



## Defect Listing

Pipe Segment Refere... <b>A-10_A-9</b>	City <b>Oliver Springs</b>	Street <b>Old harriman highwa...</b>	Material <b>Fibreglass Reinforc...</b>	Location C... <b>Easement/R...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>A-10</b>	Total Length <b>251.3</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>A-9</b>	Length surveyed <b>251.3</b>	Year Renewed	Height <b>15</b>	Width <b>15</b>	Pipe Joint... <b>N/A</b>

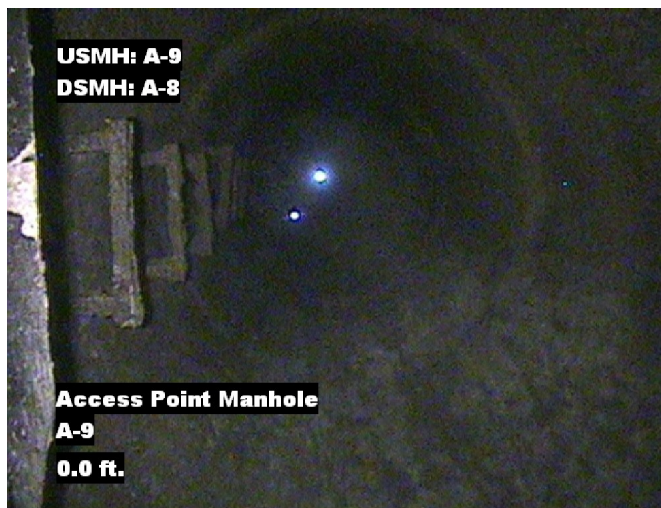
SPR <b>N/A</b>	MPR <b>8</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>2</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>2400</b>		
OPR <b>8</b>	Surveyed By <b>Charlie_Gordon</b>	Direction <b>Downstream</b>	Date <b>20151012</b>
OPRI <b>2</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>No Pre-Cleaning</b>	Time <b>10:38</b>
	Date Cleaned	End Time <b>10:48</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: A-10									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
70.1 ft.	Deposits Attached Grease	S01			5	<input type="checkbox"/>	9		2
86.8 ft.	Deposits Attached Grease	F01			5	<input type="checkbox"/>	9		2
103.6 ft.	Deposits Attached Grease				5	<input type="checkbox"/>	9		2
181.6 ft.	Water Level				10	<input type="checkbox"/>			
247.1 ft.	Water Level				10	<input type="checkbox"/>			
251.3 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A-9									



## Image Report 4/Page

Pipe Segment Refere... <b>A-10_A-9</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Old harriman highwa...</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-10</b>	Total Length <b>251.3</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A-9</b>	<b>Length surveyed</b> <b>251.3</b>	Year Renewed	<b>Height</b> <b>15</b>	Width <b>15</b>	Pipe Joint...	
					<b>N/A</b>	



Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A-10



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



Distance: 70.1 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



Distance: 86.8 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A-10_A-9	Oliver Springs	Old harriman highwa...	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
A-10	251.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
A-9	251.3		15	15	N/A



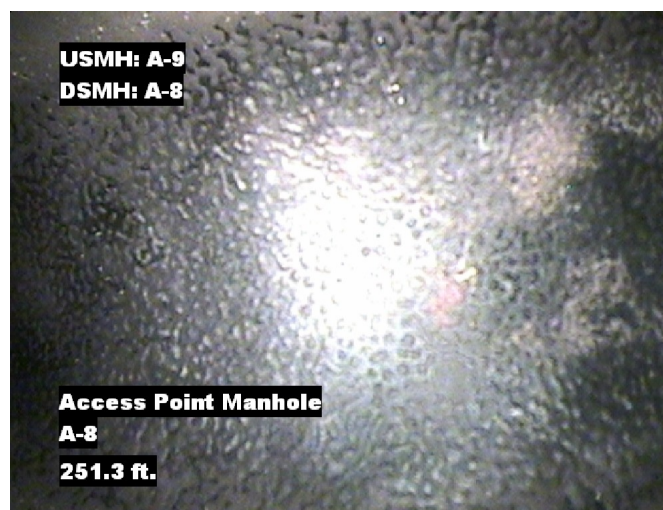
Distance: 103.6 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



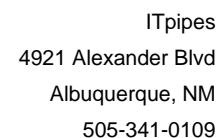
Distance: 181.6 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 247.1 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 251.3 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A-9



Pipe Segment Refere... A-10_A-9	City Oliver Springs	Street Old harriman highwa...	Material Fibreglass Reinforc...		Location C... Easement/R...	Sewer Use Sanitary
Upstream MH A-10	Total Length 251.3	Year Laid	Shape Circular		Location Details	
DS Manhole A-9	Length surveyed 251.3	Year Renewed	Height 15	Width 15	Pipe Joint... N/A	
SPR N/A	MPR 8	PO Number 4397-03		Customer GRW		
SPRI N/A	MPRI 2	Work Order 4397-02		Purpose		
QSR N/A	QMR 2400			Pre-Rehabilitation Survey		
OPR 8	Surveyed By Charlie_Gordon	Direction Downstream	Date 20151012		Media label	
OPRI 2	Certificate Number U-615-07000491	Pre-Cleaning No Pre-Cleaning	Time 10:38		Weather Damp	
Date Cleaned			End Time 10:48		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	1	2	2	1	2
			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
Code	ID	Length	0	0	0	2	3	6	2	3	6
DAGS	F01	16.7									
			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	