



## Defect Listing

Pipe Segment Refere... <b>D18-1_D16-1</b>	City <b>Oliver Springs</b>	Street <b>First Norway</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>D18-1</b>	Total Length <b>171.4</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>D16-1</b>	Length surveyed <b>171.4</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>

SPR <b>5</b>	MPR <b>68</b>	PO Number <b>4397-03</b>	Customer <b>GRW</b>
SPRI <b>5</b>	MPRI <b>2</b>	Work Order <b>4397-02</b>	Purpose <b>Pre-Rehabilitation Survey</b>
QSR <b>5100</b>	QMR <b>2E00</b>		
OPR <b>73</b>	Surveyed By <b>Barry Rogers</b>	Direction <b>Upstream</b>	Date <b>20150626</b>
OPRI <b>2.1</b>	Certificate Number <b>U-1012-16405</b>	Pre-Cleaning <b>Jetting</b>	Time <b>08:59</b>
	Date Cleaned <b>20150626</b>	End Time <b>09:15</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: D18-1									
▲ 0.0 ft.	Water Level				5	<input type="checkbox"/>			
▲ 1.5 ft.	Deposits Attached Grease	S01			10	<input type="checkbox"/>	8	3	2
▲ 87.8 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9	9	
▲ 171.4 ft.	Deposits Attached Grease	F01			10	<input type="checkbox"/>	9	4	2
▲ 171.4 ft.	Water Level				5	<input type="checkbox"/>			
▲ 171.4 ft.	Dropped Invert		8		0	<input type="checkbox"/>			5
▲ 171.4 ft.	Survey Abandoned				0	<input type="checkbox"/>			
Remarks: can go over dropped invert									

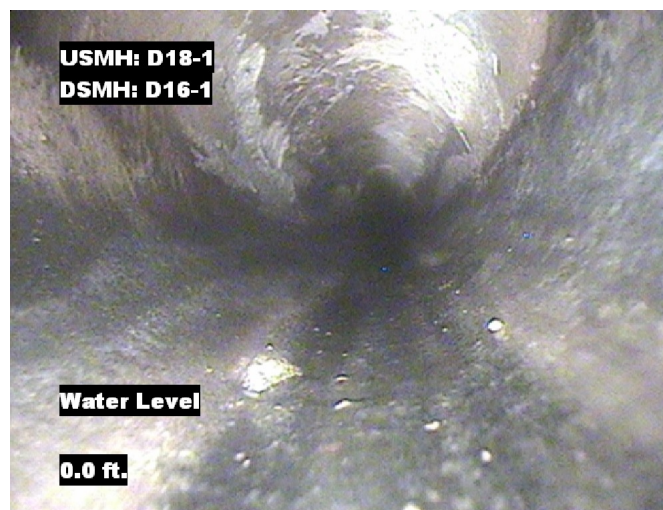


## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D18-1_D16-1	Oliver Springs	First Norway	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D18-1	Total Length 171.4	Year Laid	Shape Circular	Location Details	
DS Manhole D16-1	Length surveyed 171.4	Year Renewed	Height 8	Width 8	Pipe Joint... 4



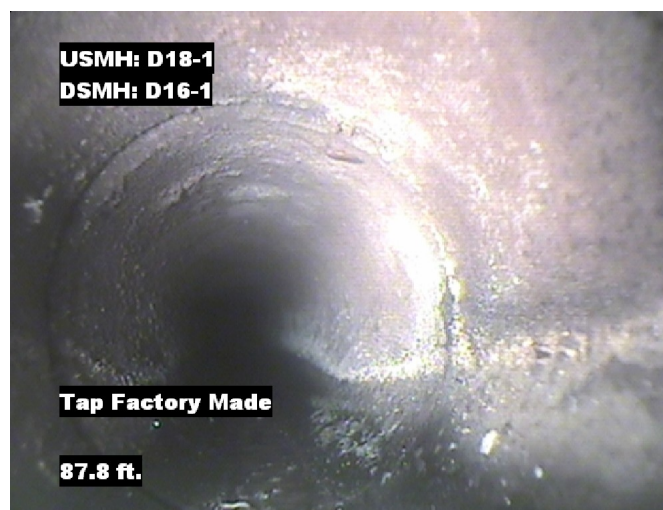
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D18-1



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



Distance: 1.5 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



Distance: 87.8 ft. Grade: 0  
Condition: Tap Factory Made  
Remarks: N/A





## Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D18-1_D16-1	Oliver Springs	First Norway	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D18-1	171.4		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D16-1	171.4		8	8	4



Distance: 171.4 ft. Grade: 2  
Condition: Deposits Attached Grease  
Remarks: N/A



Distance: 171.4 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 171.4 ft. Grade: 5  
Condition: Dropped Invert  
Remarks: N/A



Distance: 171.4 ft. Grade: 0  
Condition: Survey Abandoned  
Remarks: can go over dropped invert



## PACP Conditions

Pipe Segment Refere... <b>D18-1_D16-1</b>	City <b>Oliver Springs</b>	Street <b>First Norway</b>	Material <b>Concrete Pipe (non-...</b>	Location C... <b>Light High...</b>	Sewer Use <b>Sanitary</b>
Upstream MH <b>D18-1</b>	Total Length <b>171.4</b>	Year Laid	Shape <b>Circular</b>	Location Details	
DS Manhole <b>D16-1</b>	Length surveyed <b>171.4</b>	Year Renewed	Height <b>8</b>	Width <b>8</b>	Pipe Joint... <b>4</b>
SPR <b>5</b>	MPR <b>68</b>	PO Number <b>4397-03</b>		Customer <b>GRW</b>	
SPRI <b>5</b>	MPRI <b>2</b>	Work Order <b>4397-02</b>		Purpose <b>Pre-Rehabilitation Survey</b>	
QSR <b>5100</b>	QMR <b>2E00</b>	Direction <b>Upstream</b>		Date <b>20150626</b>	Media label
OPR <b>73</b>	Surveyed By <b>Barry Rogers</b>	Pre-Cleaning <b>Jetting</b>		Time <b>08:59</b>	Weather <b>Dry</b>
OPRI <b>2.1</b>	Certificate Number <b>U-1012-16405</b>	Date Cleaned <b>20150626</b>		End Time <b>09:15</b>	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	0	0	2	0	0
			3	0	0	3	0	0	3	0	0
			4	0	0	4	0	0	4	0	0
			5	1	5	5	0	0	5	1	5
Code	ID	Length	0	0	0	2	34	68	2	34	68
DAGS	F01	169.9									
			Subtotals	1		Subtotals	34		Subtotals	35	
SUMMARY			Pipe Rating		5	Pipe Rating		68	Overall Pipe Rating		73
			Structural Index		5.0	O&M Index		2.0	Overall Index		2.1
			Str. Quick Rating		5100	O&M Quick Rating		2E00	Ovrl. Quick Rating		512E