



## Defect Listing

Pipe Segment Refere... <b>D14-1_D11-7</b>	City <b>Oliver Springs</b>	Street <b>First Norway</b>	Material <b>PolyVinyl Chloride</b>		Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>D14-1</b>	Total Length <b>298</b>	Year Laid	Shape <b>Circular</b>		Location Details	
DS Manhole <b>D11-7</b>	Length surveyed <b>298</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>13</b>	

SPR <b>3</b>	MPR <b>N/A</b>	PO Number <b>4397-03</b>		Customer <b>GRW</b>	
SPRI <b>3</b>	MPRI <b>N/A</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>3100</b>	QMR <b>N/A</b>				
OPR <b>3</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Downstream</b>	Date <b>20150623</b>	Media label	
OPRI <b>3</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>10:14</b>	Weather <b>Dry</b>	
Date Cleaned <b>20150623</b>			End Time <b>10:42</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: D14-1									
0.0 ft.	Water Level				0	<input type="checkbox"/>			
10.6 ft.	Hole				0	<input type="checkbox"/>	9		3
195.7 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
210.3 ft.	Tap Factory Made Capped		6		0	<input type="checkbox"/>	3		
298.0 ft.	Water Level				5	<input type="checkbox"/>			
298.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D11-7									



## Image Report 4/Page

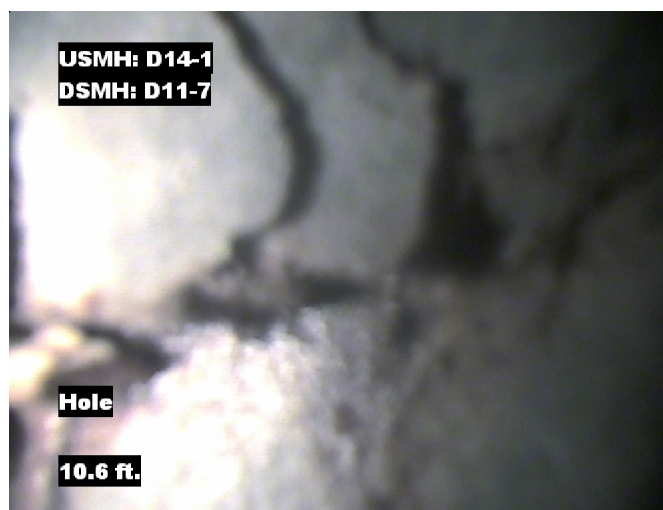
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D14-1_D11-7	Oliver Springs	First Norway	PolyVinyl Chloride	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D14-1	298		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D11-7	298		8	8	13



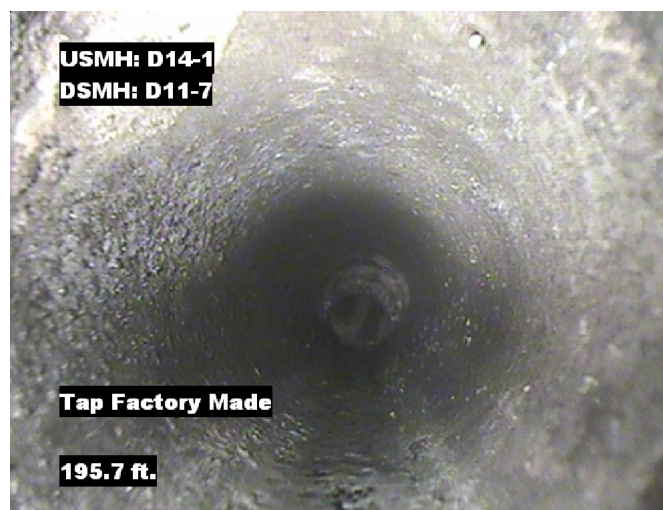
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D14-1



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



Distance: 10.6 ft. Grade: 3  
Condition: Hole  
Remarks: N/A

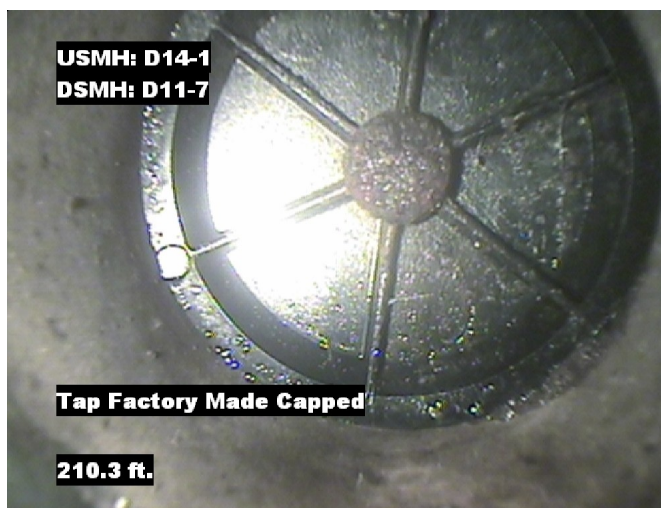


Distance: 195.7 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A

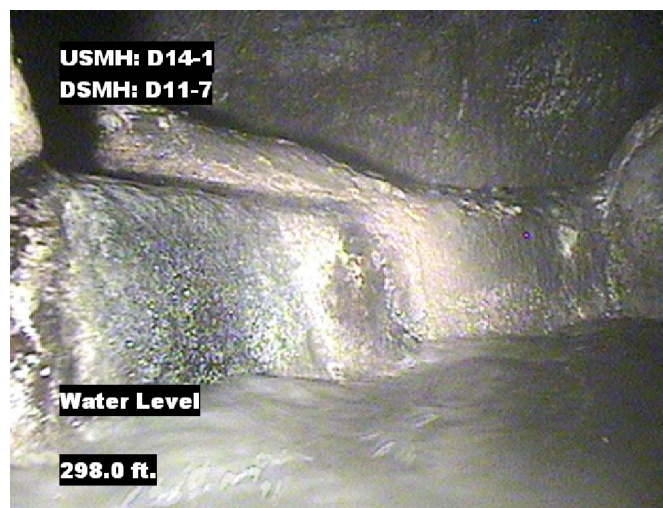


## Image Report 4/Page

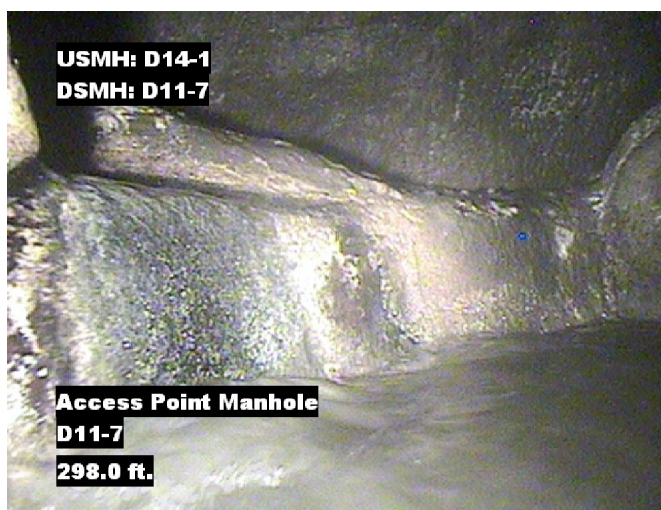
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D14-1_D11-7	Oliver Springs	First Norway	PolyVinyl Chloride	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D14-1	298		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D11-7	298		8	8	13



Distance: 210.3 ft. Grade: 0  
Condition: Tap Factory Made Capped  
Remarks: N/A



Distance: 298.0 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 298.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D11-7





Pipe Segment Refere... D14-1_D11-7	City Oliver Springs	Street First Norway	Material PolyVinyl Chloride		Location C... Easement/R...	Sewer Use Sanitary
Upstream MH D14-1	Total Length 298	Year Laid	Shape Circular		Location Details	
DS Manhole D11-7	Length surveyed 298	Year Renewed	Height 8	Width 8	Pipe Joint... 13	
SPR 3	MPR N/A	PO Number 4397-03		Customer GRW		
SPRI 3	MPRI N/A	Work Order 4397-02		Purpose		
QSR 3100	QMR N/A			Pre-Rehabilitation Survey		
OPR 3	Surveyed By Barry_Rogers	Direction Downstream	Date 20150623		Media label	
OPRI 3	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 10:14		Weather Dry	
Date Cleaned 20150623			End Time 10:42		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	0	0	2	0	0	2	0	0
			3	1	3	3	0	0	3	1	3
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									
			Subtotals	1		Subtotals	0		Subtotals	1	
SUMMARY			Pipe Rating	3	Pipe Rating	0	Overall Pipe Rating	3			
			Structural Index	3.0	O&M Index	0	Overall Index	3.0			
			Str. Quick Rating	3100	O&M Quick Rating	0000	Ovrl. Quick Rating	3100			