



Defect Listing

Pipe Segment Refere... D15-1_D14-2	City Oliver Springs	Street First Norway	Material Concrete Pipe (non-...	Location C... Light High...	Sewer Use Sanitary
Upstream MH D15-1	Total Length 190.2	Year Laid	Shape Circular	Location Details	
DS Manhole D14-2	Length surveyed 190.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4

SPR 3	MPR N/A	PO Number 4397-03	Customer GRW
SPRI 3	MPRI N/A	Work Order 4397-02	Purpose Pre-Rehabilitation Survey
QSR 3100	QMR N/A		
OPR 3	Surveyed By Barry Rogers	Direction Upstream	Date 20150623
OPRI 3	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:21
	Date Cleaned 20150623	End Time 09:33	Weather Very Dry
			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: D14-2									
0.0 ft.	Water Level				5	<input type="checkbox"/>			
33.4 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
69.8 ft.	Lining Failure Buckled					<input type="checkbox"/>	7	10	3
101.3 ft.	Tap Factory Made		6		0	<input type="checkbox"/>	9		
101.3 ft.	Lining Failure Other					<input type="checkbox"/>	11		
Remarks: liner strip starting to peel									
186.5 ft.	Lining Failure Other					<input type="checkbox"/>	7		
Remarks: liner is bubbled up									
190.0 ft.	Water Level				5	<input type="checkbox"/>			
190.2 ft.	Access Point Manhole				0	<input type="checkbox"/>			
Remarks: D15-1									



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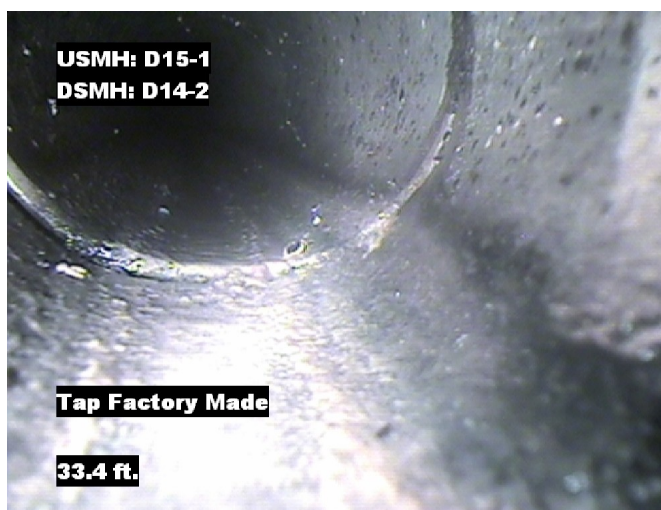
Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D15-1_D14-2	Oliver Springs	First Norway	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D15-1	Total Length 190.2	Year Laid	Shape Circular	Location Details	
DS Manhole D14-2	Length surveyed 190.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D14-2



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



Distance: 33.4 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 69.8 ft. Grade: 3
Condition: Lining Failure Buckled
Remarks: N/A



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Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D15-1_D14-2	Oliver Springs	First Norway	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH	Total Length	Year Laid	Shape	Location Details	
D15-1	190.2		Circular		
DS Manhole	Length surveyed	Year Renewed	Height	Width	Pipe Joint...
D14-2	190.2		8	8	4



Distance: 101.3 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 101.3 ft. Grade: 0
Condition: Lining Failure Other
Remarks: liner strip starting to peel



Distance: 186.5 ft. Grade: 0
Condition: Lining Failure Other
Remarks: liner is bubbled up

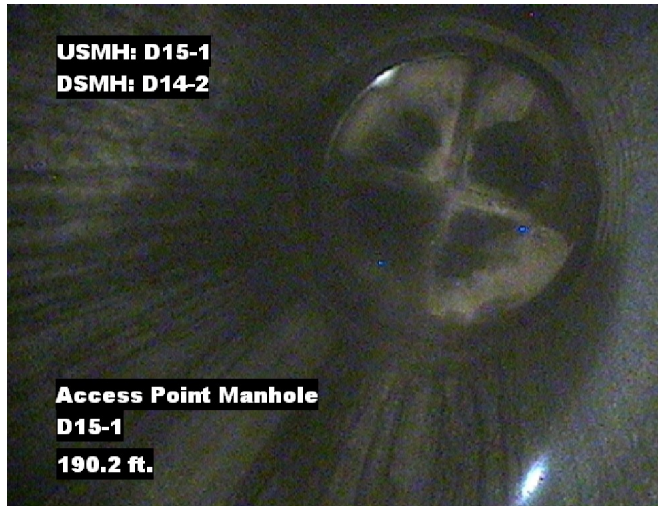


Distance: 190.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Image Report 4/Page

Pipe Segment Refere...	City	Street	Material	Location C...	Sewer Use
D15-1_D14-2	Oliver Springs	First Norway	Concrete Pipe (non-...	Light High...	Sanitary
Upstream MH D15-1	Total Length 190.2	Year Laid	Shape Circular	Location Details	
DS Manhole D14-2	Length surveyed 190.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4



Distance: 190.2 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D15-1



Pipe Segment Refere... D15-1_D14-2	City Oliver Springs	Street First Norway	Material Concrete Pipe (non-...		Location C... Light High...	Sewer Use Sanitary
Upstream MH D15-1	Total Length 190.2	Year Laid	Shape Circular		Location Details	
DS Manhole D14-2	Length surveyed 190.2	Year Renewed	Height 8	Width 8	Pipe Joint... 4	
SPR 3	MPR N/A	PO Number 4397-03		Customer GRW		
SPRI 3	MPRI N/A	Work Order 4397-02		Purpose		
QSR 3100	QMR N/A			Pre-Rehabilitation Survey		
OPR 3	Surveyed By Barry_Rogers	Direction Upstream	Date 20150623		Media label	
OPRI 3	Certificate Number U-1012-16405	Pre-Cleaning Jetting	Time 09:21		Weather Very Dry	
Date Cleaned 20150623			End Time 09:33		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											
<div>Continuous Defects</div> <div>CodeIDLength</div>			1	0	0	1	0	0	1	0	0
			2	0	0	2	0	0	2	0	0
			3	1	3	3	0	0	3	1	3
			4	0	0	4	0	0	4	0	0
			5	0	0	5	0	0	5	0	0
Subtotals			1		Subtotals	0		Subtotals	1		
SUMMARY			Pipe Rating	3	Pipe Rating	0	Overall Pipe Rating	3			
			Structural Index	3.0	O&M Index	0	Overall Index	3.0			
			Str. Quick Rating	3100	O&M Quick Rating	0000	Ovrl. Quick Rating	3100			