



Defect Listing

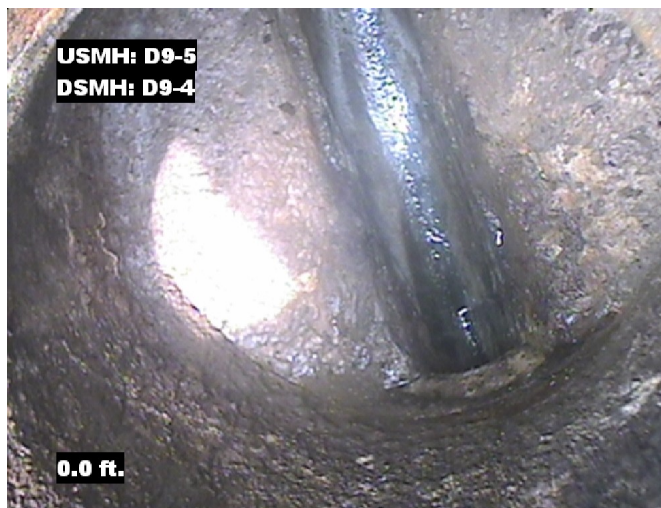
Pipe Segment Refere... D9-5_D9-4	City Oliver Springs	Street Midway Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH D9-5	Total Length 362.3	Year Laid	Shape Circular	Location Details	
DS Manhole D9-4	Length surveyed 362.3	Year Renewed	Height 10	Width 10	Pipe Joint... 4

SPR 6	MPR 6	PO Number 4397-03	Customer GRW
SPRI 3	MPRI 3	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 5111	QMR 4121		
OPR 12	Surveyed By Barry Rogers	Direction Downstream	Date 20150701
OPRI 3	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 14:09
	Date Cleaned 20150701	End Time 14:24	Weather Light Rain
		Additional Info	

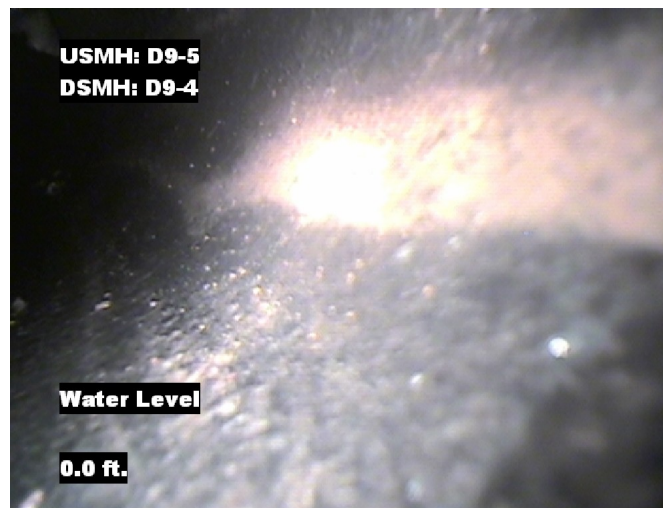
Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D9-5									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
1.6 ft.	Deposits Attached Grease				10	<input type="checkbox"/>	8	4	2
Remarks: CONT. DEFECT									
8.7 ft.	Tap Factory Made Capped		6		0	<input type="checkbox"/>	2		
74.4 ft.	Repair Point Pipe Replaced					<input type="checkbox"/>			
Remarks: PVC									
79.1 ft.	Joint Offset Medium					<input type="checkbox"/>			1
79.1 ft.	Hole Void Visible					<input checked="" type="checkbox"/>	3	10	5
166.3 ft.	Material Change				0	<input type="checkbox"/>			
Remarks: CP to PVC									
166.3 ft.	Infiltration Runner				0	<input type="checkbox"/>	10		4
220.2 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
328.0 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	3		
361.7 ft.	Water Level				5	<input type="checkbox"/>			
362.3 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D9-4									

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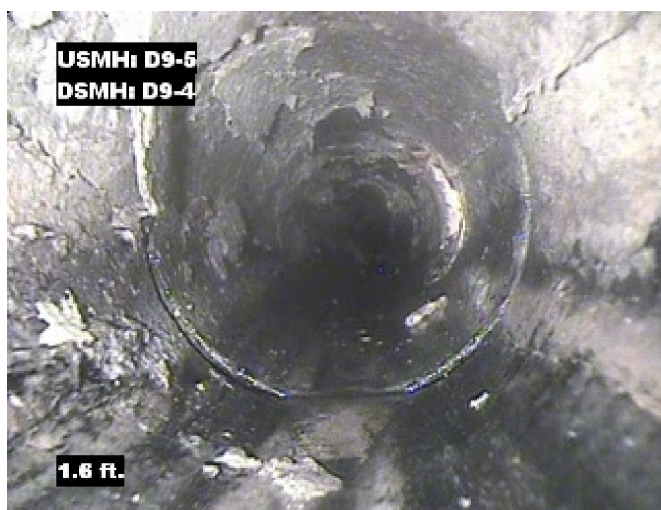
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D9-5_D9-4	Oliver Springs	Midway Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D9-5	362.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D9-4	362.3		10	10	4



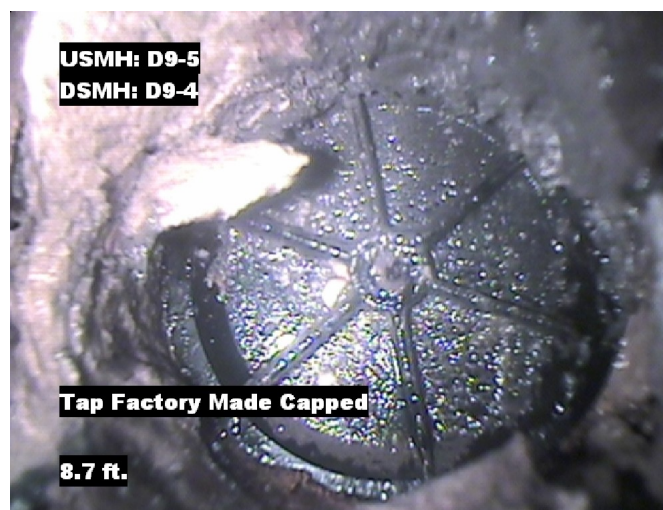
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D9-5



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



Distance: 1.6 ft. Grade: 2
Condition: Deposits Attached Grease
Remarks: CONT. DEFECT



Distance: 8.7 ft. Grade: 0
Condition: Tap Factory Made Capped
Remarks: N/A

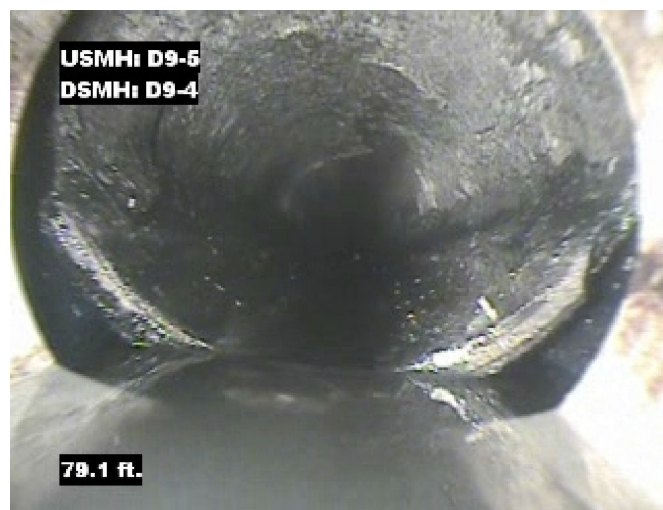


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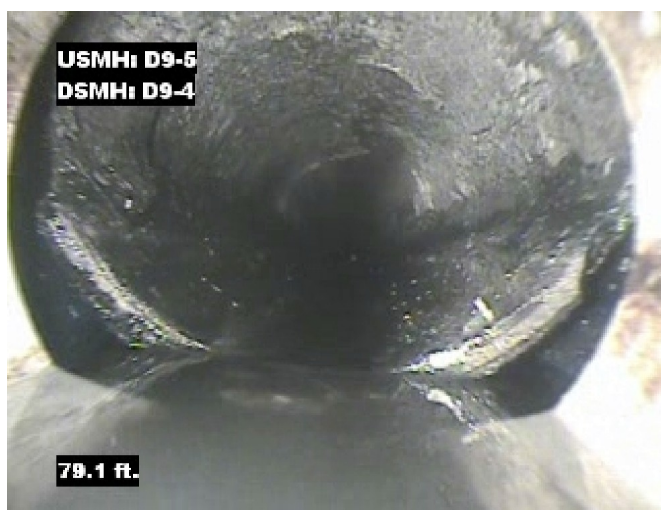
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D9-5_D9-4	Oliver Springs	Midway Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D9-5	362.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D9-4	362.3		10	10	4



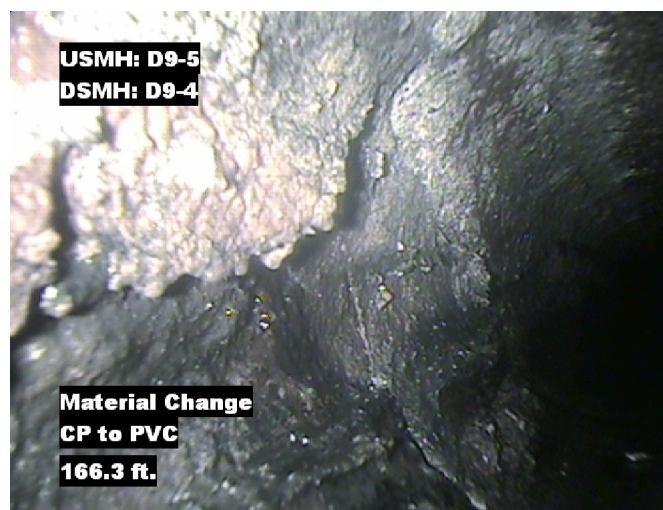
Distance: 74.4 ft. Grade: 0
Condition: Repair Point Pipe Replaced
Remarks: PVC



Distance: 79.1 ft. Grade: 1
Condition: Joint Offset Medium
Remarks: N/A



Distance: 79.1 ft. Grade: 5
Condition: Hole Void Visible
Remarks: N/A

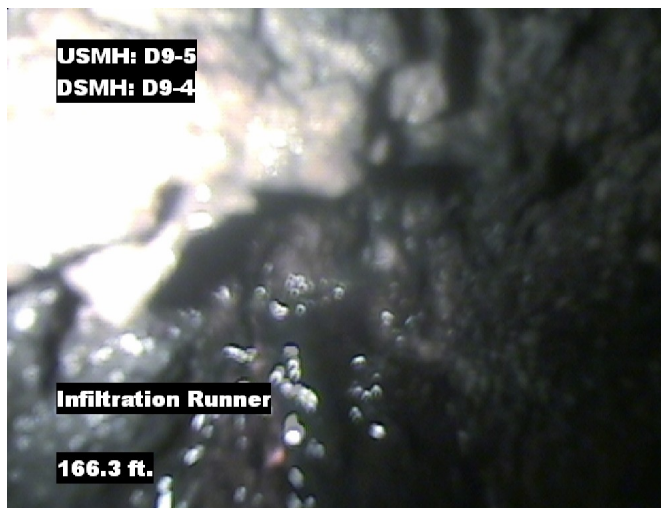


Distance: 166.3 ft. Grade: 0
Condition: Material Change
Remarks: CP to PVC



Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D9-5_D9-4	Oliver Springs	Midway Dr	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D9-5	362.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D9-4	362.3		10	10	4



Distance: 166.3 ft. Grade: 4
Condition: Infiltration Runner
Remarks: N/A



Distance: 220.2 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 328.0 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

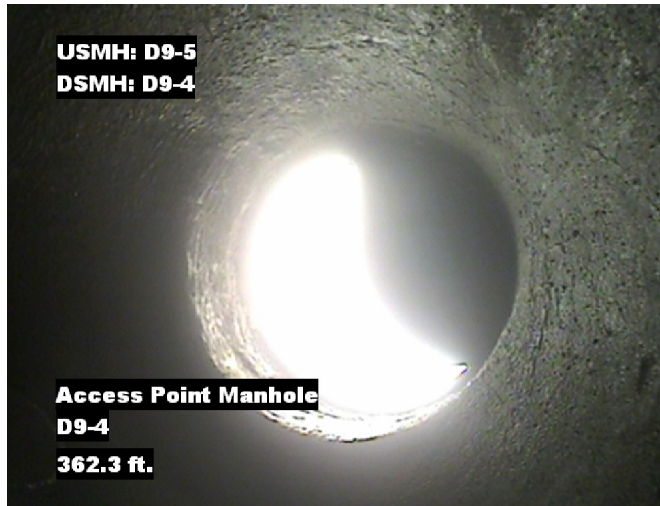


Distance: 361.7 ft. Grade: 0
Condition: Water Level
Remarks: N/A



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D9-5_D9-4	Oliver Springs	Midway Dr	Concrete Pipe (non-...	Light High...	Sanitary
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D9-5	362.3		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D9-4	362.3		10	10	4



Distance: 362.3 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D9-4



PACP Conditions

Pipe Segment Refere... D9-5_D9-4	City Oliver Springs	Street Midway Dr	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH D9-5	Total Length 362.3	Year Laid	Shape Circular	Location Details	
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SPR 6	MPR 6	PO Number 4397-03		Customer GRW	
SPRI 3	MPRI 3	Work Order 4397-02		Purpose Pre-Rehabilitation Survey	
QSR 5111	QMR 4121				
OPR 12	Surveyed By Barry Rogers	Direction Downstream	Date 20150701	Media label	
OPRI 3	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 14:09	Weather Light Rain	
Date Cleaned 20150701			End Time 14:24	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	1	1	1	0	0	1	1	1
			2	0	0	2	1	2	2	1	2
			3	0	0	3	0	0	3	0	0
			4	0	0	4	1	4	4	1	4
			5	1	5	5	0	0	5	1	5
Code	ID	Length									