



### Defect Listing

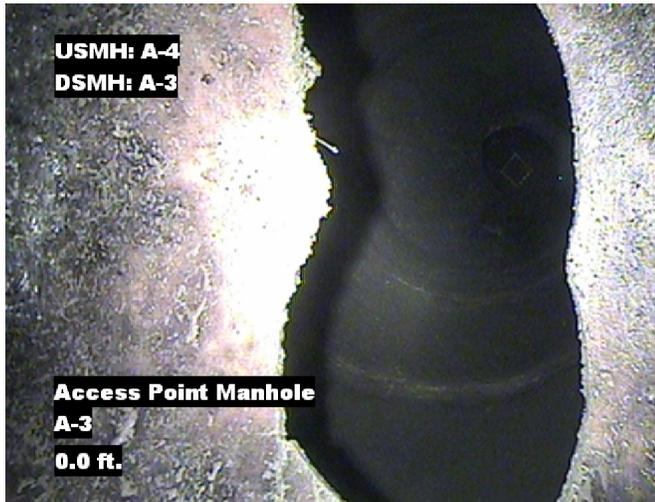
Pipe Segment Refere... <b>A-4_A-3</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Pump Station</b>	<b>Material</b> <b>Fibreglass Reinforc...</b>	<b>Location C...</b> <b>Easement/R...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A-4</b>	Total Length <b>251.5</b>	Year Laid	<b>Shape</b> <b>Circular</b>	Location Details	
<b>DS Manhole</b> <b>A-3</b>	<b>Length surveyed</b> <b>251.5</b>	Year Renewed	<b>Height</b> <b>21</b>	<b>Width</b> <b>21</b>	<b>Pipe Joint...</b> <b>N/A</b>

SPR <b>N/A</b>	MPR <b>103</b>	PO Number <b>4397-03</b>		<b>Customer</b> <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>312I</b>	<b>Direction</b> <b>Upstream</b>	<b>Date</b> <b>20151007</b>	<b>Media label</b>	
OPR <b>103</b>	<b>Surveyed By</b> <b>Charlie_Gordon</b>	<b>Pre-Cleaning</b> <b>No Pre-Cleaning</b>	<b>Time</b> <b>13:31</b>	<b>Weather</b> <b>Damp</b>	
OPRI <b>2</b>	<b>Certificate Number</b> <b>U-615-07000491</b>		<b>End Time</b> <b>13:41</b>	<b>Additional Info</b>	
	<b>Date Cleaned</b>				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
<b>Remarks:</b> A-3									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
3.1 ft.	Infiltration Stain				0	<input type="checkbox"/>	7	12	
3.1 ft.	Infiltration Dripper				0	<input type="checkbox"/>	11		3
3.1 ft.	Deposits Attached Grease	S01			5	<input type="checkbox"/>	7	5	2
66.2 ft.	Water Level				10	<input type="checkbox"/>			
249.6 ft.	Water Level				5	<input type="checkbox"/>			
251.5 ft.	Deposits Attached Grease	F01			5	<input type="checkbox"/>	7	5	2
251.5 ft.	Access Point Manhole				0	<input type="checkbox"/>			
<b>Remarks:</b> A-4									

### Image Report 4/Page

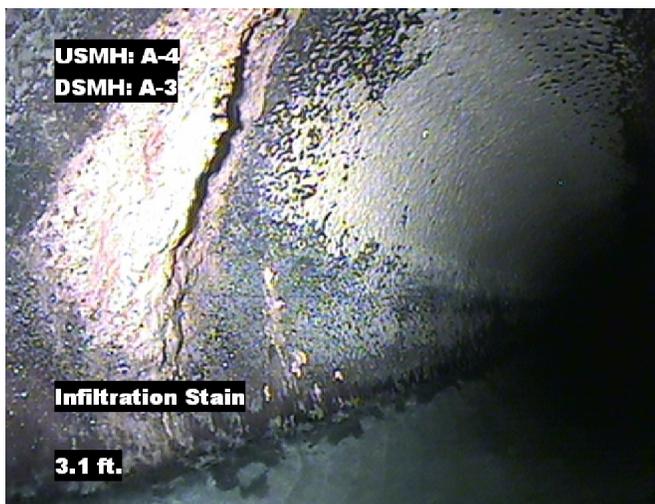
Pipe Segment Refere... <b>A-4_A-3</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Pump Station</b>	<b>Material</b> <b>Fibreglass Reinforc...</b>		<b>Location C...</b> <b>Easement/R...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A-4</b>	Total Length <b>251.5</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A-3</b>	<b>Length surveyed</b> <b>251.5</b>	Year Renewed	<b>Height</b> <b>21</b>	Width <b>21</b>	Pipe Joint...	<b>N/A</b>



Distance: 0.0 ft.      Grade: 0  
 Condition: Access Point Manhole  
 Remarks: A-3



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



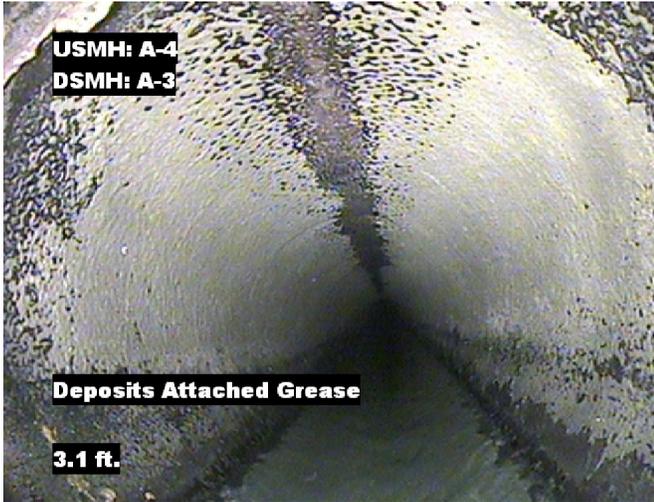
Distance: 3.1 ft.      Grade: 0  
 Condition: Infiltration Stain  
 Remarks: N/A



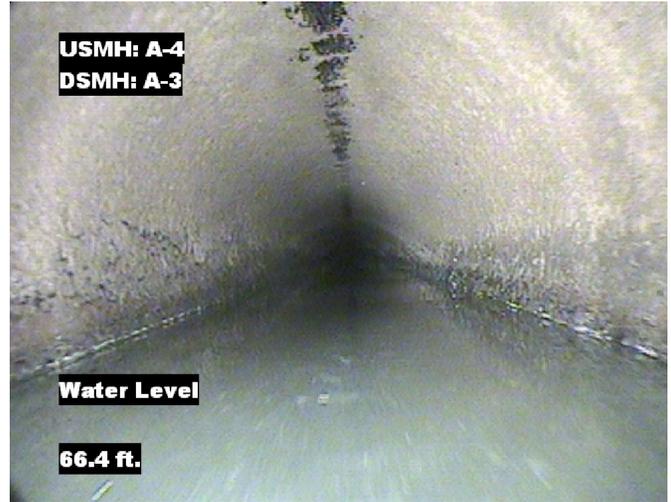
Distance: 3.1 ft.      Grade: 3  
 Condition: Infiltration Dripper  
 Remarks: N/A

### Image Report 4/Page

Pipe Segment Refere... <b>A-4_A-3</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Pump Station</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>A-4</b>	Total Length <b>251.5</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A-3</b>	<b>Length surveyed</b> <b>251.5</b>	Year Renewed	<b>Height</b> <b>21</b>	Width <b>21</b>	Pipe Joint...	<b>N/A</b>



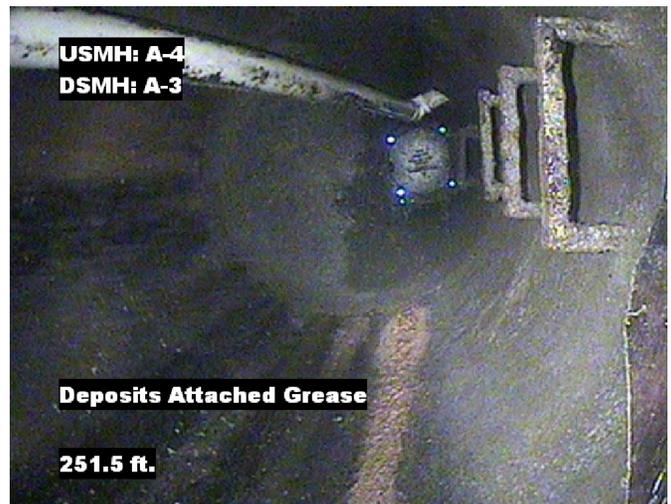
Distance: 3.1 ft.      Grade: 2  
 Condition: Deposits Attached Grease  
 Remarks: N/A



Distance: 66.2 ft.      Grade: 0  
 Condition: Water Level  
 Remarks: N/A



Distance: 249.6 ft.      Grade: 0  
 Condition: Water Level  
 Remarks: N/A



Distance: 251.5 ft.      Grade: 2  
 Condition: Deposits Attached Grease  
 Remarks: N/A



### Image Report 4/Page

Pipe Segment Refere... <b>A-4_A-3</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Pump Station</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>A-4</b>	Total Length <b>251.5</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A-3</b>	<b>Length surveyed</b> <b>251.5</b>	Year Renewed	<b>Height</b> <b>21</b>	Width <b>21</b>	Pipe Joint...	<b>N/A</b>



<b>Distance:</b>	251.5 ft.	<b>Grade:</b>	0
<b>Condition:</b>	Access Point Manhole		
<b>Remarks:</b>	A-4		



### PACP Conditions

Pipe Segment Refere... <b>A-4_A-3</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Pump Station</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>A-4</b>	Total Length <b>251.5</b>	Year Laid	<b>Shape</b> <b>Circular</b>	Location Details	
<b>DS Manhole</b> <b>A-3</b>	<b>Length surveyed</b> <b>251.5</b>	Year Renewed	<b>Height</b> <b>21</b>	<b>Width</b> <b>21</b>	<b>Pipe Joint...</b> <b>N/A</b>

SPR <b>N/A</b>	MPR <b>103</b>	PO Number <b>4397-03</b>	<b>Customer</b> <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>2</b>	Work Order <b>4397-02</b>	<b>Purpose</b> <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>312I</b>	<b>Direction</b> <b>Upstream</b>	<b>Date</b> <b>20151007</b>
OPR <b>103</b>	<b>Surveyed By</b> <b>Charlie_Gordon</b>	<b>Pre-Cleaning</b> <b>No Pre-Cleaning</b>	<b>Time</b> <b>13:31</b>
OPRI <b>2</b>	<b>Certificate Number</b> <b>U-615-07000491</b>	<b>Date Cleaned</b>	<b>Weather</b> <b>Damp</b>
			<b>End Time</b> <b>13:41</b>
			<b>Additional Info</b>

Normal Defects	Structural Ratings			O & M Ratings			Combined Ratings									
	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating							
	1	0	0	1	0	0	1	0	0							
	2	0	0	2	0	0	2	0	0							
	3	0	0	3	1	3	3	1	3							
	4	0	0	4	0	0	4	0	0							
	5	0	0	5	0	0	5	0	0							
Continuous Defects																
Code	ID	Length														
DAGS	F01	248.4	0	0	0	2	50	100	2	50	100					
Subtotals			0	Subtotals			51	Subtotals			51					
<b>SUMMARY</b>	Pipe Rating	0	Pipe Rating	103	Overall Pipe Rating	103	Structural Index	0	Overall Index	2.0	Str. Quick Rating	0000	O&M Quick Rating	312I	Ovrl. Quick Rating	312I