



## Defect Listing

Pipe Segment Refere... <b>E15-1_E-14</b>	City <b>Oliver Springs</b>	Street <b>Cedar Ln</b>	Material <b>PolyVinyl Chloride</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>E15-1</b>	Total Length <b>132</b>	Year Laid	Shape <b>Circular</b>	Location Details <b>Back of Houses</b>	
DS Manhole <b>E-14</b>	Length surveyed <b>132</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>13</b>

SPR <b>N/A</b>	MPR <b>8</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>2400</b>		
OPR <b>8</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Upstream</b>	Date <b>20150605</b>
OPRI <b>2</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>11:07</b>
	Date Cleaned <b>20150605</b>	End Time <b>11:28</b>	Weather <b>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: E15-1									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
6.0 ft.	Water Level Sag				15	<input type="checkbox"/>			2
13.9 ft.	Water Level				5	<input type="checkbox"/>			
39.5 ft.	Water Level Sag				20	<input type="checkbox"/>			2
80.1 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
97.9 ft.	Water Level Sag				15	<input type="checkbox"/>			2
121.0 ft.	Water Level Sag				20	<input type="checkbox"/>			2
132.0 ft.	Water Level				5	<input type="checkbox"/>			
132.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: E-14									



## Image Report 4/Page

Pipe Segment Refere... <b>E15-1_E-14</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Cedar Ln</b>	<b>Material</b> <b>PolyVinyl Chloride</b>		<b>Location C...</b> <b>Easement/R...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>E15-1</b>	Total Length <b>132</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details <b>Back of Houses</b>	
<b>DS Manhole</b> <b>E-14</b>	<b>Length surveyed</b> <b>132</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint...	<b>13</b>



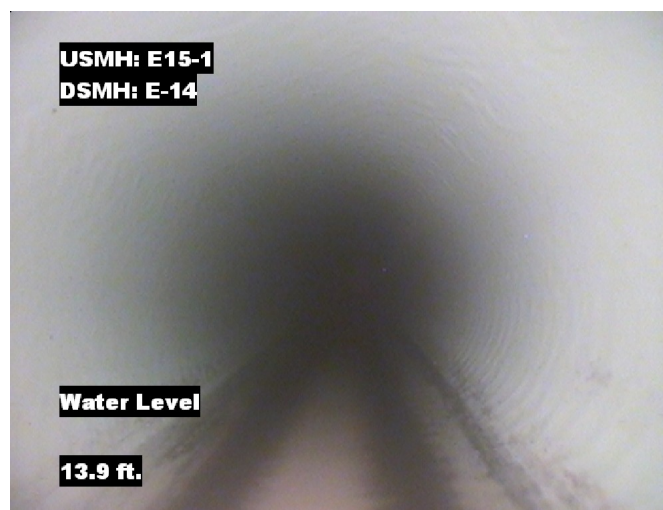
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: E15-1



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



Distance: 6.0 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 13.9 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
E15-1_E-14	Oliver Springs	Cedar Ln	PolyVinyl Chloride	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
E15-1	132		Circular	Back of Houses	
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
E-14	132		8	8	13



Distance: 39.5 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 80.1 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 97.9 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



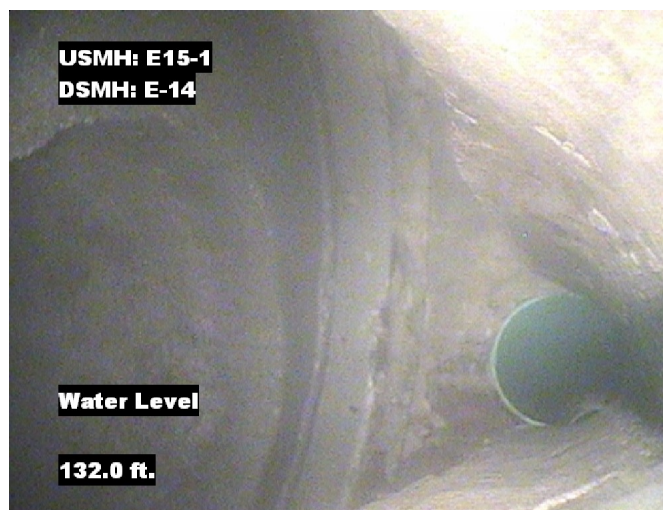
Distance: 121.0 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



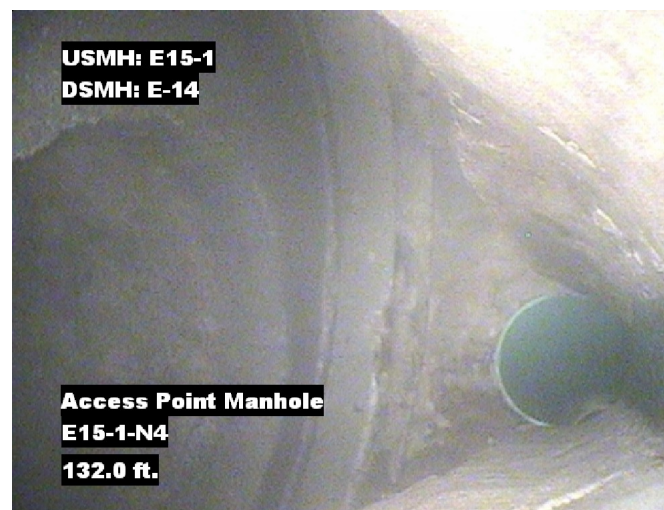


## Image Report 4/Page

Pipe Segment Refere... <b>E15-1_E-14</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Cedar Ln</b>	<b>Material</b> <b>PolyVinyl Chloride</b>		<b>Location C...</b> <b>Easement/R...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>E15-1</b>	Total Length <b>132</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details <b>Back of Houses</b>	
<b>DS Manhole</b> <b>E-14</b>	<b>Length surveyed</b> <b>132</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint... <b>13</b>	



Distance: 132.0 ft.      Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 132.0 ft.      Grade: 0  
Condition: Access Point Manhole  
Remarks: E-14



Pipe Segment Refere... E15-1_E-14	City Oliver Springs	Street Cedar Ln	Material PolyVinyl Chloride		Location C... Easement/R...	Sewer Use Sanitary
Upstream MH E15-1	Total Length 132	Year Laid	Shape Circular		Location Details Back of Houses	
DS Manhole E-14	Length surveyed 132	Year Renewed	Height 8	Width 8	Pipe Joint... 13	
SPR N/A	MPR 8	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 2	Work Order 4397-02		Purpose Pre-Rehabilitation Survey		
QSR N/A	QMR 2400					
OPR 8	Surveyed By Barry_Rogers	Direction Upstream	Date 20150605		Media label	
OPRI 2	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 11:07		Weather Dry	
Date Cleaned 20150605			End Time 11:28		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> <div>CodeIDLength</div>			1	0	0	1	0	0	1	0	0
			2	0	0	2	4	8	2	4	8
			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	4		Subtotals	4		
SUMMARY			Pipe Rating	0	Pipe Rating	8	Overall Pipe Rating	8			
			Structural Index	0	O&M Index	2.0	Overall Index	2.0			
			Str. Quick Rating	0000	O&M Quick Rating	2400	Ovrl. Quick Rating	2400			