



## Defect Listing

Pipe Segment Refere... <b>A27-3_A27-2</b>	City <b>Oliver Springs</b>	Street <b>Springs St</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>A27-3</b>	Total Length <b>282.2</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>A27-2</b>	Length surveyed <b>282.2</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>N/A</b>

SPR <b>N/A</b>	MPR <b>7</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>2.3</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>3122</b>		
OPR <b>7</b>	Surveyed By <b>Charlie Gordon</b>	Direction <b>Downstream</b>	Date <b>20150821</b>
OPRI <b>2.3</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>Jetting</b>	Time <b>13:42</b>
	Date Cleaned <b>20150821</b>	End Time <b>14:00</b>	Weather <b>Dry</b>
			Media label
			Additional Info

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: A27-3									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
8.9 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
63.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
66.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
82.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
138.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
202.9 ft.	Water Level Sag				10	<input type="checkbox"/>			2
207.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
269.8 ft.	Water Level Sag				15	<input type="checkbox"/>			2
273.0 ft.	Water Level Sag				50	<input type="checkbox"/>			3
276.3 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	3		
279.4 ft.	Water Level				10	<input type="checkbox"/>			
282.2 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A27-2									



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A27-3_A27-2	Oliver Springs	Springs St	Fibreglass Reinforc...	Light High...	Sanitary
Upstream MH A27-3	Total Length 282.2	Year Laid	Shape Circular	Location Details	
DS Manhole A27-2	Length surveyed 282.2	Year Renewed	Height 8	Width 8	Pipe Joint... N/A



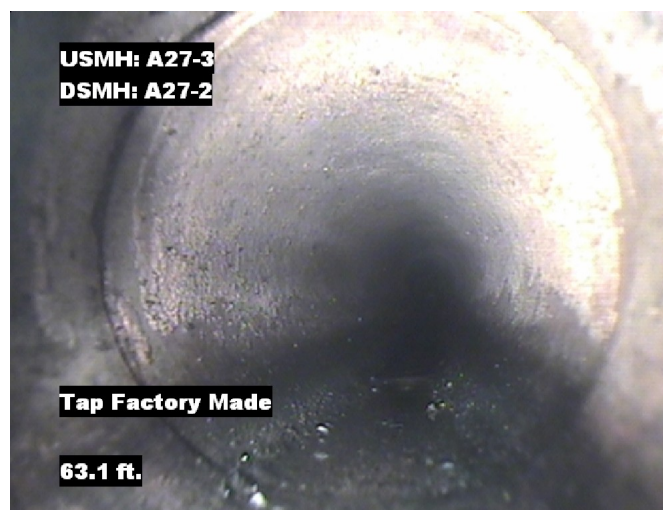
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A27-3



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



Distance: 8.9 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

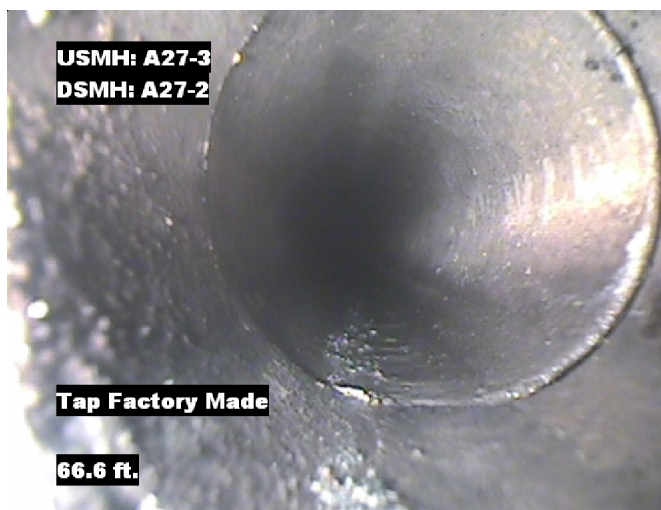


Distance: 63.1 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

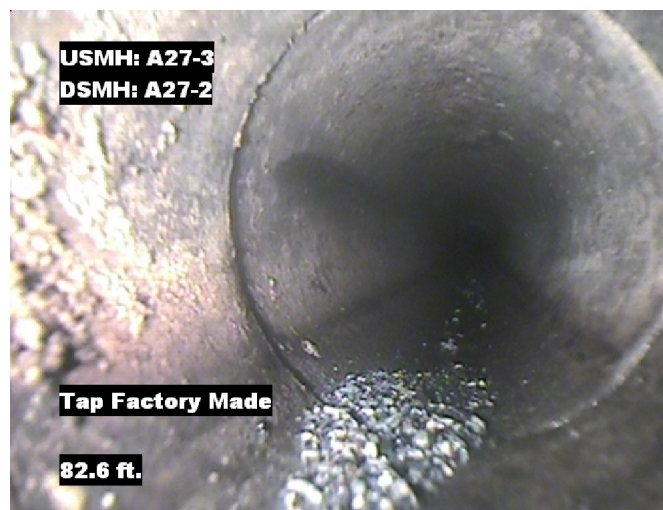


## Image Report 4/Page

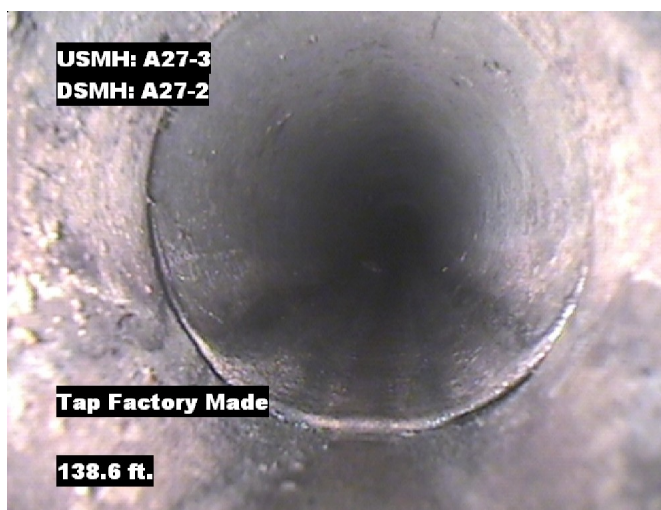
Pipe Segment Refere... <b>A27-3_A27-2</b>	City <b>Oliver Springs</b>	Street <b>Springs St</b>	Material <b>Fibreglass Reinforc...</b>		Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>A27-3</b>	Total Length <b>282.2</b>	Year Laid	Shape <b>Circular</b>		Location Details	
DS Manhole <b>A27-2</b>	Length surveyed <b>282.2</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint...	
					<b>N/A</b>	



Distance: 66.6 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 82.6 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 138.6 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



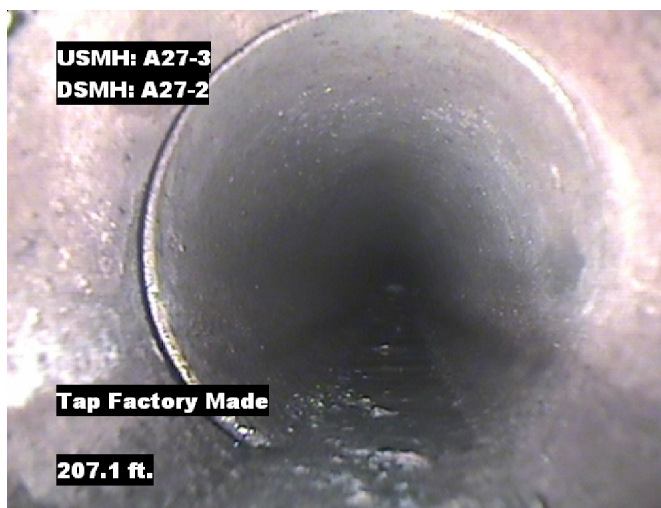
Distance: 202.9 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A





## Image Report 4/Page

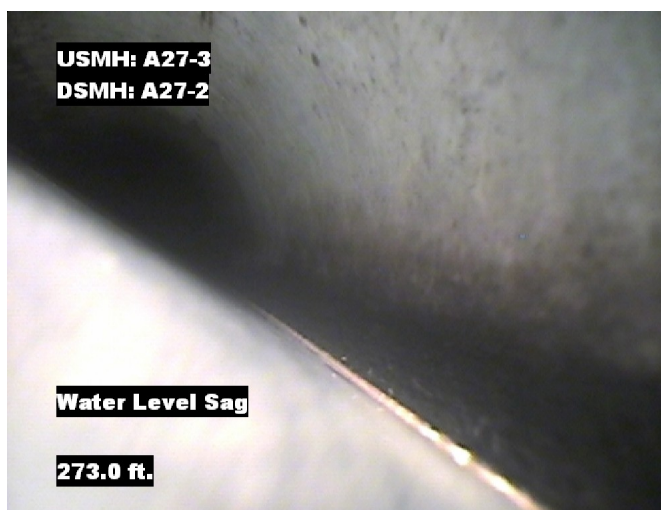
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>A27-3_A27-2</b>	<b>Oliver Springs</b>	<b>Springs St</b>	<b>Fibreglass Reinforc...</b>	<b>Light High...</b>	<b>Sanitary</b>
<b>Upstream MH</b>	Total Length	Year Laid	<b>Shape</b>	Location Details	
<b>A27-3</b>	<b>282.2</b>		<b>Circular</b>		
<b>DS Manhole</b>	<b>Length surveyed</b>	Year Renewed	<b>Height</b>	Width	Pipe Joint...
<b>A27-2</b>	<b>282.2</b>		<b>8</b>	<b>8</b>	<b>N/A</b>



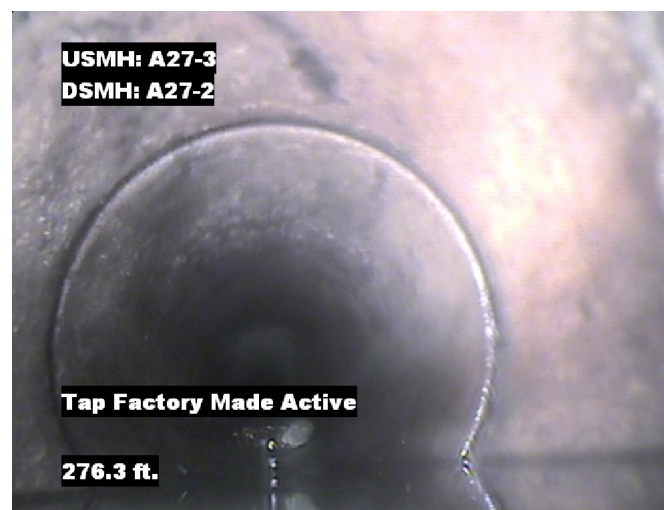
Distance: 207.1 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 269.8 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 273.0 ft. Grade: 3  
Condition: Water Level Sag  
Remarks: N/A

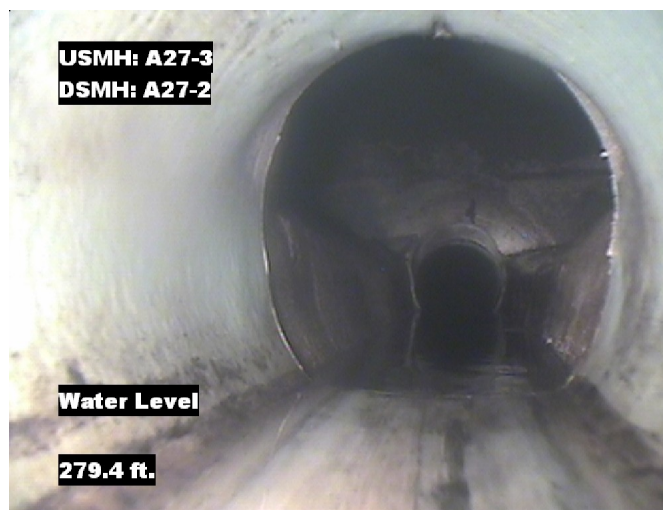


Distance: 276.3 ft. Grade: 0  
Condition: Tap Factory Made Active  
Remarks: N/A

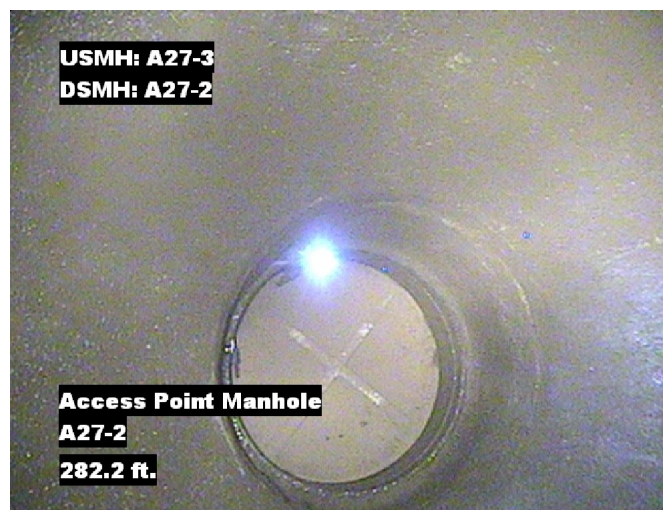


## Image Report 4/Page

Pipe Segment Refere... <b>A27-3_A27-2</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Springs St</b>	<b>Material</b> <b>Fibreglass Reinforc...</b>		<b>Location C...</b> <b>Light High...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A27-3</b>	Total Length <b>282.2</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A27-2</b>	<b>Length surveyed</b> <b>282.2</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint...	<b>N/A</b>



Distance: 279.4 ft.      Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 282.2 ft.      Grade: 0  
Condition: Access Point Manhole  
Remarks: A27-2



Pipe Segment Refere... A27-3_A27-2	City Oliver Springs	Street Springs St	Material Fibreglass Reinforc...		Location C... Light High...	Sewer Use Sanitary
Upstream MH A27-3	Total Length 282.2	Year Laid	Shape Circular		Location Details	
DS Manhole A27-2	Length surveyed 282.2	Year Renewed	Height 8	Width 8	Pipe Joint... N/A	
SPR N/A	MPR 7	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 2.3	Work Order		Purpose		
QSR N/A	QMR 3122	4397-02		Pre-Rehabilitation Survey		
OPR 7	Surveyed By Charlie Gordon	Direction Downstream	Date 20150821		Media label	
OPRI 2.3	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 13:42		Weather Dry	
Date Cleaned 20150821			End Time 14:00		Additional Info	

			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Normal Defects											
Continuous Defects			1	0	0	1	0	0	1	0	0
			2	0	0	2	2	4	2	2	4
			3	0	0	3	1	3	3	1	3
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									