



Defect Listing

| | | | | | |
|--|-------------------------------|----------------------------|---|---------------------------------------|------------------------------|
| Pipe Segment Refere... A8-21_A8-20 | City Oliver Springs | Street Walden Rd | Material Concrete Pipe (non-... | Location C... Light High... | Sewer Use Sanitary |
| Upstream MH A8-21 | Total Length 333 | Year Laid | Shape Circular | Location Details | |
| DS Manhole A8-20 | Length surveyed 333 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 4 |

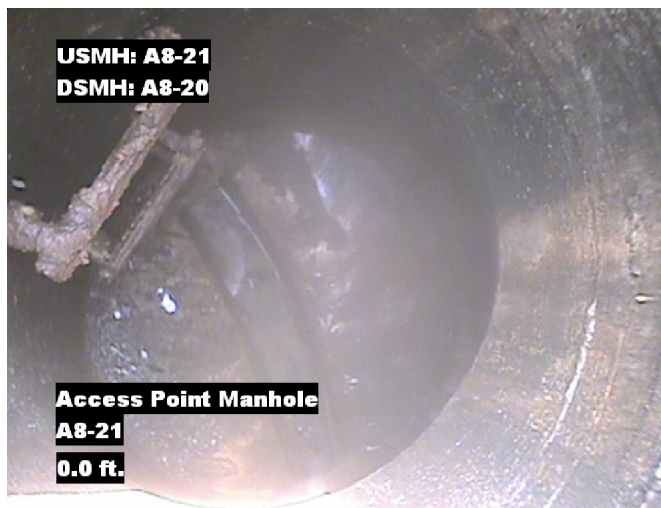
| | | | | | |
|---------------------------------|---|--------------------------------|--------------------------|---|--|
| SPR N/A | MPR N/A | PO Number 4397-03 | | Customer GRW | |
| SPRI N/A | MPRI N/A | Work Order 4397-02 | | Purpose Pre-Rehabilitation Survey | |
| QSR N/A | QMR N/A | | | | |
| OPR N/A | Surveyed By Barry Rogers | Direction Upstream | Date 20150730 | Media label | |
| OPRI N/A | Certificate Number U-1012-16405 | Pre-Cleaning Jetting | Time 10:28 | Weather Dry | |
| Date Cleaned 20150730 | | | End Time 10:49 | 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: A8-21 | | | | | | | | | |
| 0.0 ft. | Water Level | | | | 5 | <input type="checkbox"/> | | | |
| 124.4 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 167.3 ft. | Tap Factory Made | | 6 | | 0 | <input type="checkbox"/> | 9 | | |
| 330.9 ft. | Water Level | | | | 5 | <input type="checkbox"/> | | | |
| 333.0 ft. | Access Point Manhole | | | | 0 | <input type="checkbox"/> | | | |
| Remarks: A8-20 | | | | | | | | | |

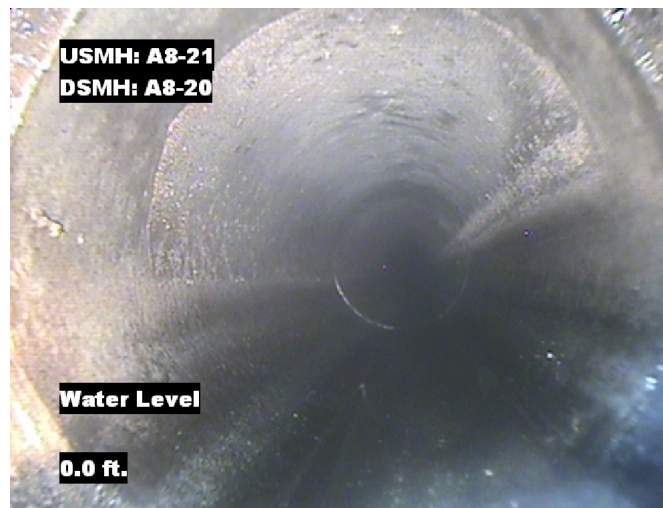


Image Report 4/Page

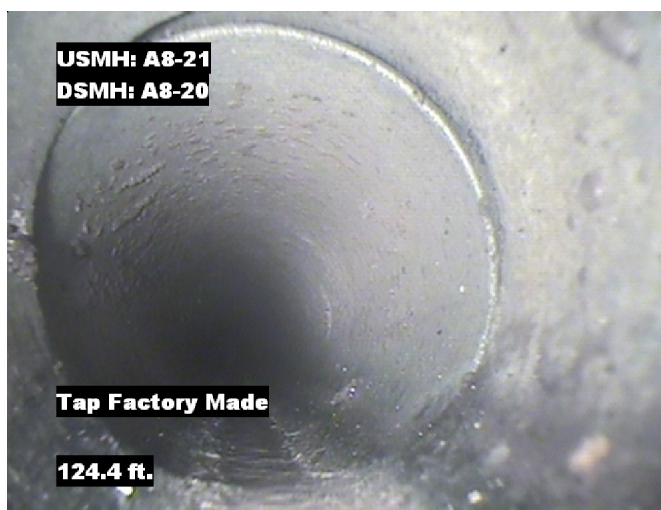
| | | | | | | |
|--|-------------------------------|----------------------------|---|-------------------|---------------------------------------|------------------------------|
| Pipe Segment Refere... A8-21_A8-20 | City Oliver Springs | Street Walden Rd | Material Concrete Pipe (non-... | | Location C... Light High... | Sewer Use Sanitary |
| Upstream MH A8-21 | Total Length 333 | Year Laid | Shape Circular | | Location Details | |
| DS Manhole A8-20 | Length surveyed 333 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 4 | |



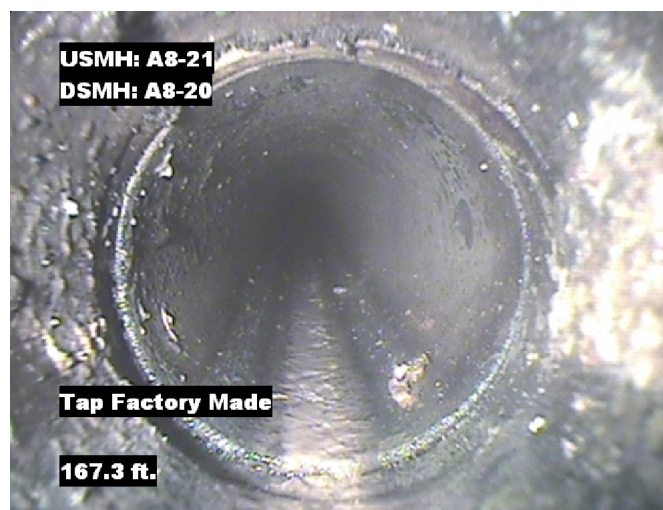
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A8-21



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



Distance: 124.4 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A

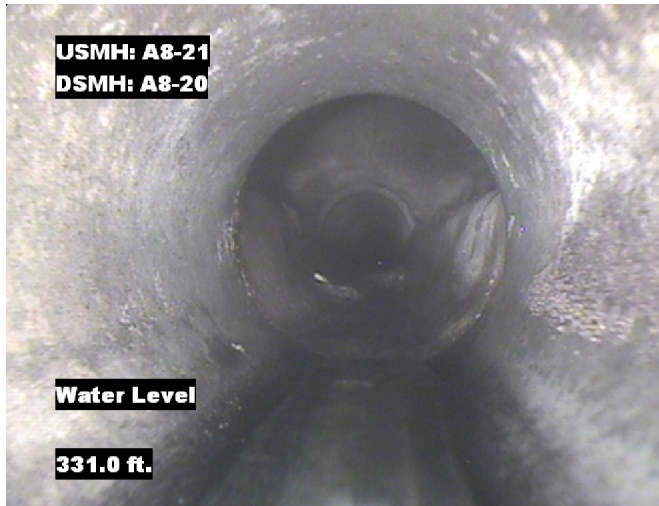


Distance: 167.3 ft. Grade: 0
Condition: Tap Factory Made
Remarks: N/A



Image Report 4/Page

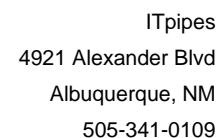
| | | | | | | |
|--|--------------------------------------|-----------------------------------|--|-------------------|--|-------------------------------------|
| Pipe Segment Refere... A8-21_A8-20 | City Oliver Springs | Street Walden Rd | Material Concrete Pipe (non-... | | Location C... Light High... | Sewer Use Sanitary |
| Upstream MH A8-21 | Total Length 333 | Year Laid | Shape Circular | | Location Details | |
| DS Manhole A8-20 | Length surveyed 333 | Year Renewed | Height 8 | Width 8 | Pipe Joint... | 4 |



Distance: 330.9 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 333.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: A8-20



PACP Conditions

| | | | | | | |
|---------------------------------------|------------------------------------|-------------------------|------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Pipe Segment Refere... A8-21_A8-20 | City Oliver Springs | Street Walden Rd | Material Concrete Pipe (non-... | | Location C... Light High... | Sewer Use Sanitary |
| Upstream MH A8-21 | Total Length 333 | Year Laid | Shape Circular | | Location Details | |
| DS Manhole A8-20 | Length surveyed 333 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 4 | |
| SPR N/A | MPR N/A | PO Number 4397-03 | | Customer GRW | | |
| SPRI N/A | MPRI N/A | Work Order 4397-02 | | Purpose Pre-Rehabilitation Survey | | |
| QSR N/A | QMR N/A | | | | | |
| OPR N/A | Surveyed By Barry_Rogers | Direction Upstream | Date 20150730 | | Media label | |
| OPRI N/A | Certificate Number U-1012-16405 | Pre-Cleaning Jetting | Time 10:28 | | Weather Dry | |
| Date Cleaned 20150730 | | | End Time 10:49 | | 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 | | | | | | | | | | | |
| | | | 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 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 |
| Continuous Defects | | | | | | | | | | | |
| Code | ID | Length | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |