



Defect Listing

| | | | | | |
|--|-------------------------------|----------------------------|---|---------------------------------------|------------------------------|
| Pipe Segment Refere... A8-15_A8-14 | City Oliver Springs | Street Walden Rd | Material Concrete Pipe (non-... | Location C... Light High... | Sewer Use Sanitary |
| Upstream MH A8-15 | Total Length 284 | Year Laid | Shape Circular | Location Details | |
| DS Manhole A8-14 | Length surveyed 284 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 4 |

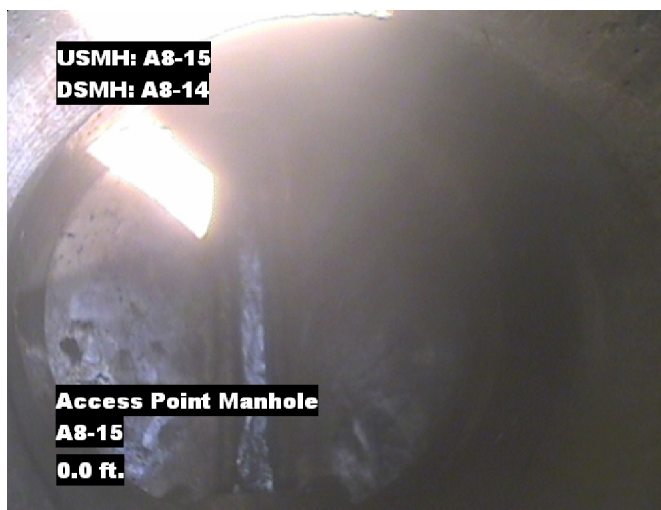
| | | | |
|--------------------|---|--------------------------------|---|
| SPR 5 | MPR 3 | PO Number 4397-03 | Customer GRW |
| SPRI 5 | MPRI 3 | Work Order 4397-02 | Purpose Pre-Rehabilitation Survey |
| QSR 5100 | QMR 3100 | | |
| OPR 8 | Surveyed By Barry Rogers | Direction Downstream | Date 20150730 |
| OPRI 4 | Certificate Number U-1012-16405 | Pre-Cleaning Jetting | Time 14:24 |
| | Date Cleaned 20150730 | End Time 14:41 | Weather Dry |
| | | | 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: A8-15 | | | | | | | | | |
| 0.0 ft. | Water Level | | | | 5 | <input type="checkbox"/> | | | |
| 34.9 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 64.6 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 225.7 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 271.4 ft. | Fracture Longitudinal Hinge 3 | | | | 0 | <input type="checkbox"/> | 11 | 2 | 5 |
| 271.4 ft. | Infiltration Dripper | | | | 0 | <input type="checkbox"/> | 12 | | 3 |
| 283.5 ft. | Water Level | | | | 5 | <input type="checkbox"/> | | | |
| 284.0 ft. | Access Point Manhole | | | | 0 | <input type="checkbox"/> | | | |
| Remarks: A8-14 | | | | | | | | | |

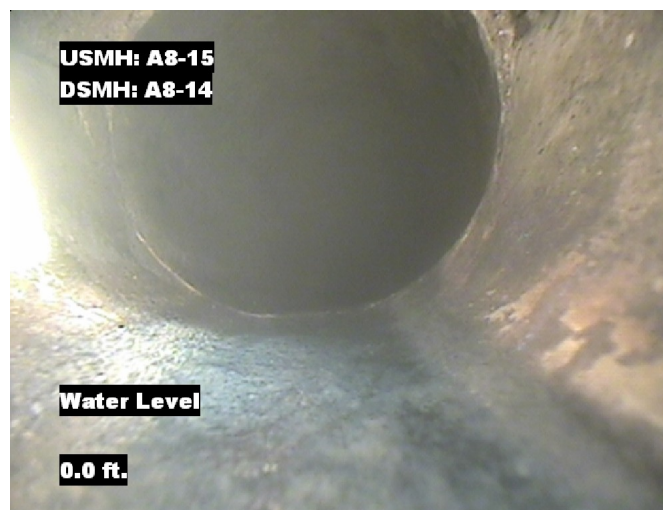


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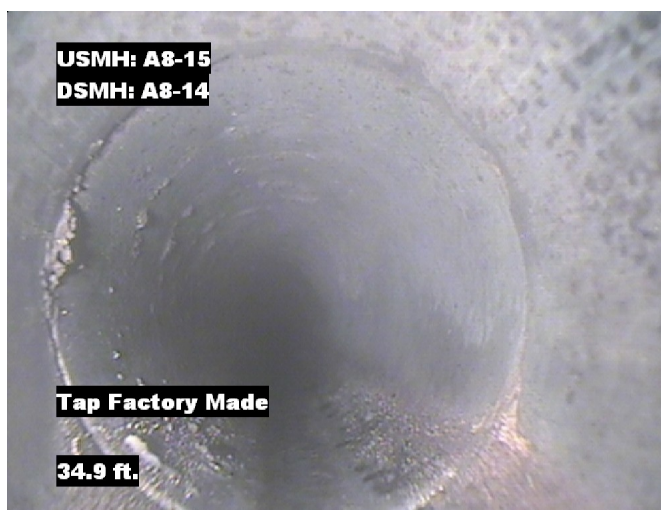
| Pipe Segment Refere... | City | Street | Material | Location C... | Sewer Use |
|------------------------|------------------------|------------------|-------------------------------|----------------------|-----------------|
| A8-15_A8-14 | Oliver Springs | Walden Rd | Concrete Pipe (non-... | Light High... | Sanitary |
| Upstream MH | Total Length | Year Laid | Shape | Location Details | |
| A8-15 | 284 | | Circular | | |
| DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint... |
| A8-14 | 284 | | 8 | 8 | 4 |



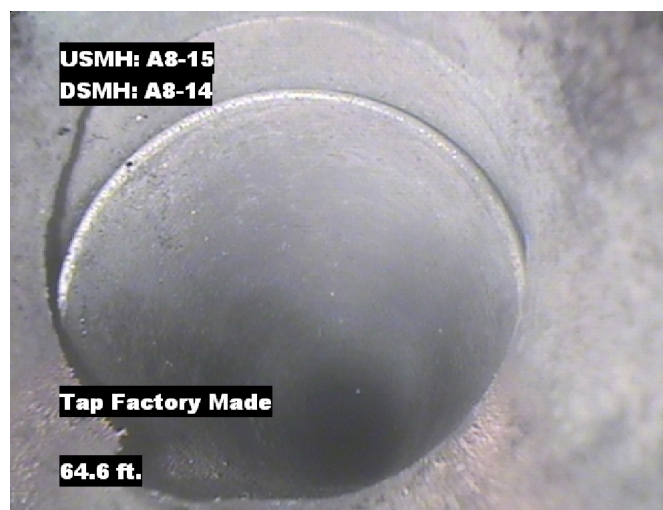
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A8-15



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



Distance: 34.9 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

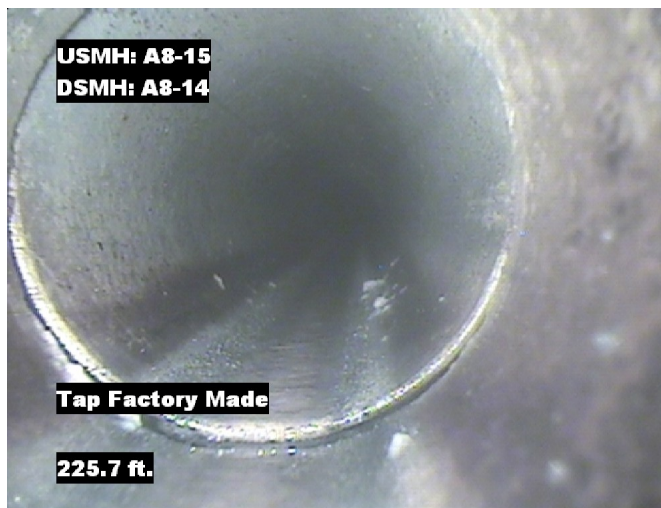


Distance: 64.6 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

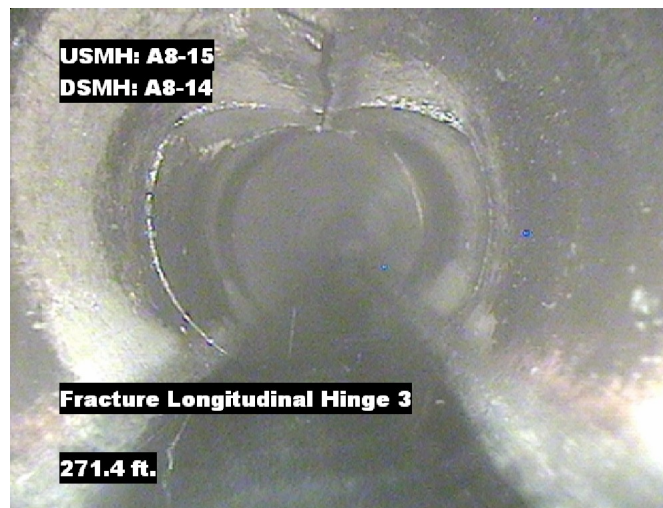


Image Report 4/Page

| Pipe Segment Refere... | City | Street | Material | Location C... | Sewer Use |
|------------------------|------------------------|------------------|-------------------------------|----------------------|-----------------|
| A8-15_A8-14 | Oliver Springs | Walden Rd | Concrete Pipe (non-... | Light High... | Sanitary |
| Upstream MH | Total Length | Year Laid | Shape | Location Details | |
| A8-15 | 284 | | Circular | | |
| DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint... |
| A8-14 | 284 | | 8 | 8 | 4 |



Distance: 225.7 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Distance: 271.4 ft. Grade: 5
Condition: Fracture Longitudinal Hinge 3
Remarks: N/A



Distance: 271.4 ft. Grade: 3
Condition: Infiltration Dripper
Remarks: N/A



Distance: 283.5 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Image Report 4/Page

| Pipe Segment Refere... | City | Street | Material | Location C... | Sewer Use |
|------------------------------------|--------------------------------------|------------------|---------------------------------|----------------------|---------------------------|
| A8-15_A8-14 | Oliver Springs | Walden Rd | Concrete Pipe (non-... | Light High... | Sanitary |
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| DS Manhole A8-14 | Length surveyed 284 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 4 |



Distance: 284.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A8-14



| | | | | | | |
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| OPRI 4 | Certificate Number U-1012-16405 | Pre-Cleaning Jetting | Time 14:24 | | Weather Dry | |
| Date Cleaned 20150730 | | | End Time 14:41 | | Additional Info | |

[illegible]