



Defect Listing

Pipe Segment Refere... B-9_B-8	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...	Location C... Easement/R...	Sewer Use Sanitary
Upstream MH B-9	Total Length 408.1	Year Laid	Shape Circular	Location Details	
DS Manhole B-8	Length surveyed 408.1	Year Renewed	Height 10	Width 10	Pipe Joint... N/A

SPR N/A	MPR 54	PO Number 4397-03	Customer GRW
SPRI N/A	MPRI 2.2	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR N/A	QMR 422C		
OPR 54	Surveyed By Charlie Gordon	Direction Downstream	Date 20150915
OPRI 2.2	Certificate Number U-615-07000491	Pre-Cleaning Jetting	Time 08:12
	Date Cleaned 20150915	End Time 08:37	Weather Damp
			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-9									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
44.8 ft.	Water Level Sag	S01			15	<input type="checkbox"/>			2
48.3 ft.	Camera Underwater				0	<input type="checkbox"/>			4
77.4 ft.	Water Level Sag	F01			15	<input type="checkbox"/>			2
86.6 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
91.4 ft.	Water Level Sag	S02			10	<input type="checkbox"/>			2
103.9 ft.	Water Level Sag	F02			10	<input type="checkbox"/>			2
130.1 ft.	Water Level Sag	S03			10	<input type="checkbox"/>			2
163.0 ft.	Water Level Sag	F03			10	<input type="checkbox"/>			2
355.6 ft.	Tap Break-In		4		0	<input type="checkbox"/>	9		
355.6 ft.	Water Level Sag	S04			10	<input type="checkbox"/>			2
363.0 ft.	Camera Underwater				0	<input type="checkbox"/>			4
376.3 ft.	Water Level Sag	F04			10	<input type="checkbox"/>			2
383.0 ft.	Water Level				5	<input type="checkbox"/>			
392.1 ft.	Water Level Sag	S05			20	<input type="checkbox"/>			2
404.3 ft.	Water Level Sag	F05			20	<input type="checkbox"/>			2
404.3 ft.	Obstacles Brick				5	<input type="checkbox"/>	6		2
408.1 ft.	Water Level				5	<input type="checkbox"/>			
408.1 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: B-8									



Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-9_B-8	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-9	408.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-8	408.1		10	10	N/A



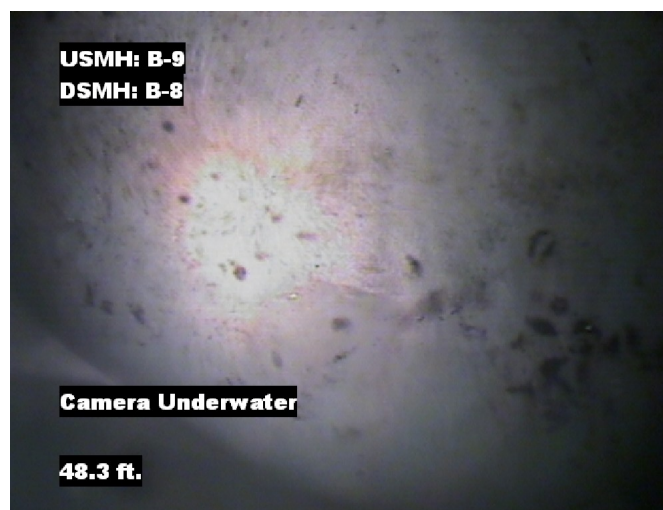
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B-9



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



Distance: 44.8 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

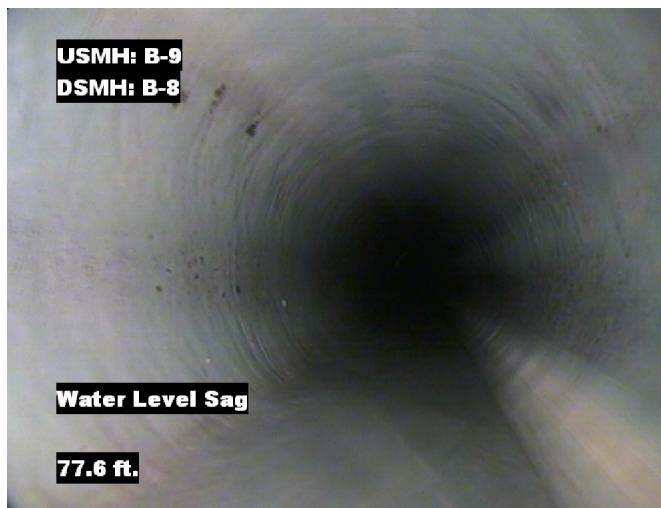


Distance: 48.3 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A

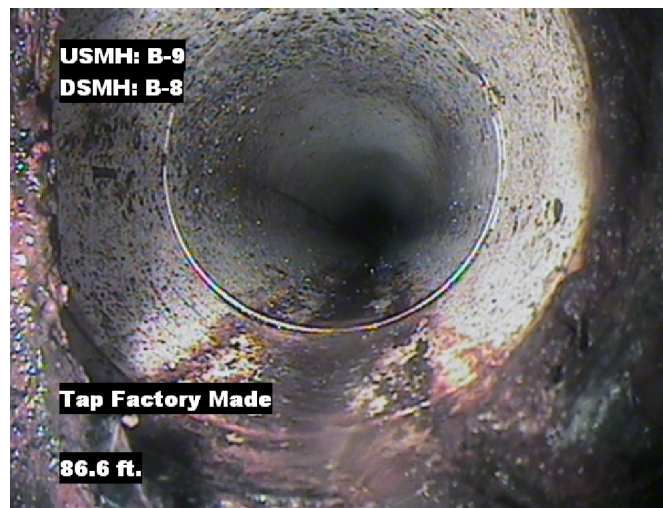


Image Report 4/Page

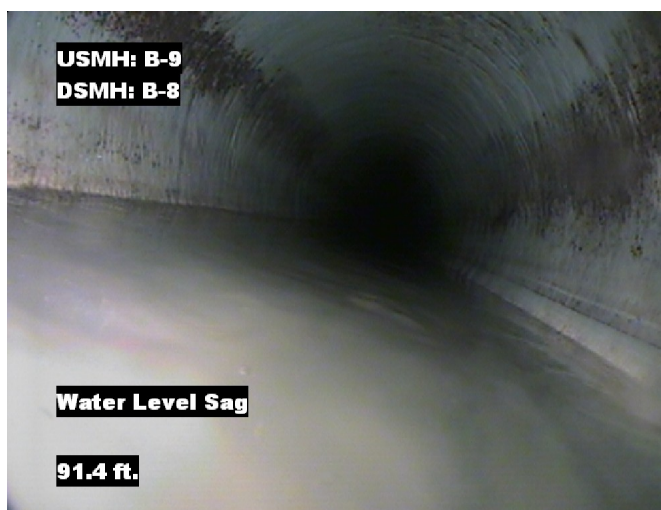
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-9_B-8	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-9	408.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-8	408.1		10	10	N/A



Distance: 77.4 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 86.6 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 91.4 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 103.9 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Image Report 4/Page

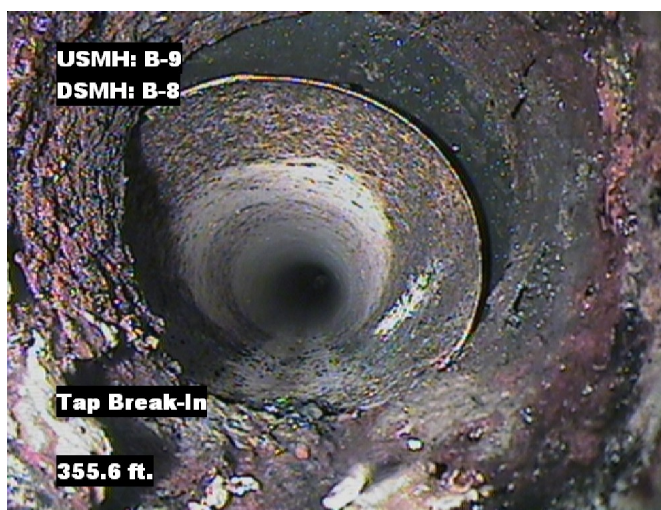
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-9_B-8	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-9	408.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-8	408.1		10	10	N/A



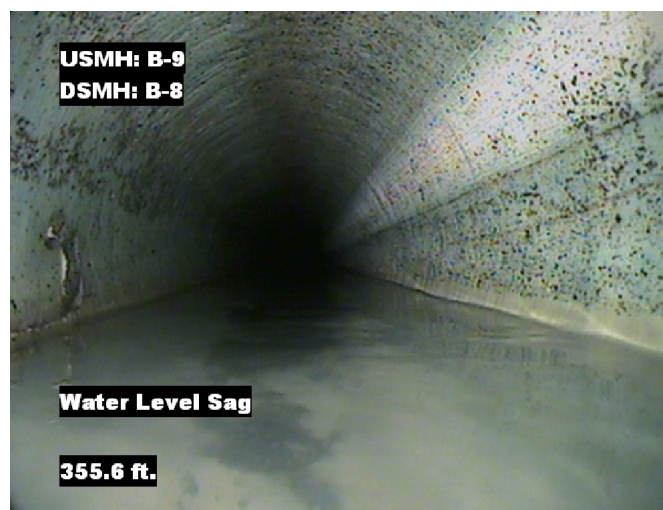
Distance: 130.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 163.0 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 355.6 ft. Grade: 0
Condition: Tap Break-In
Remarks: N/A

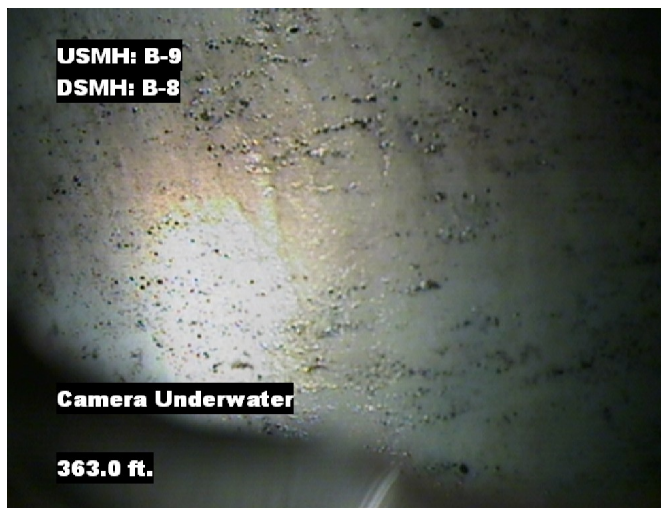


Distance: 355.6 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
B-9_B-8	Oliver Springs	Cemetery Rd	Fibreglass Reinforc...	Easement/R...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
B-9	408.1		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
B-8	408.1		10	10	N/A



Distance: 363.0 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A



Distance: 376.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 383.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A

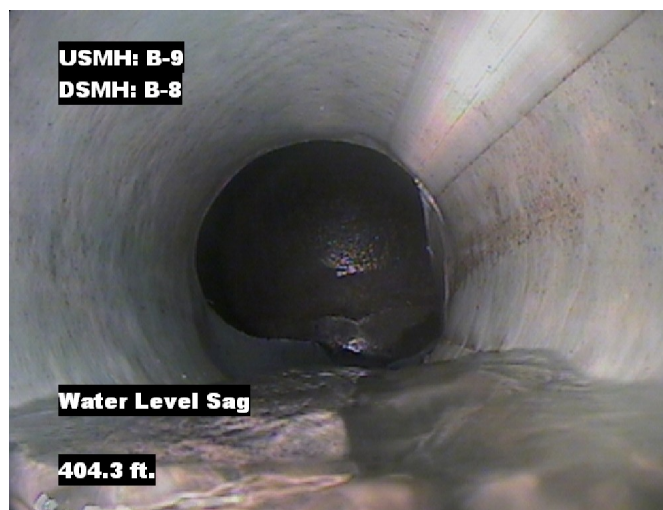


Distance: 392.1 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A

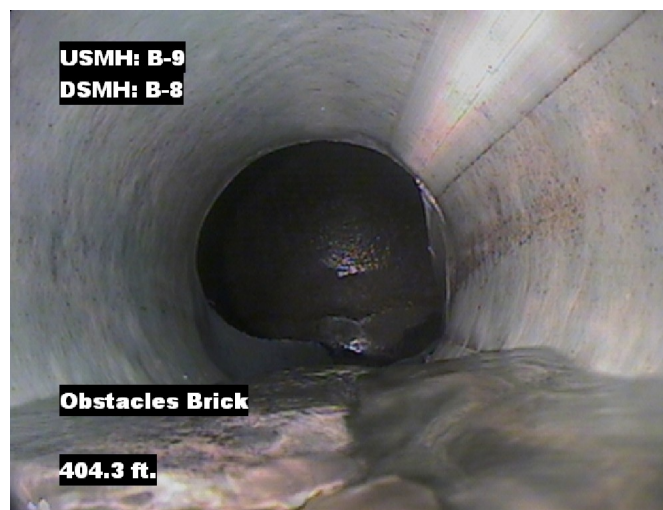


Image Report 4/Page

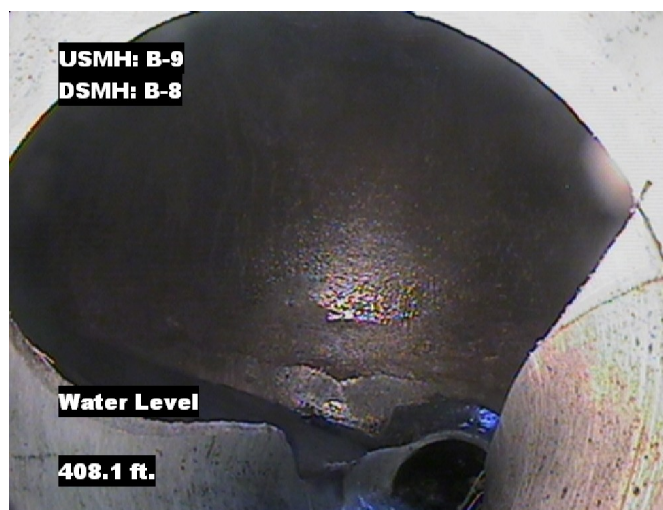
Pipe Segment Refere... B-9_B-8	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...	Location C... Easement/R...	Sewer Use Sanitary
Upstream MH B-9	Total Length 408.1	Year Laid	Shape Circular	Location Details	
DS Manhole B-8	Length surveyed 408.1	Year Renewed	Height 10	Width 10	Pipe Joint... N/A



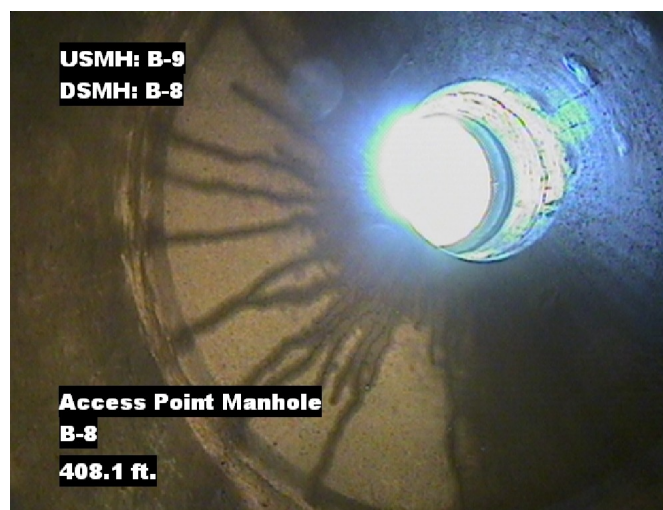
Distance: 404.3 ft. Grade: 2
Condition: Water Level Sag
Remarks: N/A



Distance: 404.3 ft. Grade: 2
Condition: Obstacles Brick
Remarks: N/A



Distance: 408.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 408.1 ft. Grade: 0
Condition: Access Point Manhole
Remarks: B-8



PACP Conditions

Pipe Segment Refere... B-9_B-8	City Oliver Springs	Street Cemetery Rd	Material Fibreglass Reinforc...	Location C... Easement/R...	Sewer Use Sanitary
Upstream MH B-9	Total Length 408.1	Year Laid	Shape Circular	Location Details	
DS Manhole B-8	Length surveyed 408.1	Year Renewed	Height 10	Width 10	Pipe Joint... N/A
SPR N/A	MPR 54	PO Number 4397-03		Customer GRW	
SPRI N/A	MPRI 2.2	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR N/A	QMR 422C	Direction Downstream		Date 20150915	
OPR 54	Surveyed By Charlie Gordon	Pre-Cleaning Jetting		Media label	
OPRI 2.2	Certificate Number U-615-07000491	Time 08:12		Weather Damp	
Date Cleaned 20150915			End Time 08:37		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	2	8	4	2	8
			5	0	0	5	0	0	5	0	0
Code	ID	Length									
MWLS	F01	32.6	0	0	0	2	7	14	2	7	14
MWLS	F02	12.5	0	0	0	2	2	4	2	2	4
MWLS	F03	32.9	0	0	0	2	7	14	2	7	14
MWLS	F04	20.7	0	0	0	2	4	8	2	4	8
MWLS	F05	12.2	0	0	0	2	2	4	2	2	4
			Subtotals	0		Subtotals	25		Subtotals	25	
SUMMARY			Pipe Rating	0		Pipe Rating	54		Overall Pipe Rating	54	
			Structural Index	0		O&M Index	2.2		Overall Index	2.2	
			Str. Quick Rating	0000		O&M Quick Rating	422C		Ovrl. Quick Rating	422C	