



## Defect Listing

Pipe Segment Refere... <b>A44-1_A44-2</b>	City <b>Oliver Springs</b>	Street <b>Hen Valley Rd.</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>A44-1</b>	Total Length <b>277.6</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>A44-2</b>	Length surveyed <b>277.6</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

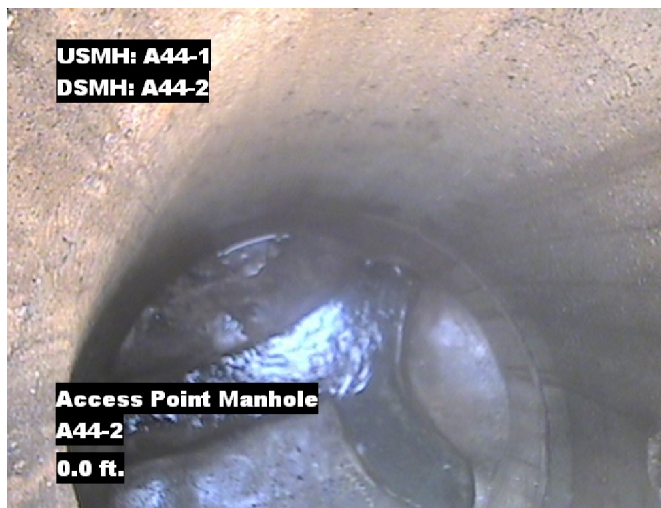
SPR <b>N/A</b>	MPR <b>16</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>N/A</b>	MPRI <b>2.3</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>N/A</b>	QMR <b>3225</b>		
OPR <b>16</b>	Surveyed By <b>Charlie Gordon</b>	Direction <b>Upstream</b>	Date <b>20150828</b>
OPRI <b>2.3</b>	Certificate Number <b>U-615-07000491</b>	Pre-Cleaning <b>Jetting</b>	Time <b>09:46</b>
	Date Cleaned <b>20150828</b>	End Time <b>10:03</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: A44-2									
0.0 ft.	Water Level				10	<input type="checkbox"/>			
105.1 ft.	Water Level Sag				10	<input type="checkbox"/>			2
129.7 ft.	Water Level Sag				10	<input type="checkbox"/>			2
140.6 ft.	Infiltration Dripper				0	<input type="checkbox"/>	9		3
140.6 ft.	Infiltration Stain				0	<input type="checkbox"/>	3	9	
179.0 ft.	Infiltration Dripper				0	<input type="checkbox"/>	9		3
179.0 ft.	Infiltration Stain				0	<input type="checkbox"/>	1	9	
183.7 ft.	Water Level Sag				10	<input type="checkbox"/>			2
200.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
213.4 ft.	Water Level Sag				10	<input type="checkbox"/>			2
214.0 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
253.2 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
259.9 ft.	Water Level Sag				10	<input type="checkbox"/>			2
276.0 ft.	Water Level				5	<input type="checkbox"/>			
277.6 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: A44-1									

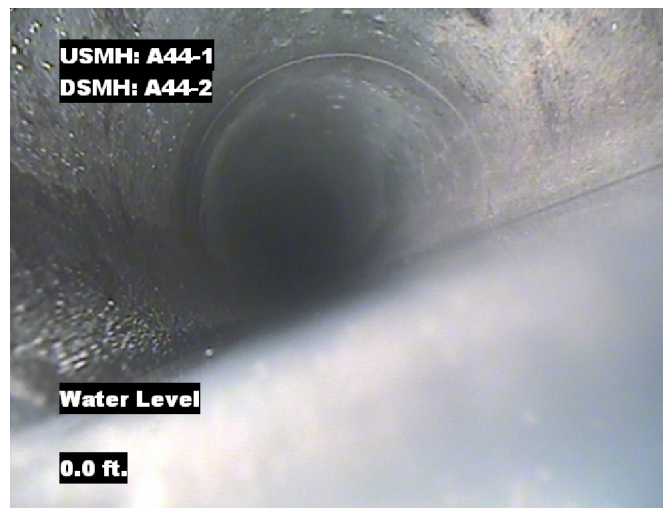


## Image Report 4/Page

Pipe Segment Refere... <b>A44-1_A44-2</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Hen Valley Rd.</b>	<b>Material</b> <b>Concrete Pipe (non-...</b>		<b>Location C...</b> <b>Light High...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A44-1</b>	Total Length <b>277.6</b>	Year Laid	<b>Shape</b> <b>Circular</b>		Location Details	
<b>DS Manhole</b> <b>A44-2</b>	<b>Length surveyed</b> <b>277.6</b>	Year Renewed	<b>Height</b> <b>8</b>	Width <b>8</b>	Pipe Joint...	



Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A44-2



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



Distance: 105.1 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A

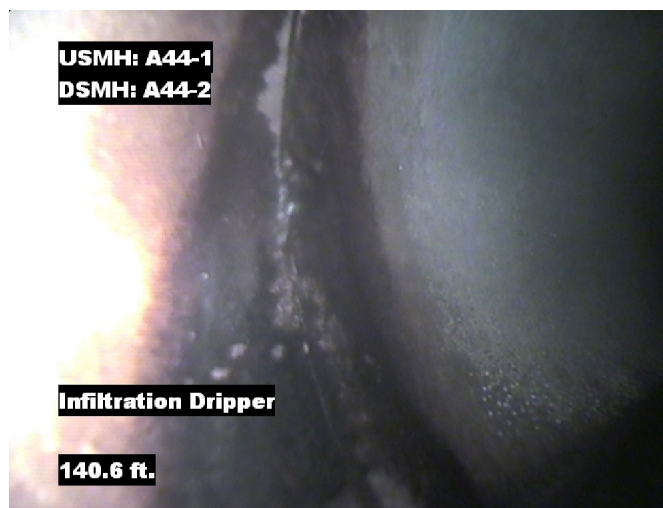


Distance: 129.7 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A

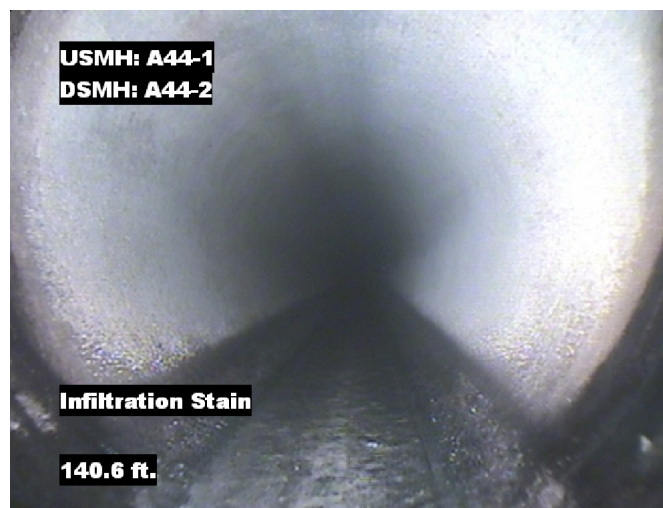


## Image Report 4/Page

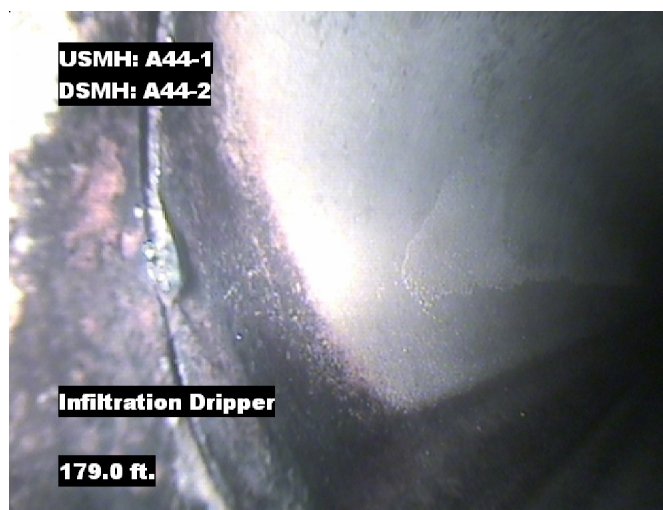
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A44-1_A44-2	Oliver Springs	Hen Valley Rd.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH A44-1	Total Length 277.6	Year Laid	Shape Circular	Location Details	
DS Manhole A44-2	Length surveyed 277.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 140.6 ft. Grade: 3  
Condition: Infiltration Dropper  
Remarks: N/A



Distance: 140.6 ft. Grade: 0  
Condition: Infiltration Stain  
Remarks: N/A



Distance: 179.0 ft. Grade: 3  
Condition: Infiltration Dropper  
Remarks: N/A



Distance: 179.0 ft. Grade: 0  
Condition: Infiltration Stain  
Remarks: N/A



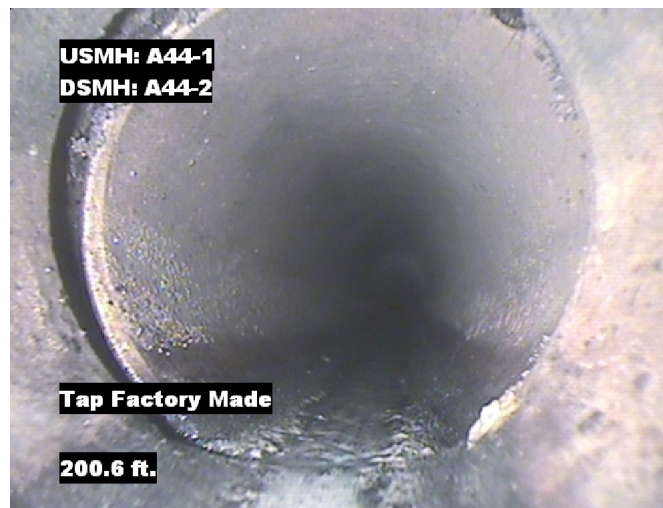


## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A44-1_A44-2	Oliver Springs	Hen Valley Rd.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH A44-1	Total Length 277.6	Year Laid	Shape Circular	Location Details	
DS Manhole A44-2	Length surveyed 277.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4



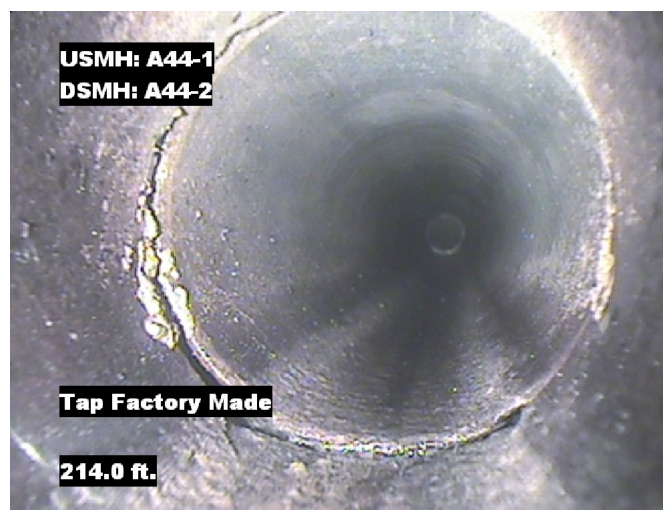
Distance: 183.7 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 200.6 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 213.4 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A

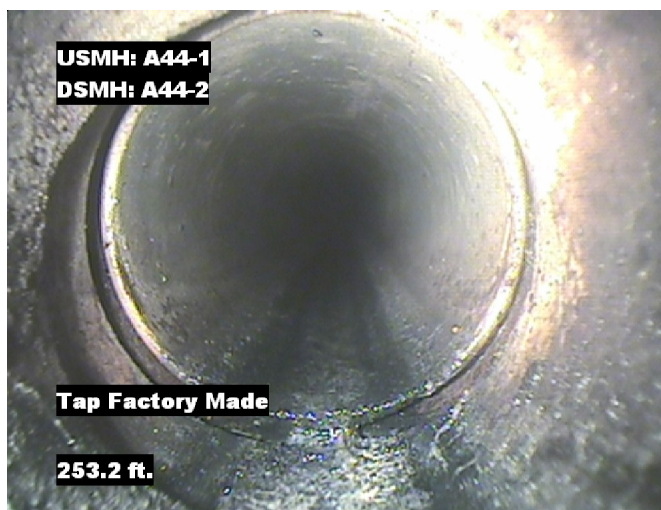


Distance: 214.0 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
A44-1_A44-2	Oliver Springs	Hen Valley Rd.	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH A44-1	Total Length 277.6	Year Laid	Shape Circular	Location Details	
DS Manhole A44-2	Length surveyed 277.6	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 253.2 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A



Distance: 259.9 ft. Grade: 2  
Condition: Water Level Sag  
Remarks: N/A



Distance: 276.0 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 277.6 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: A44-1





## PACP Conditions

Pipe Segment Refere... <b>A44-1_A44-2</b>	<b>City</b> <b>Oliver Springs</b>	<b>Street</b> <b>Hen Valley Rd.</b>	<b>Material</b> <b>Concrete Pipe (non-...</b>	<b>Location C...</b> <b>Light High...</b>	<b>Sewer Use</b> <b>Sanitary</b>
<b>Upstream MH</b> <b>A44-1</b>	Total Length <b>277.6</b>	Year Laid	<b>Shape</b> <b>Circular</b>	Location Details	
<b>DS Manhole</b> <b>A44-2</b>	<b>Length surveyed</b> <b>277.6</b>	Year Renewed	<b>Height</b> <b>8</b>	<b>Width</b> <b>8</b>	<b>Pipe Joint...</b> <b>4</b>
SPR <b>N/A</b>	MPR <b>16</b>	PO Number <b>4397-03</b>		<b>Customer</b> <b>GRW</b>	
SPRI <b>N/A</b>	MPRI <b>2.3</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>N/A</b>	QMR <b>3225</b>				
OPR <b>16</b>	<b>Surveyed By</b> <b>Charlie Gordon</b>	<b>Direction</b> <b>Upstream</b>	<b>Date</b> <b>20150828</b>	<b>Media label</b>	
OPRI <b>2.3</b>	<b>Certificate Number</b> <b>U-615-07000491</b>	<b>Pre-Cleaning</b> <b>Jetting</b>	<b>Time</b> <b>09:46</b>	<b>Weather</b> <b>Dry</b>	
<b>Date Cleaned</b> <b>20150828</b>			<b>End Time</b> <b>10:03</b>	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	5	10	2	5	10
			3	0	0	3	2	6	3	2	6
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Code	ID	Length									