



## Defect Listing

Pipe Segment Refere... <b>A-50_A-49</b>	City <b>Oliver Springs</b>	Street <b>Windrock</b>	Material <b>PolyVinyl Chloride</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>A-50</b>	Total Length <b>67.1</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>A-49</b>	Length surveyed <b>67.1</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>13</b>

SPR <b>N/A</b>	MPR <b>22</b>	PO Number <b>4397-03</b>		Customer <b>GRW</b>	
SPRI <b>N/A</b>	MPRI <b>2.2</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>N/A</b>	QMR <b>4129</b>				
OPR <b>22</b>	Surveyed By <b>Charlie Gordon</b>	Direction <b>Downstream</b>	Date <b>20150901</b>	Media label	
OPRI <b>2.2</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>No Pre-Cleaning</b>	Time <b>13:19</b>	Weather <b>Dry</b>	
Date Cleaned			End Time <b>13:31</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: A-50									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
6.0 ft.	Deposits Settled Compacted				10	<input type="checkbox"/>	6		2
9.7 ft.	Camera Underwater					<input type="checkbox"/>			4
29.8 ft.	Water Level Sag	S01			10	<input type="checkbox"/>			2
67.1 ft.	Deposits Settled Compacted				10	<input type="checkbox"/>	6		2
67.1 ft.	Water Level Sag	F01			10	<input type="checkbox"/>			2
67.1 ft.	Survey Abandoned				0	<input type="checkbox"/>			
Remarks: DPOSITS IN LINE									

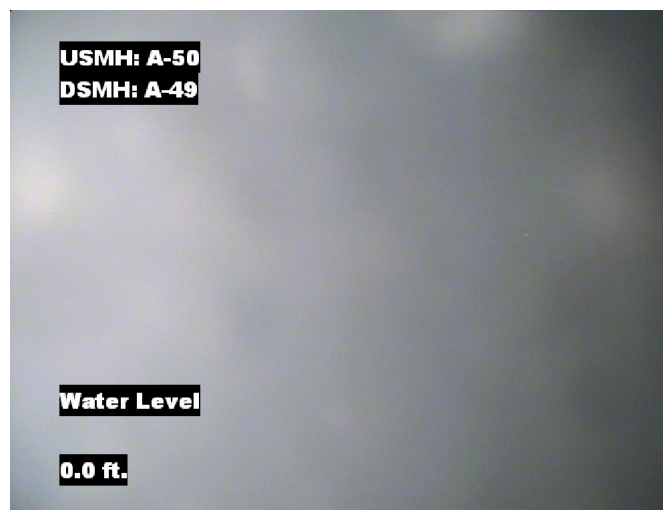


## Image Report 4/Page

Pipe Segment Refere... <b>A-50_A-49</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Windrock</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>A-50</b>	Total Length <b>67.1</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A-49</b>	<b>Length surveyed</b> <b>67.1</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: A-50



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



Distance: 6.0 ft. Grade: 2  
Condition: Deposits Settled Compacted  
Remarks: N/A



Distance: 9.7 ft. Grade: 4  
Condition: Camera Underwater  
Remarks: N/A

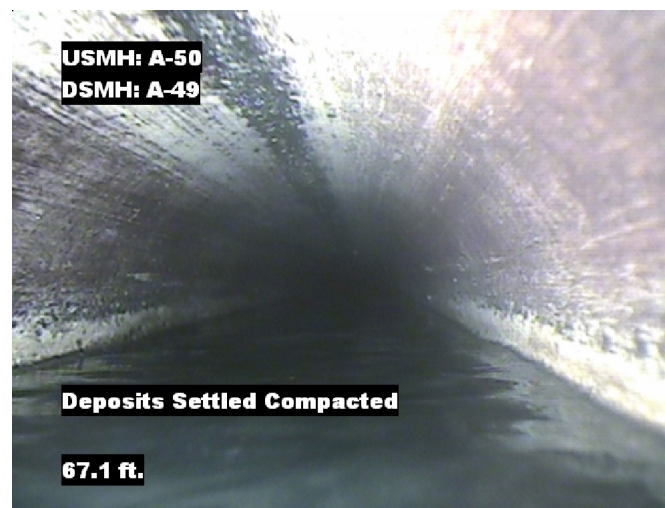


## Image Report 4/Page

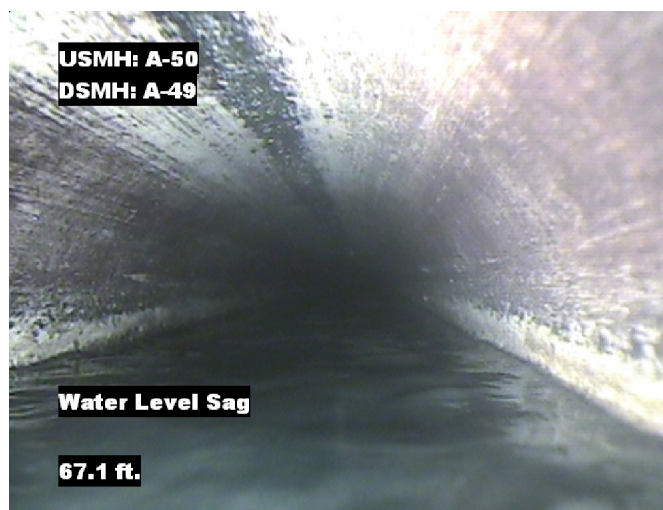
Pipe Segment Refere... <b>A-50_A-49</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Windrock</b>	<b>Material</b> <b>PolyVinyl Chloride</b>		<b>Location C...</b> <b>Easement/R...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A-50</b>	Total Length <b>67.1</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A-49</b>	<b>Length surveyed</b> <b>67.1</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint...	<b>13</b>



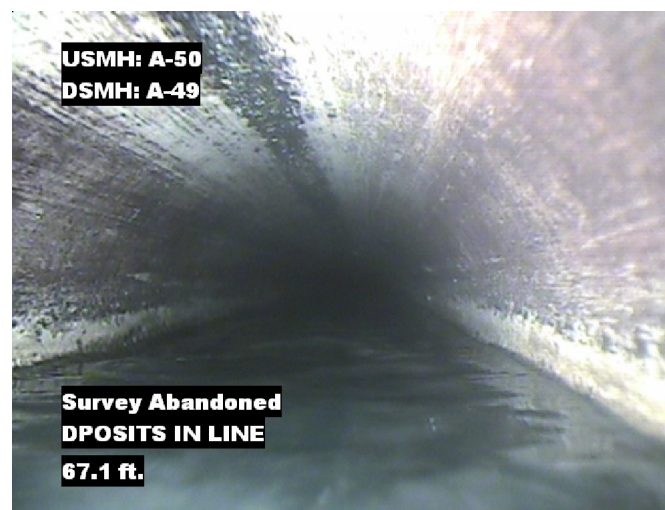
Distance: 29.8 ft.      Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 67.1 ft.      Grade: 2  
Condition: Deposits Settled Compacted  
Remarks: N/A



Distance: 67.1 ft.      Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 67.1 ft.      Grade: 0  
Condition: Survey Abandoned  
Remarks: DPOSITS IN LINE



## PACP Conditions

Pipe Segment Refere... <b>A-50_A-49</b>	City <b>Oliver Springs</b>	Street <b>Windrock</b>	Material <b>PolyVinyl Chloride</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
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SPRI <b>N/A</b>	MPRI <b>2.2</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>N/A</b>	QMR <b>4129</b>				
OPR <b>22</b>	Surveyed By <b>Charlie Gordon</b>	Direction <b>Downstream</b>	Date <b>20150901</b>	Media label	
OPRI <b>2.2</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>No Pre-Cleaning</b>	Time <b>13:19</b>	Weather <b>Dry</b>	
Date Cleaned			End Time <b>13:31</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	2	4	2	2	4
			3	0	0	3	0	0	3	0	0
			4	0	0	4	1	4	4	1	4
			5	0	0	5	0	0	5	0	0
Code	ID	Length	0	0	0	2	7	14	2	7	14
MWLS	F01	37.3									
			Subtotals	0		Subtotals	10		Subtotals	10	
SUMMARY			Pipe Rating		0	Pipe Rating		22	Overall Pipe Rating		22
			Structural Index		0	O&M Index		2.2	Overall Index		2.2
			Str. Quick Rating		0000	O&M Quick Rating		4129	Ovrl. Quick Rating		4129