



## Defect Listing

Pipe Segment Refere... <b>C8-8A_C8-8</b>	City <b>Oliver Springs</b>	Street <b>Dellwood DR</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>C8-8A</b>	Total Length <b>283.8</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>C8-8</b>	Length surveyed <b>283.8</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

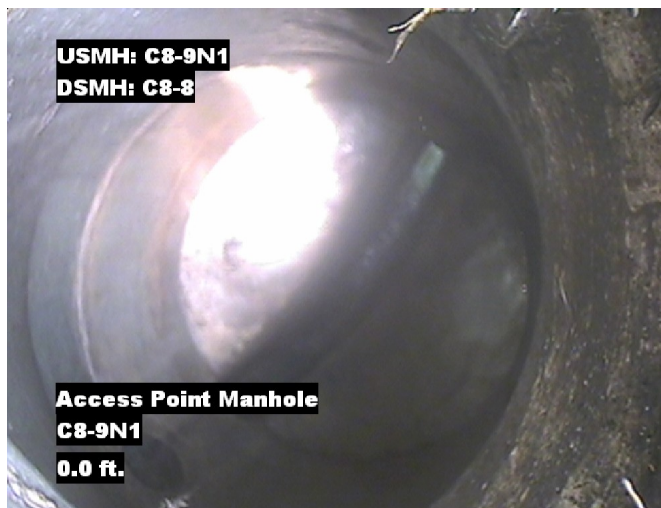
SPR <b>N/A</b>	MPR <b>1</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>1</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>1100</b>		
OPR <b>1</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150720</b>
OPRI <b>1</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Heavy Cleaning</b>	Time <b>12:57</b>
	Date Cleaned <b>20150720</b>	End Time <b>13:20</b>	Weather <b>Dry</b>
			Additional Info <b>Used root saw to re...</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"/>			
Remarks: C8-8A									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
48.0 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
84.5 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
200.7 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
265.2 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	3		
267.2 ft.	Roots Fine Joint				0	<input checked="" type="checkbox"/>	1	10	1
281.4 ft.	Water Level				5	<input type="checkbox"/>			
283.8 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: C8-8									

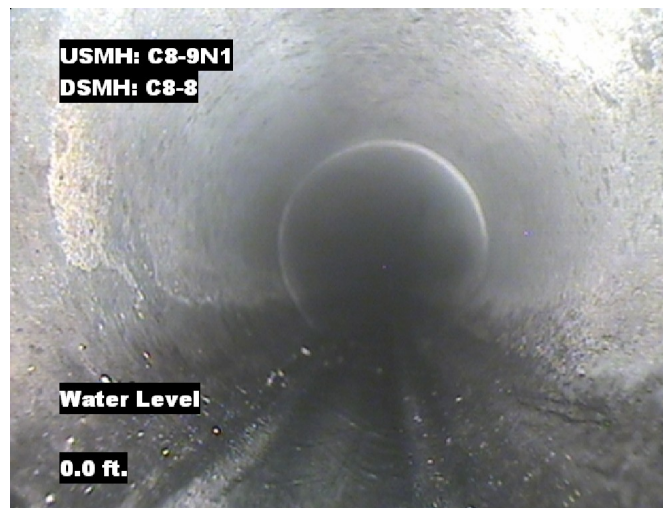


## Image Report 4/Page

Pipe Segment Refere... <b>C8-8A_C8-8</b>	City <b>Oliver Springs</b>	Street <b>Dellwood DR</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>C8-8A</b>	Total Length <b>283.8</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>C8-8</b>	Length surveyed <b>283.8</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>



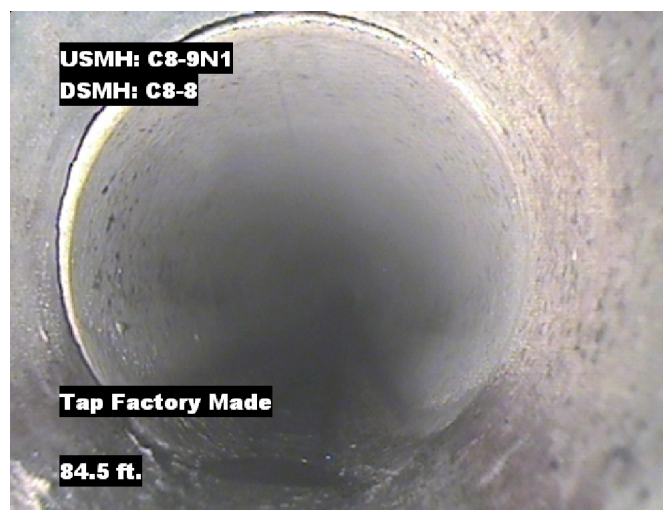
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: C8-8A



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



Distance: 48.0 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



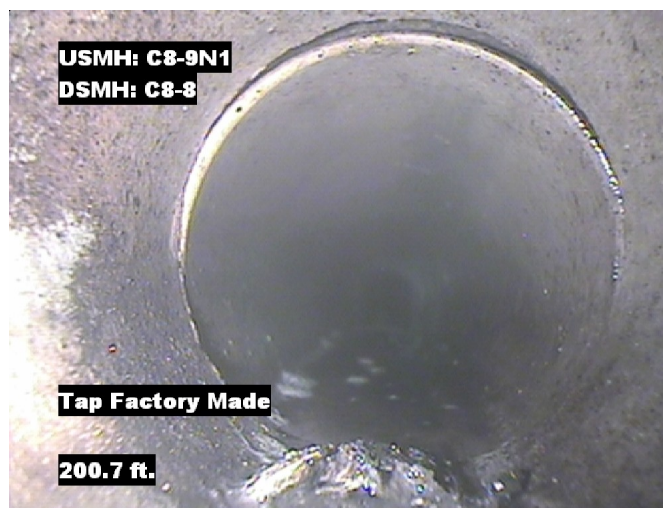
Distance: 84.5 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A





## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>C8-8A C8-8</b>	<b>Oliver Springs</b>	<b>Dellwood DR</b>	<b>Concrete Pipe (non-...</b>	<b>Light High...</b>	<b>Sanitary</b>
<b>Upstream MH</b>	Total Length	Year Laid	<b>Shape</b>	Location Details	
<b>C8-8A</b>	<b>283.8</b>		<b>Circular</b>		
<b>DS Manhole</b>	<b>Length surveyed</b>	Year Renewed	<b>Height</b>	Width	Pipe Joint...
<b>C8-8</b>	<b>283.8</b>		<b>8</b>	<b>8</b>	<b>4</b>



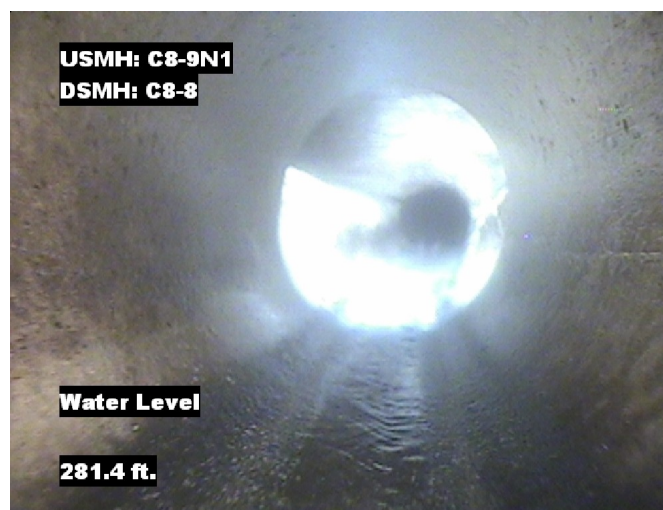
Distance: 200.7 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 265.2 ft. Grade: 0  
Condition: Tap Factory Made Active  
Remarks: N/A



Distance: 267.2 ft. Grade: 1  
Condition: Roots Fine Joint  
Remarks: N/A

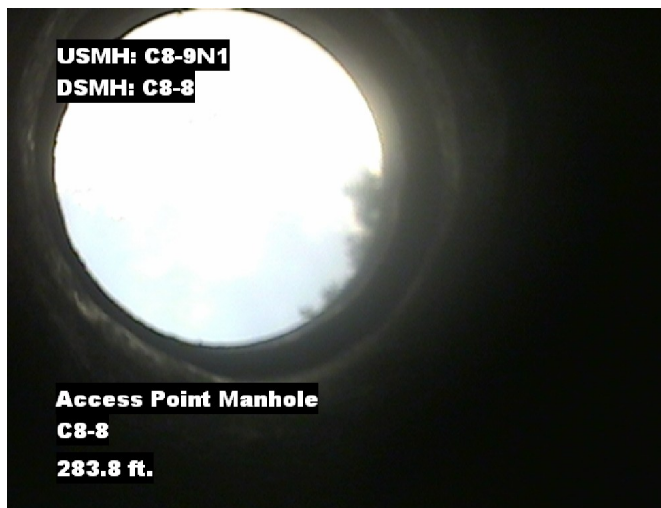


Distance: 281.4 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>C8-8A_C8-8</b>	<b>Oliver Springs</b>	<b>Dellwood DR</b>	<b>Concrete Pipe (non-...</b>	<b>Light High...</b>	<b>Sanitary</b>
<b>Upstream MH</b> <b>C8-8A</b>	Total Length <b>283.8</b>	Year Laid	<b>Shape</b> <b>Circular</b>	Location Details	
<b>DS Manhole</b> <b>C8-8</b>	<b>Length surveyed</b> <b>283.8</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>



Distance: 283.8 ft.      Grade: 0  
Condition: Access Point Manhole  
Remarks: C8-8



## PACP Conditions

Pipe Segment Refere... C8-8A_C8-8	City Oliver Springs	Street Dellwood DR	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH C8-8A	Total Length 283.8	Year Laid	Shape Circular		Location Details	
DS Manhole C8-8	Length surveyed 283.8	Year Renewed	Height 8	Width 8	Pipe Joint...	
SPR N/A	MPR 1	PO Number 4397-03			Customer GRW	
SPRI N/A	MPRI 1	Work Order 4397-02			Purpose	
QSR N/A	QMR 1100				Pre-Rehabilitation Survey	
OPR 1	Surveyed By Barry_Rogers	Direction Downstream	Date 20150720		Media label	
OPRI 1	Certificate Number U-1012-16405	Pre-Cleaning Heavy Cleaning	Time 12:57		Weather Dry	
Date Cleaned 20150720			End Time 13:20		Additional Info Used root saw to re...	

[illegible]