



## Defect Listing

Pipe Segment Refere... <b>C-10_C-9</b>	City <b>Oliver Springs</b>	Street <b>Shoopman Dr</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>C-10</b>	Total Length <b>356.7</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>C-9</b>	Length surveyed <b>356.7</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>N/A</b>

SPR <b>3</b>	MPR <b>44</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>3</b>	MPRI <b>4</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>3100</b>	QMR <b>4A00</b>		
OPR <b>47</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150723</b>
OPRI <b>3.9</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>09:34</b>
	Date Cleaned <b>20150723</b>	End Time <b>09:51</b>	Weather <b>Heavy Rain</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: C-10									
0.0 ft.	Water Level				25	<input type="checkbox"/>			
61.3 ft.	Lining Failure Delaminating				0	<input type="checkbox"/>	12		3
85.2 ft.	Camera Underwater				0	<input type="checkbox"/>			4
262.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
304.7 ft.	Camera Underwater	S01			0	<input type="checkbox"/>			4
356.6 ft.	Camera Underwater	F01			0	<input type="checkbox"/>			4
356.7 ft.	Survey Abandoned				0	<input type="checkbox"/>			
Remarks: Under water due to Surcharged Man hole.									



## Image Report 4/Page

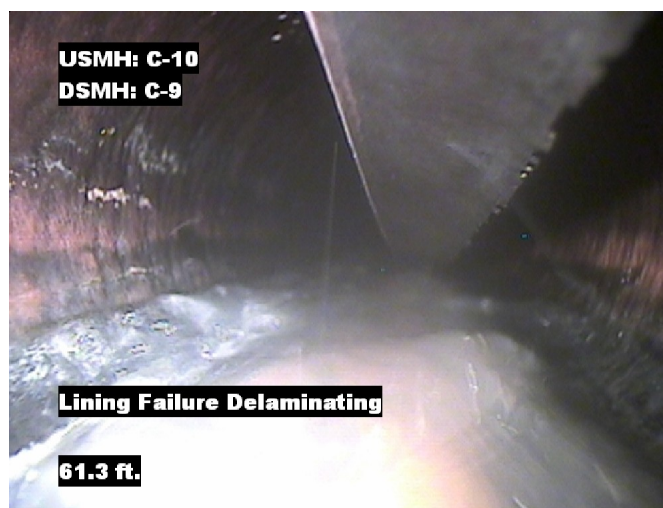
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
C-10_C-9	Oliver Springs	Shoopman Dr	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-10	356.7		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-9	356.7		8	8	N/A



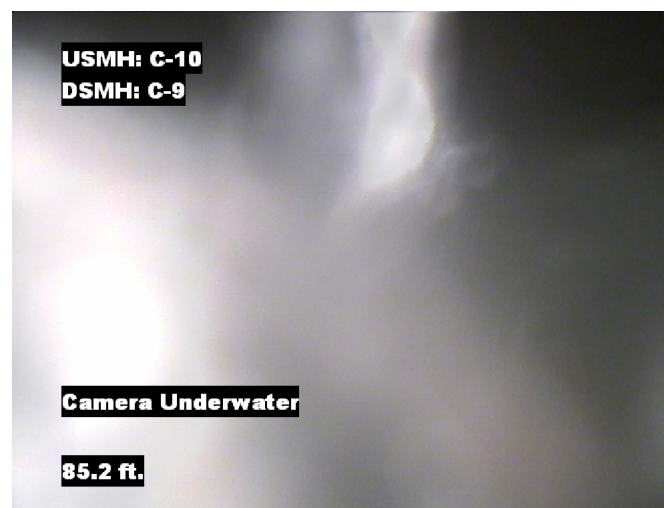
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: C-10



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



Distance: 61.3 ft. Grade: 3  
Condition: Lining Failure Delaminating  
Remarks: N/A



Distance: 85.2 ft. Grade: 4  
Condition: Camera Underwater  
Remarks: N/A

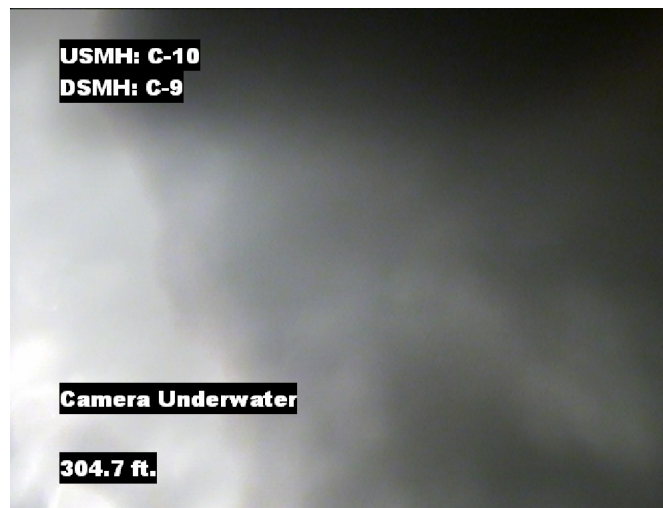


## Image Report 4/Page

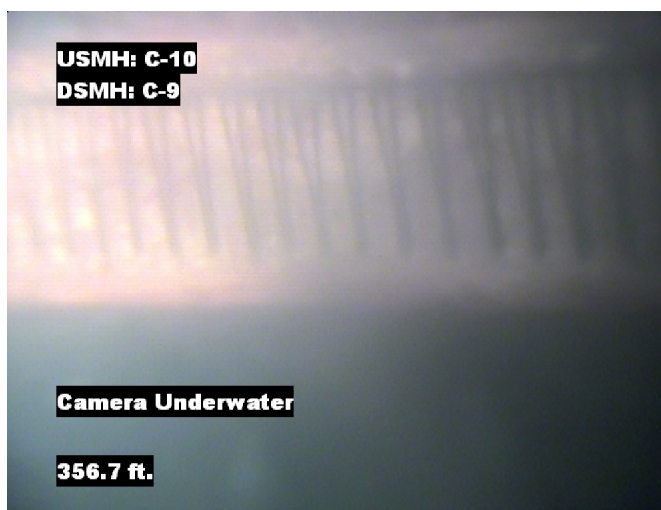
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Upstream MH	Total Length	Year Laid	Shape	Location Details	
C-10	356.7		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
C-9	356.7		8	8	N/A



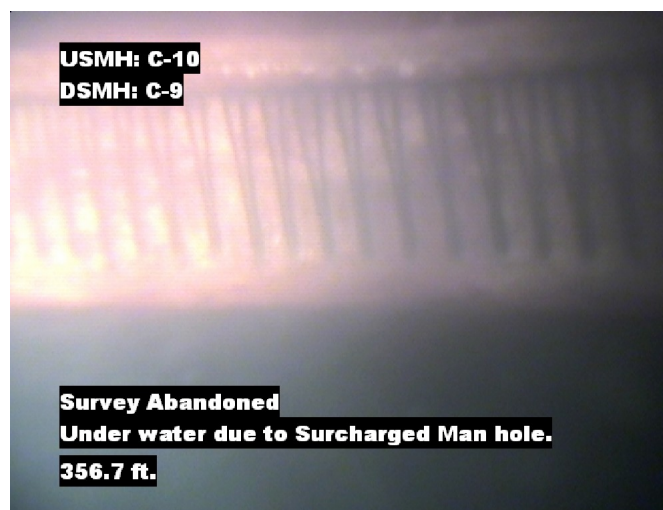
Distance: 262.4 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 304.7 ft. Grade: 4  
Condition: Camera Underwater  
Remarks: N/A



Distance: 356.6 ft. Grade: 4  
Condition: Camera Underwater  
Remarks: N/A



Distance: 356.7 ft. Grade: 0  
Condition: Survey Abandoned  
Remarks: Under water due to Surcharged Man hole.



## PACP Conditions

Pipe Segment Refere... <b>C-10_C-9</b>	City <b>Oliver Springs</b>	Street <b>Shoopman Dr</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
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SPRI <b>3</b>	MPRI <b>4</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>3100</b>	QMR <b>4A00</b>	Direction <b>Downstream</b>		Date <b>20150723</b>	Media label
OPR <b>47</b>	Surveyed By <b>Barry Rogers</b>	Pre-Cleaning <b>Jetting</b>		Time <b>09:34</b>	Weather <b>Heavy Rain</b>
OPRI <b>3.9</b>	Certificate Number <b>U-1012-16405</b>	Date Cleaned <b>20150723</b>		End Time <b>09:51</b>	Additional Info

Normal Defects			Structural Ratings			O & M Ratings			Combined Ratings		
			Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
Continuous Defects			1	0	0	1	0	0	1	0	0
			2	0	0	2	0	0	2	0	0
			3	1	3	3	0	0	3	1	3
			4	0	0	4	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	4	10	40	4	10	40
MCU	F01	51.9									
			Subtotals	1		Subtotals	11		Subtotals	12	
SUMMARY			Pipe Rating		3	Pipe Rating		44	Overall Pipe Rating		47
			Structural Index		3.0	O&M Index		4.0	Overall Index		3.9
			Str. Quick Rating		3100	O&M Quick Rating		4A00	Ovrl. Quick Rating		4A31