



Defect Listing

Pipe Segment Refere... C-31_C-30	City Oliver Springs	Street Richaeds Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH C-31	Total Length 209.1	Year Laid	Shape Circular	Location Details	
DS Manhole C-30	Length surveyed 209.1	Year Renewed	Height 8	Width 8	Pipe Joint... 4

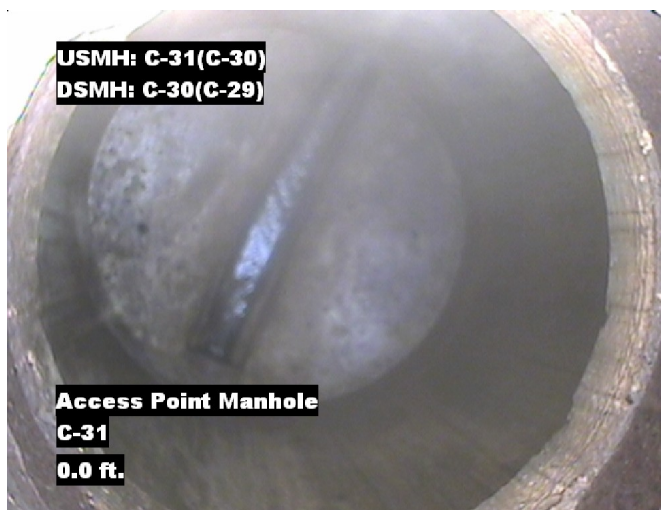
SPR 7	MPR 4	PO Number 4397-03	Customer GRW
SPRI 1.8	MPRI 2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 2311	QMR 2200		
OPR 11	Surveyed By Barry Rogers	Direction Downstream	Date 20150710
OPRI 1.8	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:47
	Date Cleaned 20150710	End Time 09:48	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: C-31									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
74.8 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
76.0 ft.	Joint Offset Medium				0	<input type="checkbox"/>			1
76.0 ft.	Repair Point Pipe Replaced				0	<input type="checkbox"/>			
Remarks: cp to pvc									
79.1 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: pvc to cp									
197.5 ft.	Joint Offset Large				0	<input type="checkbox"/>			2
198.5 ft.	Repair Point Pipe Replaced				0	<input type="checkbox"/>			
Remarks: cp to pvc									
201.8 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
201.9 ft.	Water Level Sag				10	<input type="checkbox"/>			2
204.2 ft.	Joint Offset Large				0	<input type="checkbox"/>			2
208.1 ft.	Water Level Sag				20	<input type="checkbox"/>			2
209.1 ft.	Joint Offset Large				0	<input type="checkbox"/>			2
209.1 ft.	Survey Abandoned				0	<input type="checkbox"/>			
Remarks: Unable to pass Off Set Joint									



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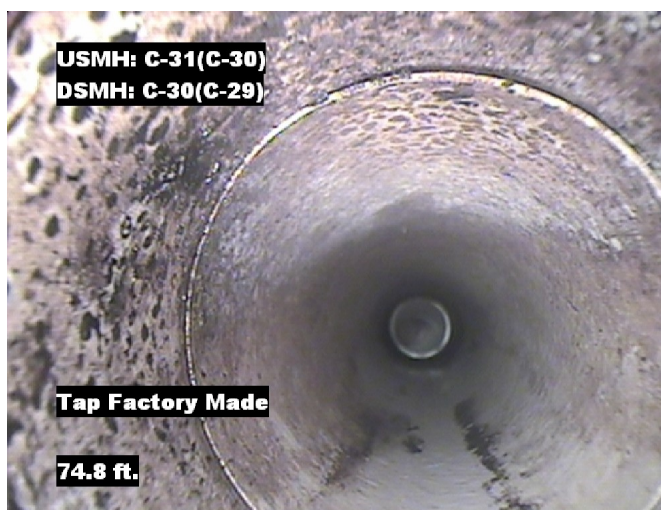
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C-31_C-30	Oliver Springs	Richaeds Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-31	209.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-30	209.1		8	8	4



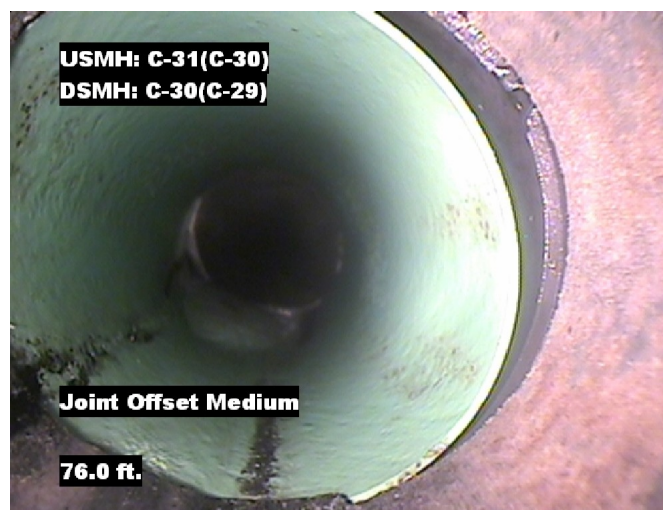
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: C-31



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



Distance: 74.8 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

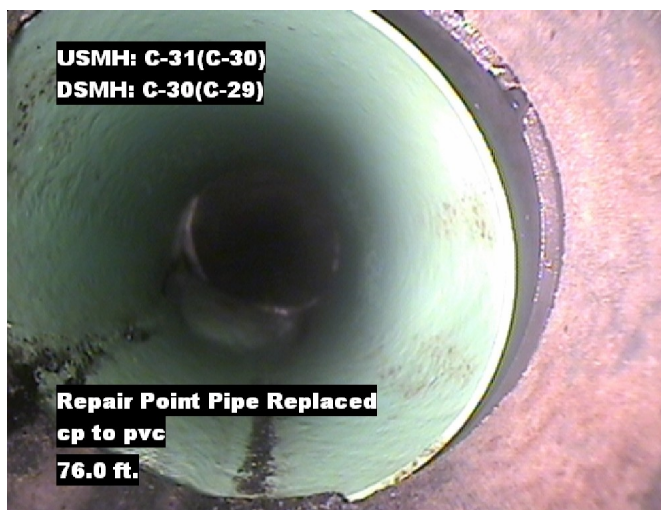


Distance: 76.0 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A

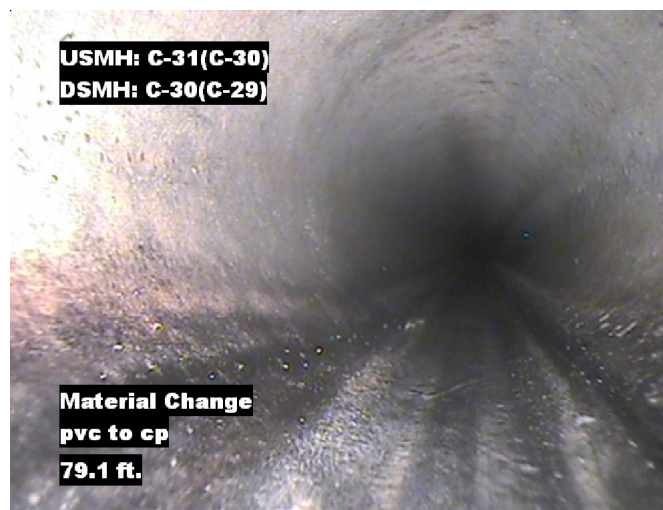


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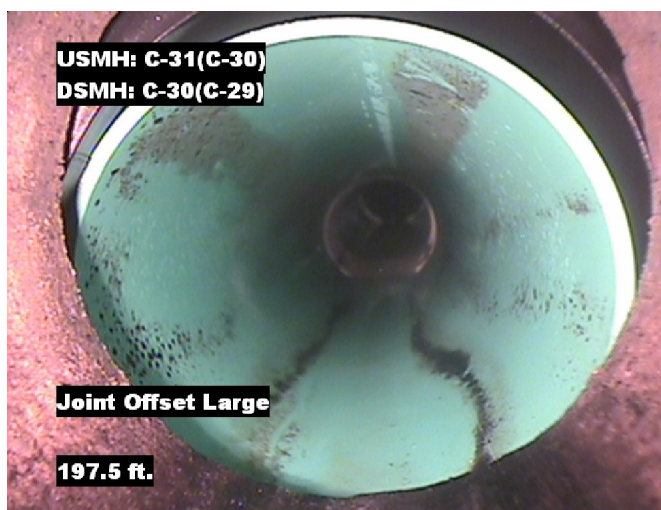
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Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-31	209.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-30	209.1		8	8	4



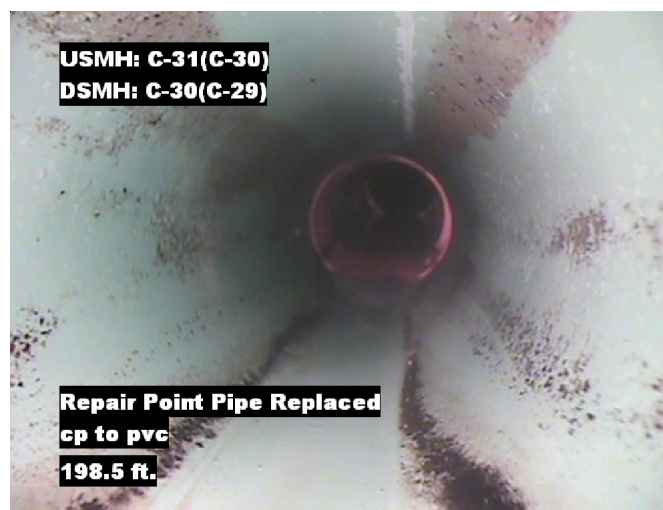
Distance: 76.0 ft. Grade: 0
Condition: Repair Point Pipe Replaced
Remarks: cp to pvc



Distance: 79.1 ft. Grade: 0
Condition: Material Change
Remarks: pvc to cp



Distance: 197.5 ft. Grade: 2
Condition: Joint Offset Large
Remarks: N/A



Distance: 198.5 ft. Grade: 0
Condition: Repair Point Pipe Replaced
Remarks: cp to pvc

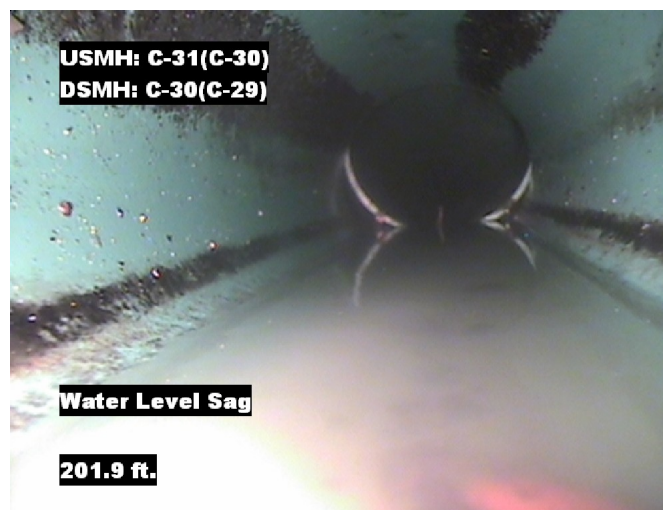


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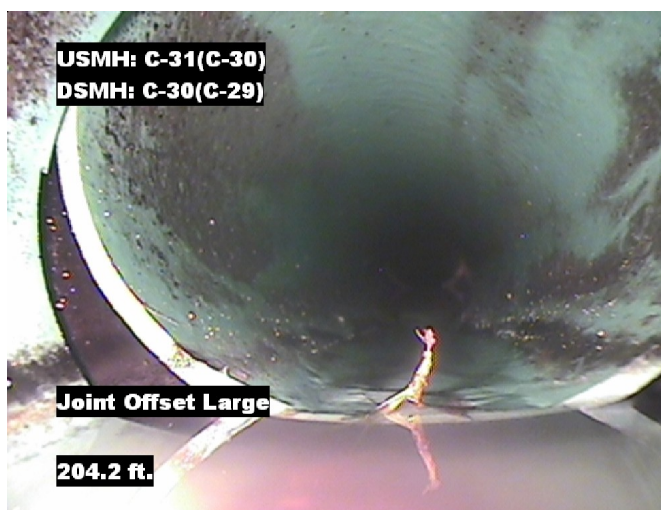
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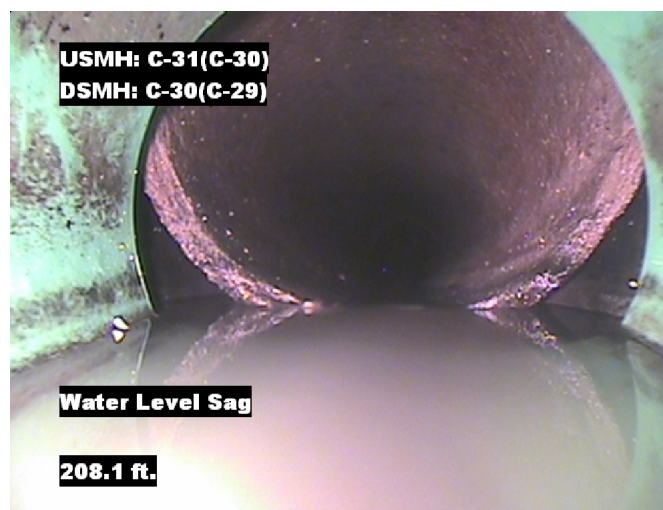
Distance: 201.8 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 201.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 204.2 ft. Grade: 2
Condition: Joint Offset Large
Remarks: N/A

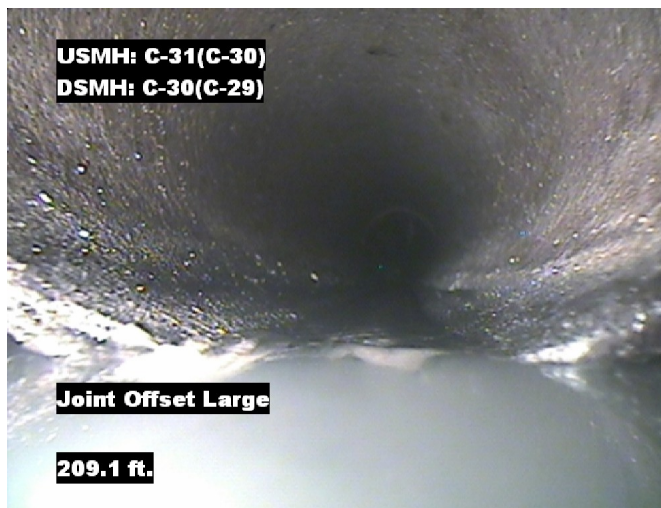


Distance: 208.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

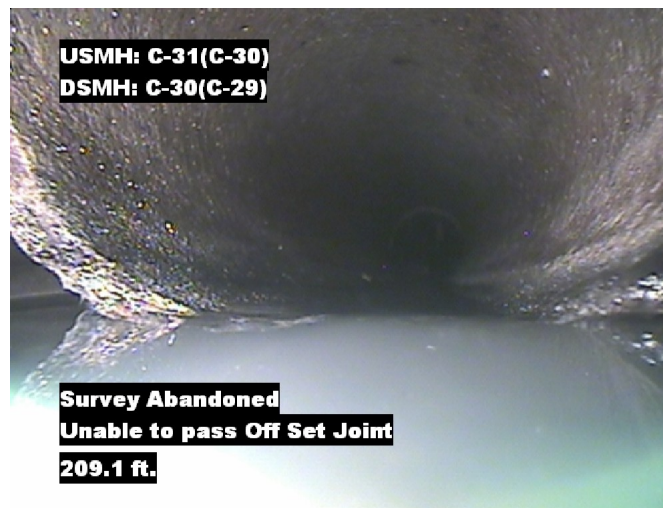


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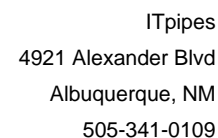
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Distance: 209.1 ft. Grade: 2
Condition: Joint Offset Large
Remarks: N/A



Distance: 209.1 ft. Grade: 0
Condition: Survey Abandoned
Remarks: Unable to pass Off Set Joint



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C-30	209.1		8	8	4	
SPR	7	MPR	4	PO Number		
SPRI	1.8	MPRI	2	Customer		
QSR	2311	QMR	2200	GRW		
OPR				Work Order		
OPRI				Purpose		
1.8				Pre-Rehabilitation Survey		
	Surveyed By	Direction	Date	Media label		
	Barry_Rogers	Downstream	20150710			
	Certificate Number	Pre-Cleaning	Time	Weather		
	U-1012-16405	Jetting	09:47	Dry		
	Date Cleaned	End Time	Additional Info			
	20150710	09:48				

[illegible]