



Defect Listing

Pipe Segment Refere... C18-1_C-29	City Oliver Springs	Street Richards Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH C18-1	Total Length 215.4	Year Laid	Shape Circular	Location Details	
DS Manhole C-29	Length surveyed 215.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 1	MPR N/A	PO Number 4397-03	Customer GRW
SPRI 1	MPRI N/A	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 1100	QMR N/A		
OPR 1	Surveyed By Barry Rogers	Direction Upstream	Date 20150710
OPRI 1	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 10:31
	Date Cleaned 20150710	End Time 10:40	Weather Dry
			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: C18-1									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
106.3 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
109.6 ft.	Repair Point Pipe Replaced				0	<input type="checkbox"/>			
Remarks: CP to PVC									
111.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
213.7 ft.	Water Level				5	<input type="checkbox"/>			
215.4 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: C-28									



Image Report 4/Page

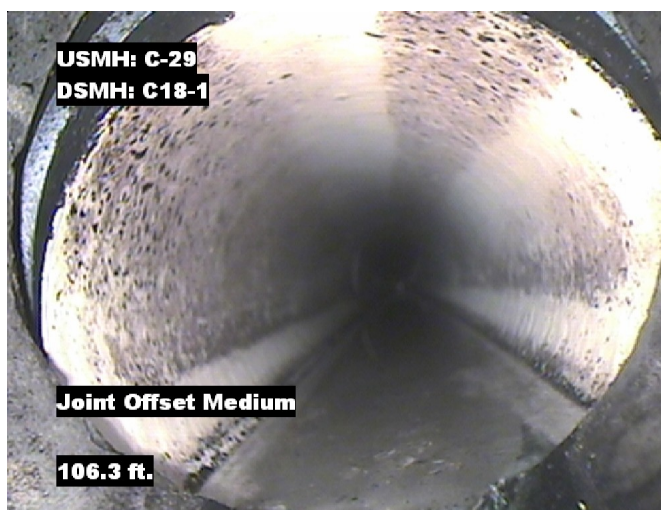
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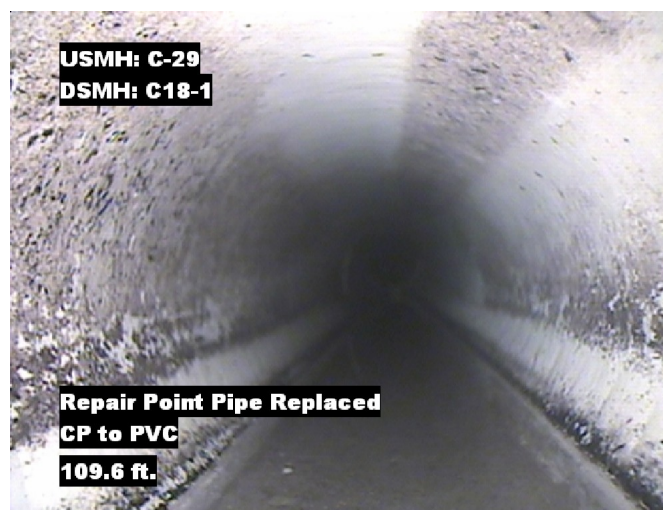
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: C18-1



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



Distance: 106.3 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A



Distance: 109.6 ft. Grade: 0
Condition: Repair Point Pipe Replaced
Remarks: CP to PVC



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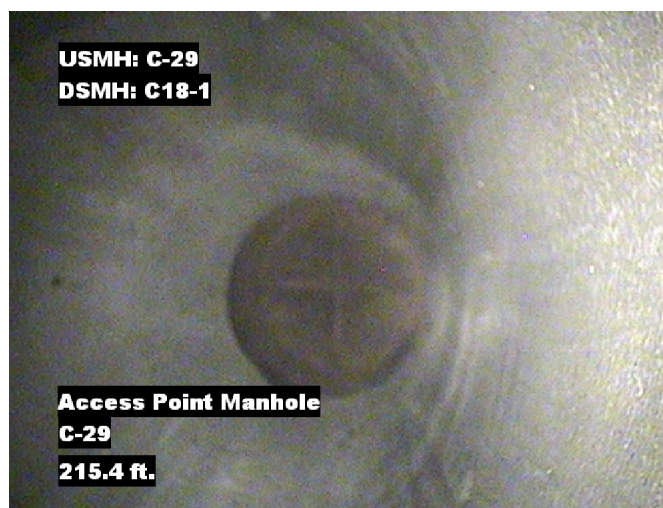
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C18-1_C-29	Oliver Springs	Richards Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
C18-1	215.4		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-29	215.4		8	8	4



Distance: 111.6 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 213.7 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 215.4 ft. Grade: 0
Condition: Access Point Manhole
Remarks: C-28



PACP Conditions

Pipe Segment Refere... C18-1_C-29	City Oliver Springs	Street Richards Dr	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH C18-1	Total Length 215.4	Year Laid	Shape Circular		Location Details	
DS Manhole C-29	Length surveyed 215.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
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SPRI 1	MPRI N/A	Work Order 4397-02		Purpose Pre-Rehabilitation Survey		
QSR 1100	QMR N/A					
OPR 1	Surveyed By Barry_Rogers	Direction Upstream	Date 20150710		Media label	
OPRI 1	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 10:31		Weather Dry	
Date Cleaned 20150710			End Time 10:40		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																				
<div>Continuous Defects</div> <table><tr><td>Code</td><td>ID</td><td>Length</td></tr><tr><td></td><td></td><td></td></tr><tr><td colspan="3"></td></tr></table>			Code	ID	Length							1	1	1	1	0	0	1	1	1
			Code	ID	Length															
			2	0	0	2	0	0	2	0	0									
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												
Subtotals			1			Subtotals	0		Subtotals	1										
SUMMARY			Pipe Rating	1	Pipe Rating	0	Overall Pipe Rating	1												
			Structural Index	1.0	O&M Index	0	Overall Index	1.0												
			Str. Quick Rating	1100	O&M Quick Rating	0000	Ovrl. Quick Rating	1100												