



Defect Listing

| | | | | | |
|--|---------------------------------|-----------------------------|---|---------------------------------------|------------------------------|
| Pipe Segment Refere... D1-5_D1-4 | City Oliver Springs | Street Bennett RD | Material Concrete Pipe (non-... | Location C... Light High... | Sewer Use Sanitary |
| Upstream MH D1-5 | Total Length 371.1 | Year Laid | Shape Circular | Location Details | |
| DS Manhole D1-4 | Length surveyed 371.1 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 4 |

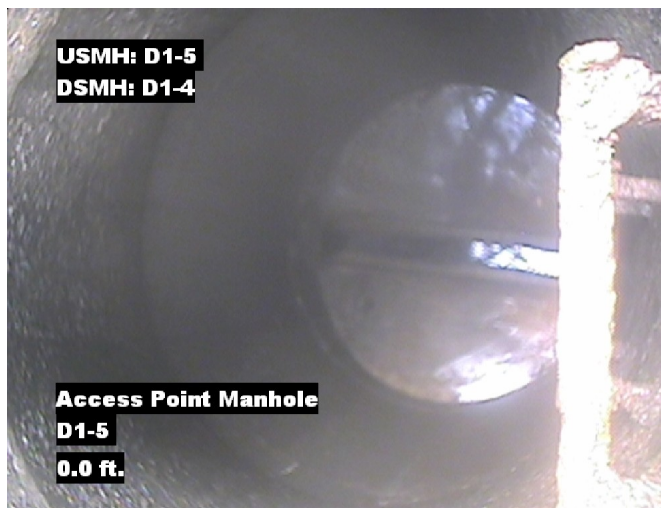
| | | | |
|--------------------|---|---------------------------------------|---|
| SPR N/A | MPR 10 | PO Number 4397-03 | Customer GRW |
| SPRI N/A | MPRI 3.3 | Work Order 4397-02 | Purpose Pre-Rehabilitation Survey |
| QSR N/A | QMR 4132 | | |
| OPR 10 | Surveyed By Barry Rogers | Direction Downstream | Date 20150708 |
| OPRI 3.3 | Certificate Number U-1012-16405 | Pre-Cleaning Heavy Cleaning | Time 14:43 |
| | Date Cleaned 20150708 | End Time 15:11 | 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: D1-5 | | | | | | | | | |
| 0.0 ft. | Water Level | | | | 5 | <input type="checkbox"/> | | | |
| 3.0 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 50.5 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 317.7 ft. | Water Level Sag | | | | 35 | <input type="checkbox"/> | | | 3 |
| 343.1 ft. | Water Level Sag | | | | 45 | <input type="checkbox"/> | | | 3 |
| 359.5 ft. | Camera Underwater | | | | 0 | <input type="checkbox"/> | | | 4 |
| 371.1 ft. | Water Level | | | | 100 | <input type="checkbox"/> | | | |
| 371.1 ft. | Access Point Manhole | | | | 0 | <input type="checkbox"/> | | | |
| Remarks: D1-4 | | | | | | | | | |

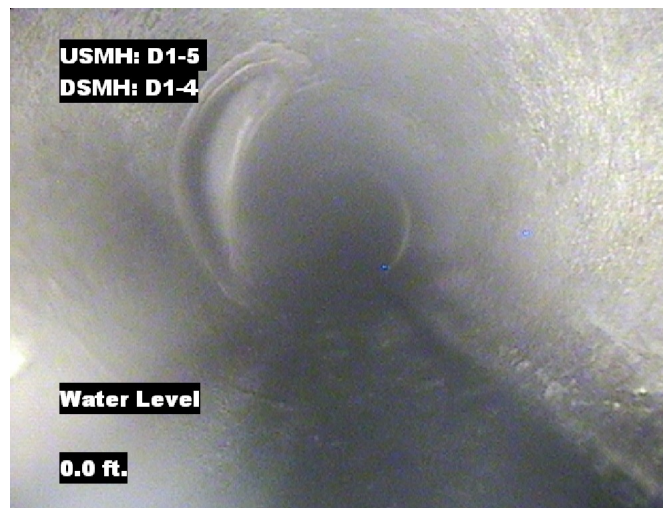


Image Report 4/Page

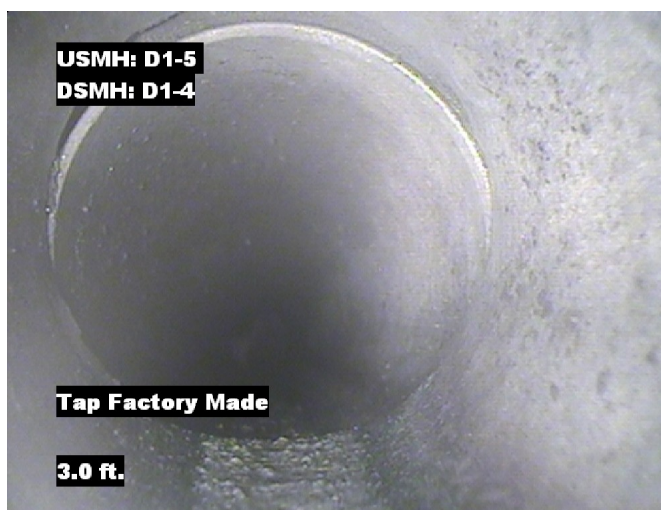
| | | | | | | |
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| DS Manhole D1-4 | Length surveyed 371.1 | Year Renewed | Height 8 | Width 8 | Pipe Joint... | 4 |



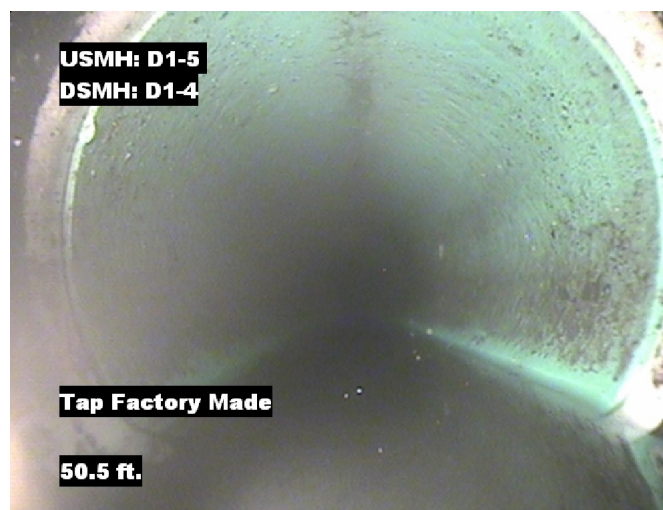
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D1-5



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



Distance: 3.0 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 50.5 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Image Report 4/Page

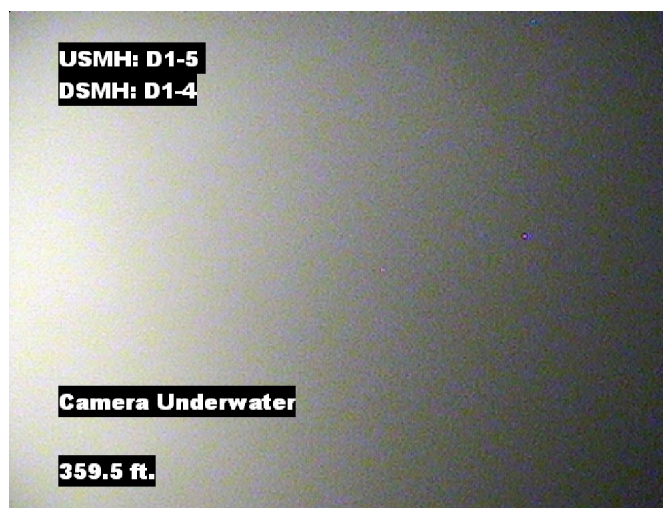
| Pipe Segment Refere... | City | Street | Material | Location C... | Sewer Use |
|------------------------|-----------------|--------------|------------------------|------------------|---------------|
| D1-5_D1-4 | Oliver Springs | Bennett RD | Concrete Pipe (non-... | Light High... | Sanitary |
| Upstream MH | Total Length | Year Laid | Shape | Location Details | |
| D1-5 | 371.1 | | Circular | | |
| DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint... |
| D1-4 | 371.1 | | 8 | 8 | 4 |



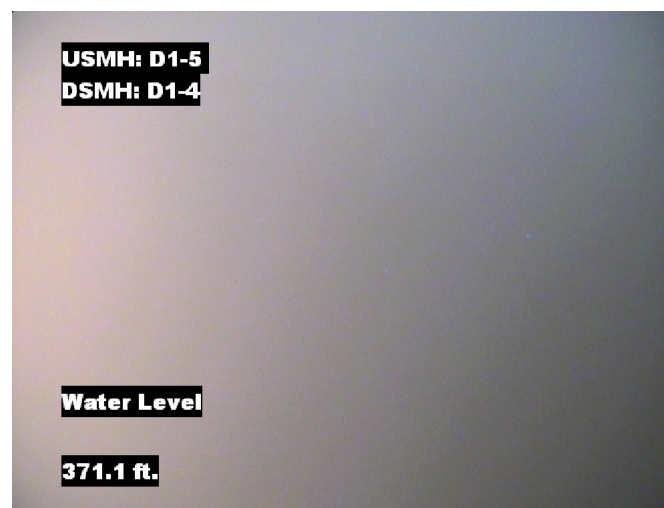
Distance: 317.7 ft. Grade: 3
Condition: Water Level Sag
Remarks: N/A



Distance: 343.1 ft. Grade: 3
Condition: Water Level Sag
Remarks: N/A



Distance: 359.5 ft. Grade: 4
Condition: Camera Underwater
Remarks: N/A

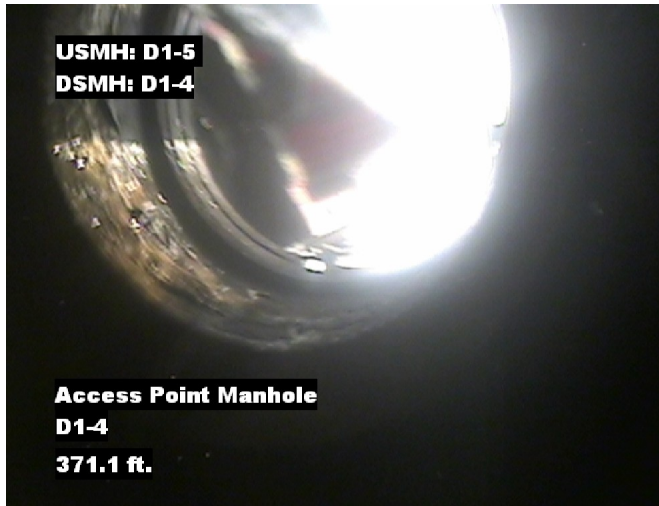


Distance: 371.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A

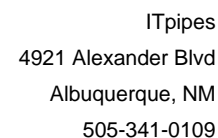


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| DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint... |
| D1-4 | 371.1 | | 8 | 8 | 4 |



Distance: 371.1 ft. Grade: 0
Condition: Access Point Manhole
Remarks: D1-4



| | | | | | |
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| SPR | N/A | MPR | 10 | Customer | |
| SPRI | N/A | MPRI | 3.3 | GRW | |
| QSR | N/A | QMR | 4132 | Purpose | |
| OPR | Surveyed By | Direction | Date | Media label | |
| 10 | Barry_Rogers | Downstream | 20150708 | | |
| OPRI | Certificate Number | Pre-Cleaning | Time | Weather | |
| 3.3 | U-1012-16405 | Heavy Cleaning | 14:43 | Damp | |
| Date Cleaned | | | End Time | Additional Info | |
| 20150708 | | | 15:11 | | |

[illegible]