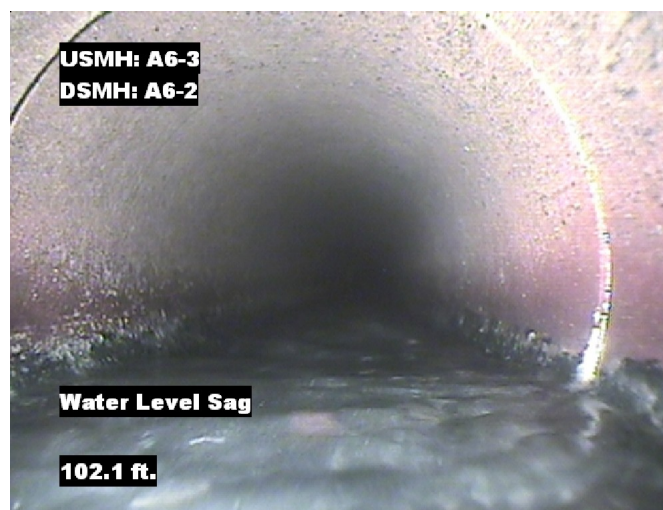
Distance: 86.0 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 88.0 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 97.3 ft. Grade: 2  
Condition: Tap Break-In Intruding  
Remarks: N/A



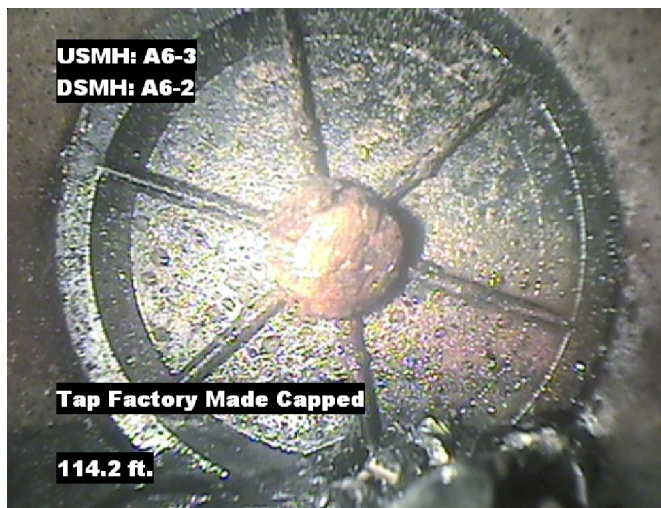
Distance: 102.1 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



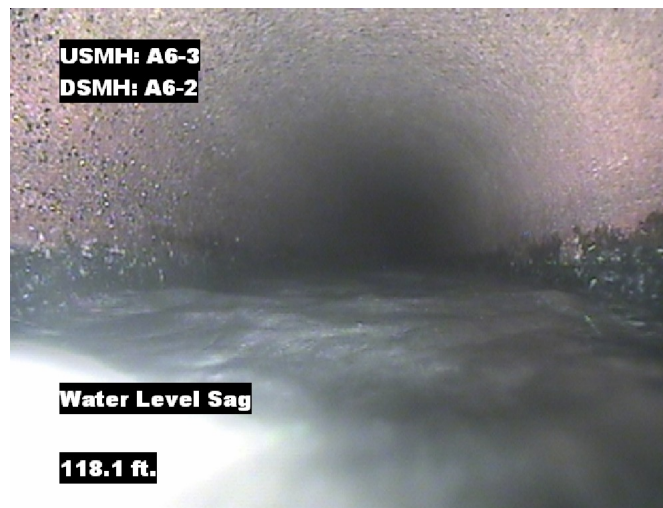


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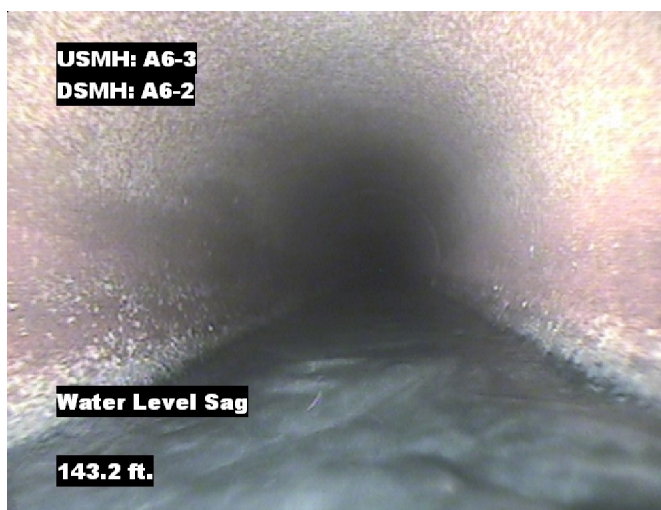
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A6-3_A6-2	Oliver Springs	Main St	Concrete Pipe (non-...	Yard	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A6-3	264.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-2	264.8		8	8	4



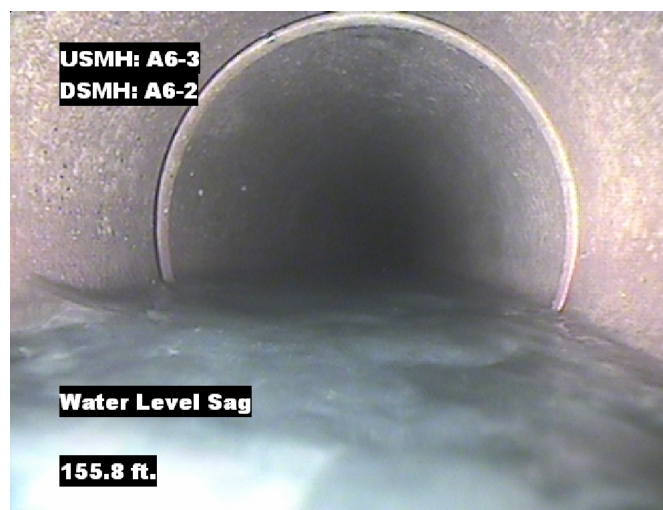
Distance: 114.2 ft. Grade: 0  
Condition: Tap Factory Made Capped  
Remarks: N/A



Distance: 118.1 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 143.0 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 155.8 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



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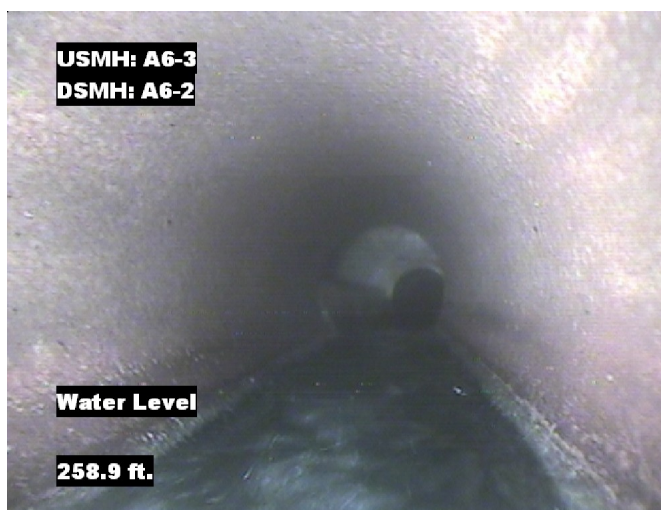
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Upstream MH	Total Length	Year Laid	Shape	Location Details	
A6-3	264.8		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A6-2	264.8		8	8	4



Distance: 171.0 ft. Grade: 4  
Condition: Camera Underwater  
Remarks: N/A



Distance: 171.0 ft. Grade: 3  
Condition: Obstacles Brick  
Remarks: N/A



Distance: 258.9 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 264.8 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A6-2



Pipe Segment Refere...	City	Street	Material		Location C...	Sewer Use
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SPR	N/A	MPR	PO Number		Customer	
SPRI	N/A	MPRI	4397-03		GRW	
QSR	N/A	QMR	Work Order		Purpose	
			4397-02		Pre-Rehabilitation Survey	
OPR	Surveyed By	Direction	Date		Media label	
41	Charlie Gordon	Downstream	20150827			
OPRI	Certificate Number	Pre-Cleaning	Time		Weather	
2.3	U-615-07000491	Jetting	11:25		Damp	
Date Cleaned			End Time		Additional Info	
20150827			11:30			

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	5	10	2	5	10
			3	0	0	3	1	3	3	1	3
			4	0	0	4	2	8	4	2	8
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	2	4	2	2	4
MWLS	F01	11.4									
MWLS	F02	14.1									
MWLS	F03	24.9									
			Subtotals	0		Subtotals	18		Subtotals	18	
SUMMARY			Pipe Rating	0		Pipe Rating	41		Overall Pipe Rating	41	
			Structural Index	0		O&M Index	2.3		Overall Index	2.3	
			Str. Quick Rating	0000		O&M Quick Rating	4231		Ovrl. Quick Rating	4231	