



## Defect Listing

Pipe Segment Refere... <b>C-32_C-31</b>	City <b>Oliver Springs</b>	Street <b>Richaeds Dr</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>C-32</b>	Total Length <b>321.4</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>C-31</b>	Length surveyed <b>321.4</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

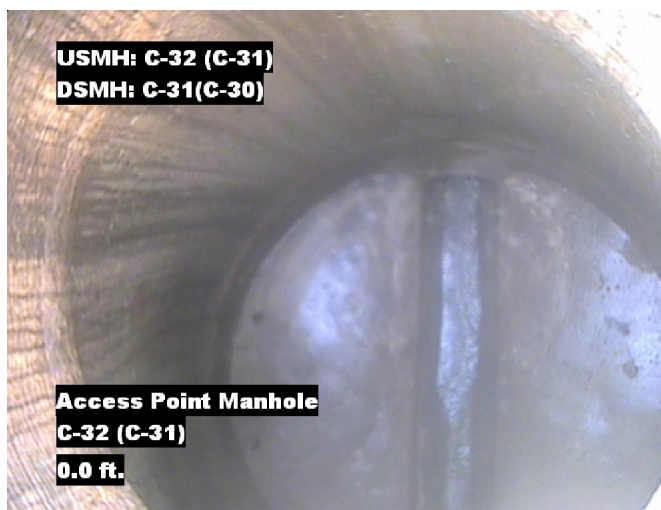
SPR <b>2</b>	MPR <b>N/A</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>2</b>	MPRI <b>N/A</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>2100</b>	QMR <b>N/A</b>		
OPR <b>2</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150710</b>
OPRI <b>2</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>08:44</b>
	Date Cleaned <b>20150710</b>	End Time <b>09:06</b>	Weather <b>Dry</b>
			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: C-32									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
11.2 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
158.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
188.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
210.8 ft.	Joint Offset Large				0	<input type="checkbox"/>			2
211.6 ft.	Repair Point Pipe Replaced				0	<input type="checkbox"/>			
Remarks: cp to pvc									
216.0 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
216.7 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: pvc to cp									
318.8 ft.	Tap Factory Made Active		6		0	<input type="checkbox"/>	6		
321.4 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: C-31									

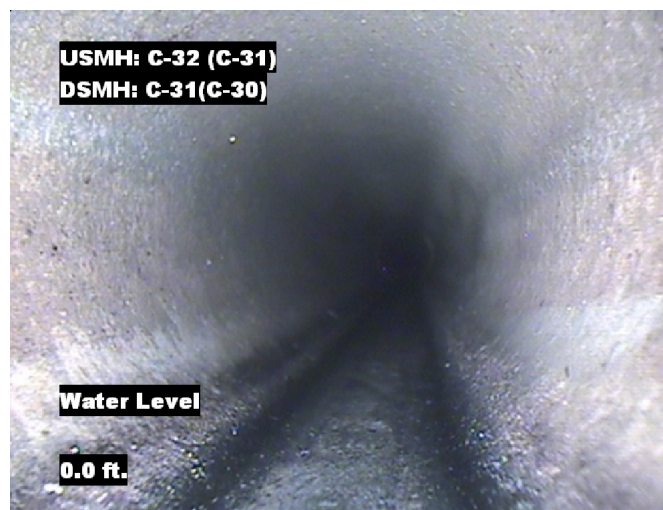


## Image Report 4/Page

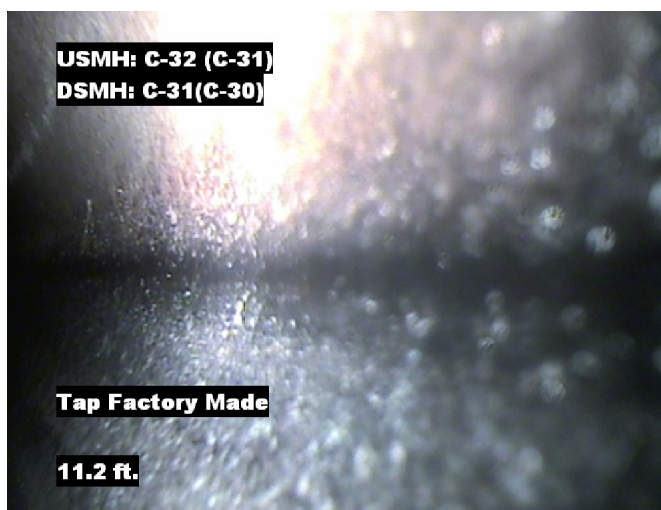
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C-32_C-31	Oliver Springs	Richaeds Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-32	321.4		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-31	321.4		8	8	4



Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: C-32



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



Distance: 11.2 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 158.6 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



## Image Report 4/Page

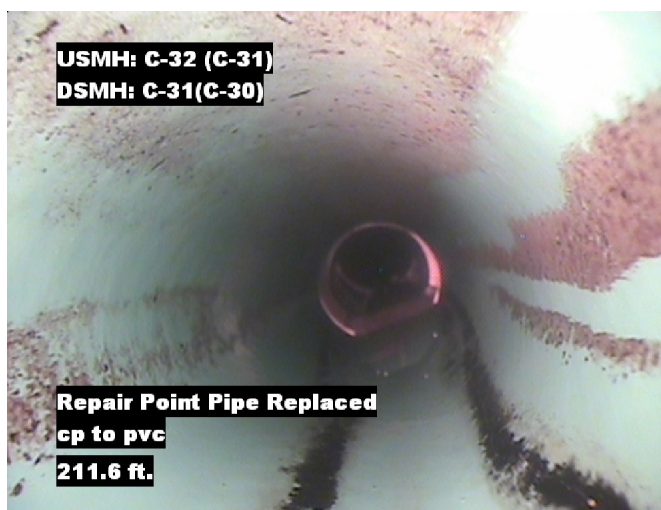
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C-32_C-31	Oliver Springs	Richaeds Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-32	321.4		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-31	321.4		8	8	4



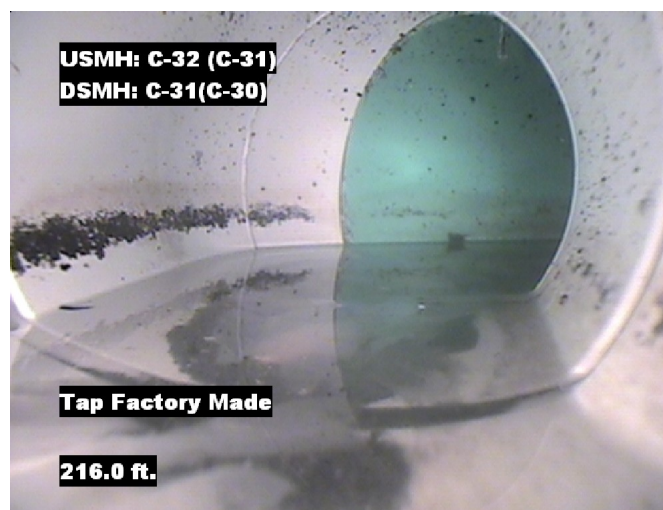
Distance: 188.1 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 210.8 ft. Grade: 2  
Condition: Joint Offset Large  
Remarks: N/A



Distance: 211.6 ft. Grade: 0  
Condition: Repair Point Pipe Replaced  
Remarks: cp to pvc



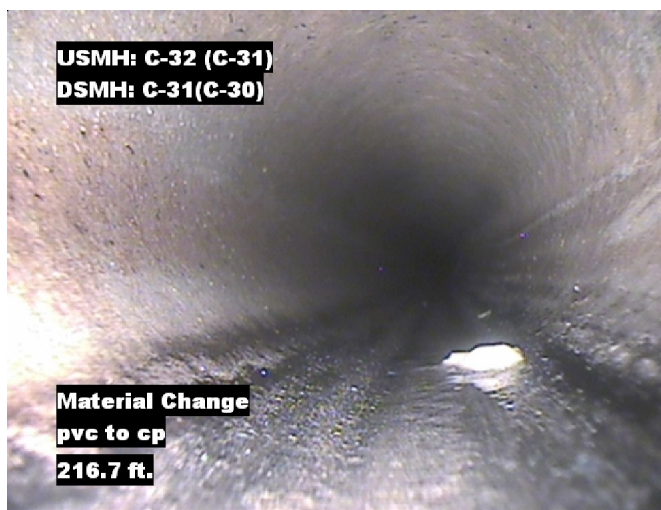
Distance: 216.0 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



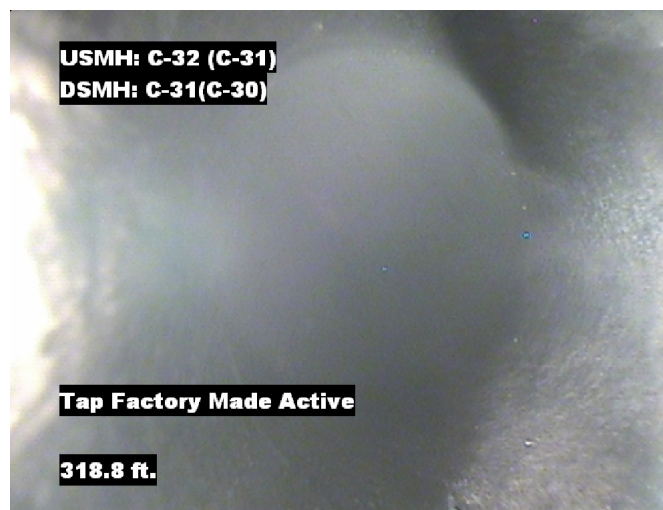


## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C-32_C-31	Oliver Springs	Richaeds Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH C-32	Total Length 321.4	Year Laid	Shape Circular	Location Details	
DS Manhole C-31	Length surveyed 321.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 216.7 ft.      Grade: 0  
Condition: Material Change  
Remarks: pvc to cp



Distance: 318.8 ft.      Grade: 0  
Condition: Tap Factory Made Active  
Remarks: N/A



Distance: 321.4 ft.      Grade: 0  
Condition: Access Point Manhole  
Remarks: C-31



## PACP Conditions

Pipe Segment Refere... <b>C-32_C-31</b>	City <b>Oliver Springs</b>	Street <b>Richaeds Dr</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>C-32</b>	Total Length <b>321.4</b>	Year Laid	Shape <b>Circular</b>	Location Details	
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SPR <b>2</b>	MPR <b>N/A</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>		
SPRI <b>2</b>	MPRI <b>N/A</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>		
QSR <b>2100</b>	QMR <b>N/A</b>	Direction <b>Downstream</b>	Date <b>20150710</b>	Media label	
OPR <b>2</b>	Surveyed By <b>Barry Rogers</b>	Pre-Cleaning <b>Jetting</b>	Time <b>08:44</b>	Weather <b>Dry</b>	
OPRI <b>2</b>	Certificate Number <b>U-1012-16405</b>	Date Cleaned <b>20150710</b>	End Time <b>09:06</b>	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	1	2	2	0	0	2	1	2
			3	0	0	3	0	0	3	0	0
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									
							</				