



## Defect Listing

Pipe Segment Refere... <b>D11-12_D11-11</b>	City <b>Oliver Springs</b>	Street <b>Norwood Dr</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>D11-12</b>	Total Length <b>324.4</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>D11-11</b>	Length surveyed <b>324.4</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

SPR <b>N/A</b>	MPR <b>4</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>2</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>2200</b>		
OPR <b>4</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150622</b>
OPRI <b>2</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>13:43</b>
	Date Cleaned <b>20150622</b>	End Time <b>13:54</b>	Weather <b>Very Dry</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: D11-12									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
143.7 ft.	Water Level Sag				15	<input type="checkbox"/>			2
228.9 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
259.9 ft.	Water Level Sag				20	<input type="checkbox"/>			2
323.6 ft.	Water Level				10	<input type="checkbox"/>			
324.4 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D11-11									

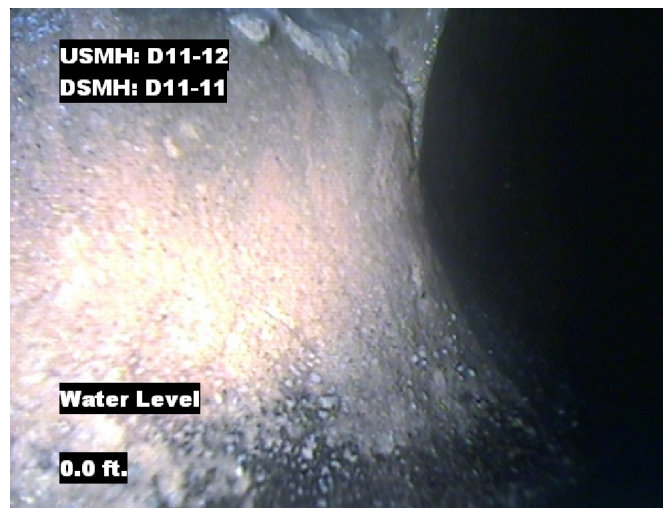


## Image Report 4/Page

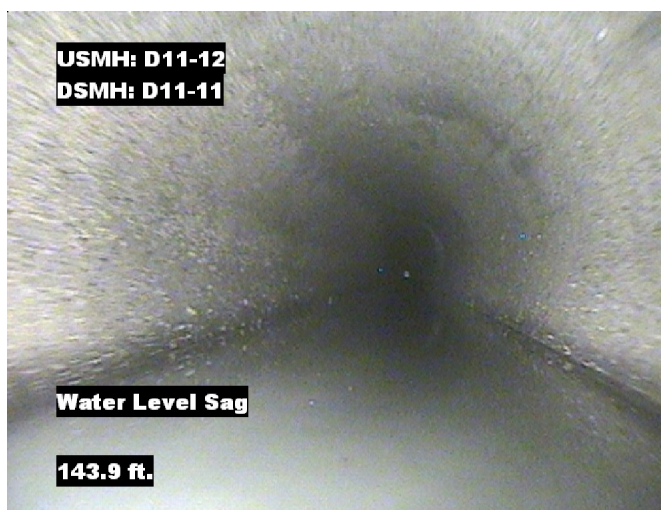
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D11-12_D11-11	Oliver Springs	Norwood Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D11-12	Total Length 324.4	Year Laid	Shape Circular	Location Details	
DS Manhole D11-11	Length surveyed 324.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D11-12



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



Distance: 143.7 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A

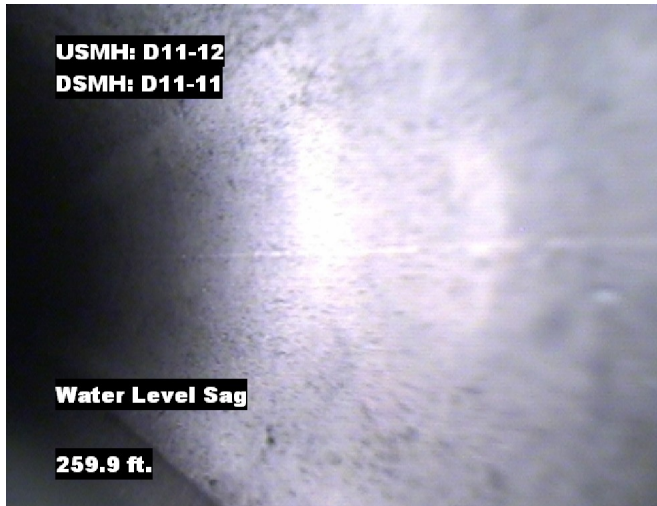


Distance: 228.9 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

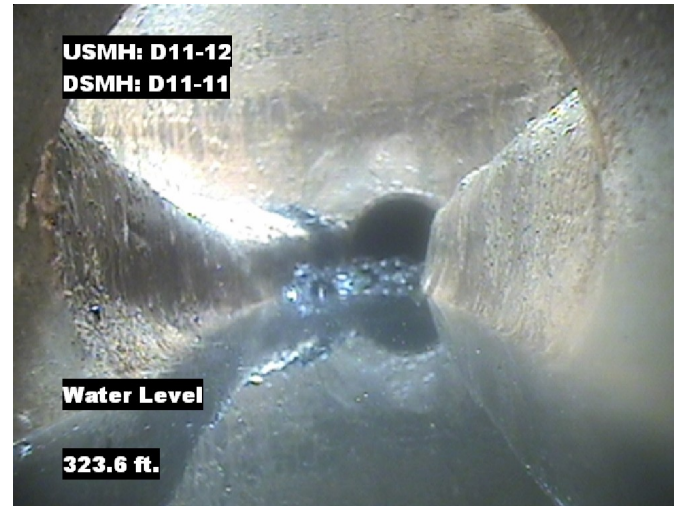


## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D11-12_D11-11	Oliver Springs	Norwood Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D11-12	Total Length 324.4	Year Laid	Shape Circular	Location Details	
DS Manhole D11-11	Length surveyed 324.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 259.9 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 323.6 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 324.4 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D11-11



Pipe Segment Refere... D11-12_D11-11	City Oliver Springs	Street Norwood Dr	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH D11-12	Total Length 324.4	Year Laid	Shape Circular		Location Details	
DS Manhole D11-11	Length surveyed 324.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR N/A	MPR 4	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 2	Work Order 4397-02		Purpose		
QSR N/A	QMR 2200			Pre-Rehabilitation Survey		
OPR 4	Surveyed By Barry_Rogers	Direction Downstream	Date 20150622		Media label	
OPRI 2	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 13:43		Weather Very Dry	
Date Cleaned 20150622			End Time 13:54		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  Code   ID   Length			1	0	0	1	0	0	1	0	0
			2	0	0	2	2	4	2	2	4
			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	0		Subtotals	2		Subtotals	2	
<b>SUMMARY</b>			Pipe Rating	0		Pipe Rating	4		Overall Pipe Rating	4	
			Structural Index	0		O&M Index	2.0		Overall Index	2.0	
			Str. Quick Rating	0000		O&M Quick Rating	2200		Ovrl. Quick Rating	2200	