



## Defect Listing

Pipe Segment Refere... <b>B-14_B-13</b>	City <b>Oliver Springs</b>	Street <b>Cemetery Rd</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>B-14</b>	Total Length <b>327.8</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>B-13</b>	Length surveyed <b>327.8</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>N/A</b>

SPR <b>5</b>	MPR <b>11</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>5</b>	MPRI <b>2.8</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>5100</b>	QMR <b>5123</b>		
OPR <b>16</b>	Surveyed By <b>Charlie Gordon</b>	Direction <b>Downstream</b>	Date <b>20150911</b>
OPRI <b>3.2</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>Jetting</b>	Time <b>09:19</b>
	Date Cleaned <b>20150911</b>	End Time <b>09:43</b>	Weather <b>Damp</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: B-14									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
273.8 ft.	Water Level Sag				10	<input type="checkbox"/>			2
279.0 ft.	Hole Void Visible				0	<input type="checkbox"/>	12		5
279.0 ft.	Infiltration Gusher				0	<input type="checkbox"/>	7	5	5
304.3 ft.	Water Level				10	<input type="checkbox"/>			
312.1 ft.	Deposits Attached Grease	S01			5	<input type="checkbox"/>	11	1	2
324.4 ft.	Deposits Attached Grease	F01			5	<input type="checkbox"/>	11	1	2
325.0 ft.	Water Level				5	<input type="checkbox"/>			
327.8 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: B-13									

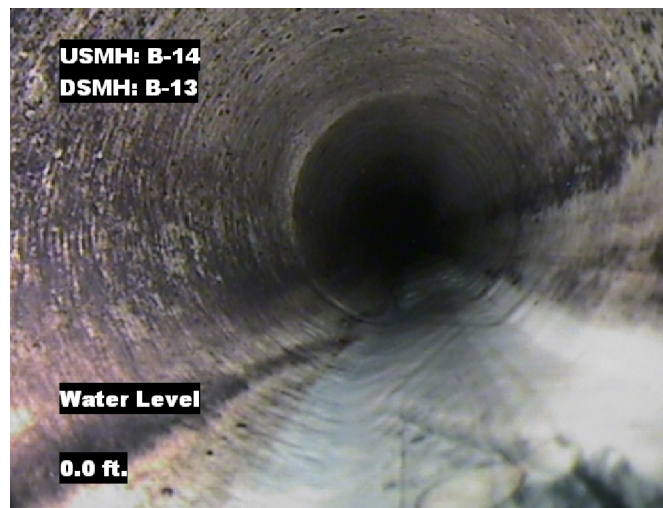


## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>B-14_B-13</b>	<b>Oliver Springs</b>	<b>Cemetery Rd</b>	<b>Fibreglass Reinforc...</b>	<b>Easement/R...</b>	<b>Sanitary</b>
<b>Upstream MH</b>	Total Length	Year Laid	<b>Shape</b>	Location Details	
<b>B-14</b>	<b>327.8</b>		<b>Circular</b>		
<b>DS Manhole</b>	<b>Length surveyed</b>	Year Renewed	<b>Height</b>	Width	Pipe Joint...
<b>B-13</b>	<b>327.8</b>		<b>8</b>	<b>8</b>	<b>N/A</b>



Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: B-14



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



Distance: 273.8 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 279.0 ft. Grade: 5  
Condition: Hole Void Visible  
Remarks: N/A



## Image Report 4/Page

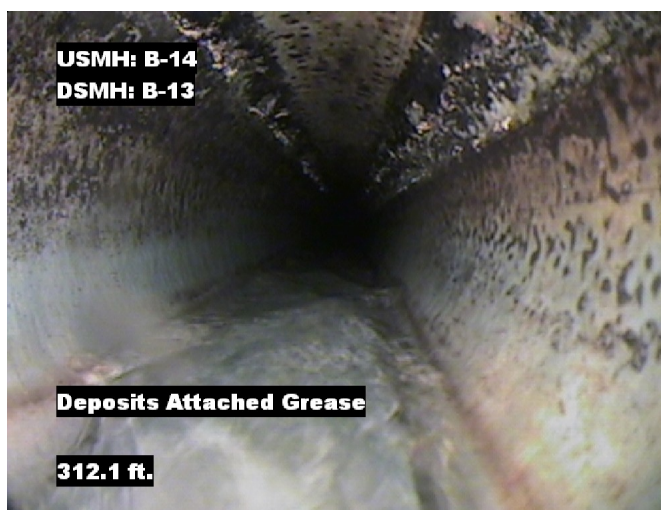
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
<b>B-14_B-13</b>	<b>Oliver Springs</b>	<b>Cemetery Rd</b>	<b>Fibreglass Reinforc...</b>	<b>Easement/R...</b>	<b>Sanitary</b>
<b>Upstream MH</b>	Total Length	Year Laid	<b>Shape</b>	Location Details	
<b>B-14</b>	<b>327.8</b>		<b>Circular</b>		
<b>DS Manhole</b>	<b>Length surveyed</b>	Year Renewed	<b>Height</b>	Width	Pipe Joint...
<b>B-13</b>	<b>327.8</b>		<b>8</b>	<b>8</b>	<b>N/A</b>



Distance: 279.0 ft. Grade: 5  
Condition: Infiltration Gusher  
Remarks: N/A



Distance: 304.3 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 312.1 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



Distance: 324.4 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



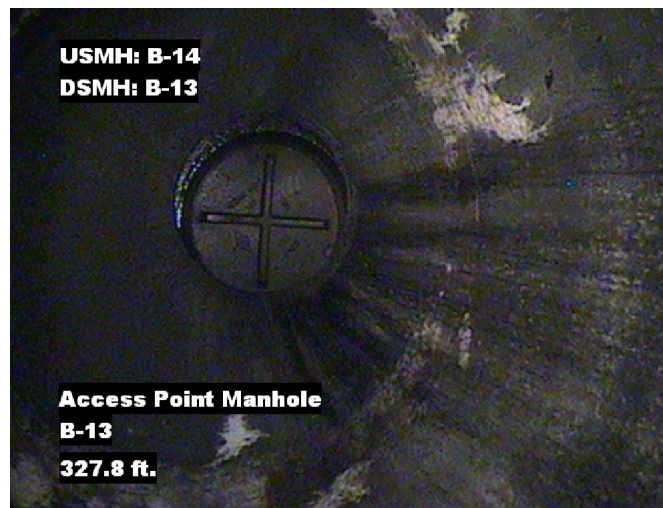


## Image Report 4/Page

Pipe Segment Refere... <b>B-14_B-13</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Cemetery Rd</b>	<b>Material</b> <b>Fibreglass Reinforc...</b>		<b>Location C...</b> <b>Easement/R...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>B-14</b>	Total Length <b>327.8</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>B-13</b>	<b>Length surveyed</b> <b>327.8</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint...	<b>N/A</b>



Distance: 325.0 ft.      Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 327.8 ft.      Grade: 0  
Condition: Access Point Manhole  
Remarks: B-13



## PACP Conditions

Pipe Segment Refere... <b>B-14_B-13</b>	City <b>Oliver Springs</b>	Street <b>Cemetery Rd</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
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DS Manhole <b>B-13</b>	Length surveyed <b>327.8</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>N/A</b>
SPR <b>5</b>	MPR <b>11</b>	PO Number <b>4397-03</b>		Customer <b>GRW</b>	
SPRI <b>5</b>	MPRI <b>2.8</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>5100</b>	QMR <b>5123</b>	Direction <b>Downstream</b>		Date <b>20150911</b>	Media label
OPR <b>16</b>	Surveyed By <b>Charlie Gordon</b>	Pre-Cleaning <b>Jetting</b>		Time <b>09:19</b>	Weather <b>Damp</b>
OPRI <b>3.2</b>	Certificate Number <b>U-615-07000491</b>	Date Cleaned <b>20150911</b>		End Time <b>09:43</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	1	2	2	1	2			
			3	0	0	3	0	0	3	0	0			
			4	0	0	4	0	0	4	0	0			
			5	1	5	5	1	5	5	2	10			
Code	ID	Length	0	0	0	2	2	4	2	2	4			
DAGS	F01	12.3												
			Subtotals			1	Subtotals			4	Subtotals			5
SUMMARY			Pipe Rating		5	Pipe Rating		11	Overall Pipe Rating		16			
			Structural Index		5.0	O&M Index		2.8	Overall Index		3.2			
			Str. Quick Rating		5100	O&M Quick Rating		5123	Ovrl. Quick Rating		5223			