



Defect Listing

| | | | | | |
|--|--------------------------------|--------------------------------|---------------------------------------|---------------------------------------|------------------------------|
| Pipe Segment Refere... E19-1_E-12B | City Oliver Springs | Street 429 Valley Dr | Material PolyVinyl Chloride | Location C... Yard | Sewer Use Sanitary |
| Upstream MH E19-1 | Total Length 77.7 | Year Laid | Shape Circular | Location Details Front Yard | |
| DS Manhole E-12B | Length surveyed 77.7 | Year Renewed | Height 8 | Width 8 | Pipe Joint... 13 |

| | | | |
|--------------------|---|--------------------------------|---|
| SPR 2 | MPR 4 | PO Number 4397-03 | Customer GRW |
| SPRI 2 | MPRI 4 | Work Order 4397-02 | Purpose Pre-Rehabilitation Survey |
| QSR 2100 | QMR 4100 | | |
| OPR 6 | Surveyed By Barry Rogers | Direction Downstream | Date 20150608 |
| OPRI 3 | Certificate Number U-1012-16405 | Pre-Cleaning Jetting | Time 13:07 |
| | Date Cleaned 20150608 | End Time 13:14 | Weather 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: E19-1 | | | | | | | | | |
| 0.0 ft. | Water Level | | | | 5 | <input type="checkbox"/> | | | |
| 36.9 ft. | Surface Spalling | | | | 0 | <input type="checkbox"/> | 5 | 10 | 2 |
| 36.9 ft. | Tap Break-In | | 6 | | 0 | <input type="checkbox"/> | 2 | | |
| 75.2 ft. | Water Mark | | | | 50 | <input type="checkbox"/> | | | 4 |
| 76.4 ft. | Water Level | | | | 10 | <input type="checkbox"/> | | | |
| 77.7 ft. | Access Point Manhole | | | | 0 | <input type="checkbox"/> | | | |
| Remarks: E-12B | | | | | | | | | |

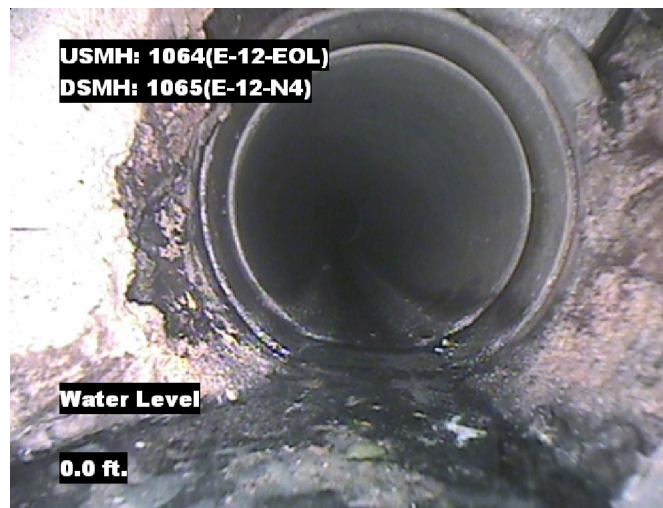


Image Report 4/Page

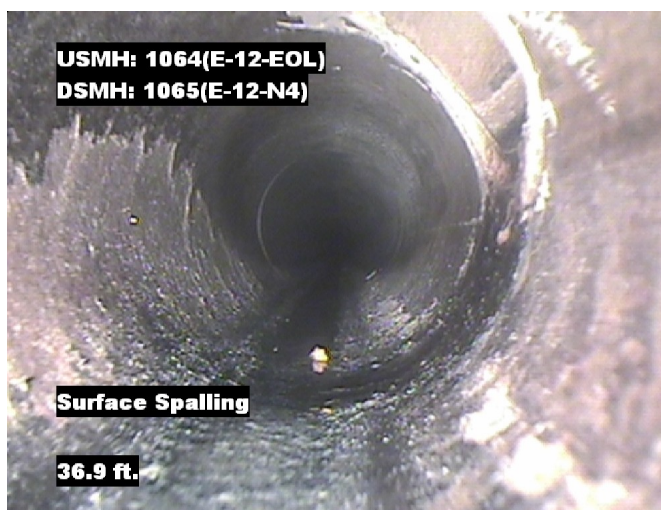
| | | | | | | |
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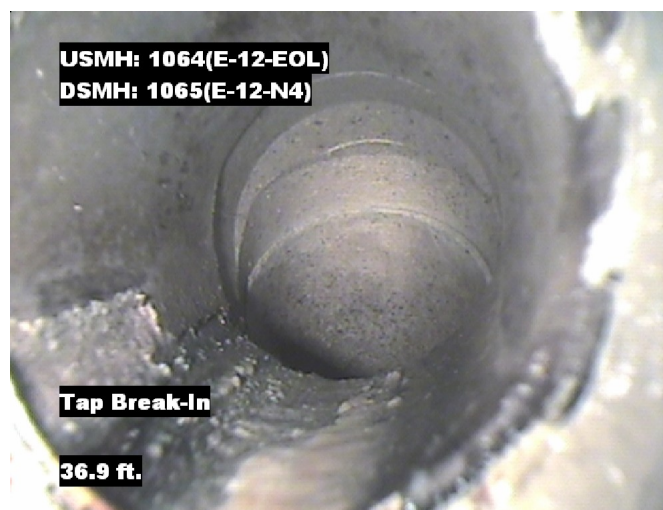
Distance: 0.0 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E19-1



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



Distance: 36.9 ft. Grade: 2
Condition: Surface Spalling
Remarks: N/A



Distance: 36.9 ft. Grade: 0
Condition: Tap Break-In
Remarks: N/A



Image Report 4/Page

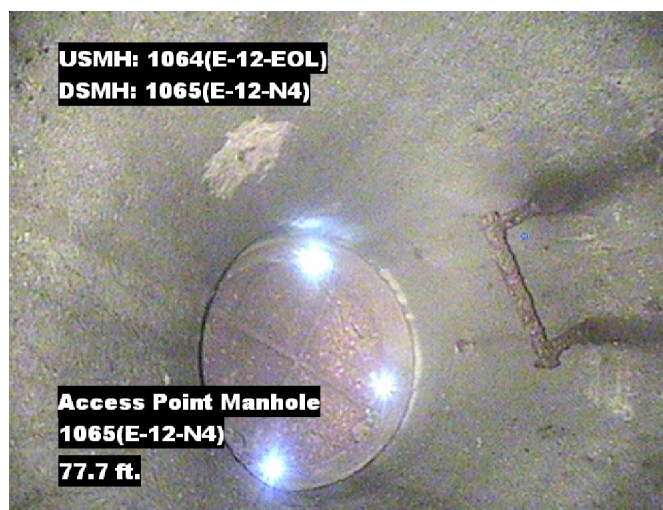
| Pipe Segment Refere... | City | Street | Material | Location C... | Sewer Use |
|------------------------|-------------------------|---------------|--------------------|--------------------------------|---------------------|
| E19-1_E-12B | Oliver Springs | 429 Valley Dr | PolyVinyl Chloride | Yard | Sanitary |
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Distance: 75.2 ft. Grade: 4
Condition: Water Mark
Remarks: N/A



Distance: 76.4 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 77.7 ft. Grade: 0
Condition: Access Point Manhole
Remarks: E-12B



| | | | | | | |
|---------------------------------------|------------------------------------|-------------------------|--------------------------------|--------------------------------------|--------------------------------|-----------------------|
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