



## Defect Listing

|   |                                |                             |   |                                       |                              |
|---|--------------------------------|-----------------------------|---|---------------------------------------|------------------------------|
| Pipe Segment Refere...<br><b>D12-1_D11-12</b> | City<br><b>Oliver Springs</b>  | Street<br><b>Norwood Dr</b> | Material<br><b>Concrete Pipe (non-...</b> | Location C...<br><b>Light High...</b> | Sewer Use<br><b>Sanitary</b> |
| Upstream MH<br><b>D12-1</b>                   | Total Length<br><b>37.7</b>    | Year Laid                   | Shape<br><b>Circular</b>                  | Location Details                      |                              |
| DS Manhole<br><b>D11-12</b>                   | Length surveyed<br><b>37.7</b> | Year Renewed                | Height<br><b>8</b>                        | Width<br><b>8</b>                     | Pipe Joint...<br><b>4</b>    |

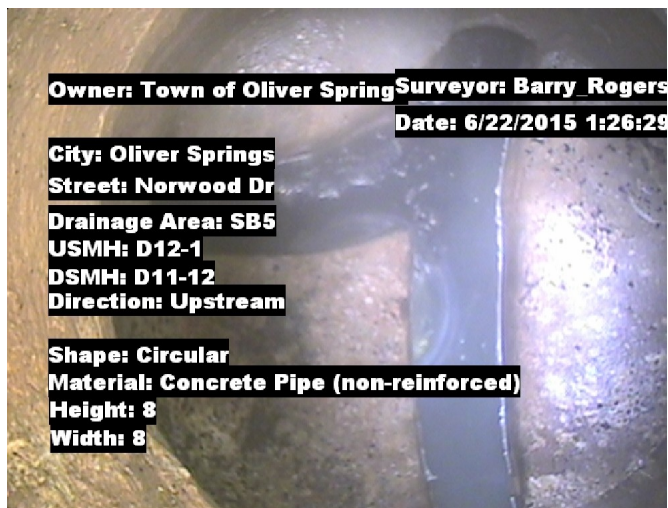
|                    |   |                                |   |
|--------------------|---|--------------------------------|---|
| SPR<br><b>2</b>    | MPR<br><b>N/A</b>                         | PO Number<br><b>4397-03</b>    | Customer<br><b>GRW</b>                      |
| SPRI<br><b>2</b>   | MPRI<br><b>N/A</b>                        | Work Order<br><b>4397-02</b>   | Purpose<br><b>Pre-Rehabilitation Survey</b> |
| QSR<br><b>2100</b> | QMR<br><b>N/A</b>                         |                                |   |
| OPR<br><b>2</b>    | Surveyed By<br><b>Barry Rogers</b>        | Direction<br><b>Upstream</b>   | Date<br><b>20150622</b>                     |
| OPRI<br><b>2</b>   | Certificate Number<br><b>U-1012-16405</b> | Pre-Cleaning<br><b>Jetting</b> | Time<br><b>13:30</b>                        |
|                    | Date Cleaned<br><b>20150622</b>           | End Time<br><b>13:34</b>       | Weather<br><b>Very Dry</b>                  |
|                    |   |                                | 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: D11-12           |                      |             |        |     |   |                          |                |    |       |
| 0.0 ft.                   | Water Level          |             |        |     | 5 | <input type="checkbox"/> |                |    |       |
| 37.7 ft.                  | Joint Offset Large   |             |        |     | 0 | <input type="checkbox"/> |                |    | 2     |
| 37.7 ft.                  | Survey Abandoned     |             |        |     | 0 | <input type="checkbox"/> |                |    |       |
| Remarks: Can Not Pass JOL |                      |             |        |     |   |                          |                |    |       |



## Image Report 4/Page

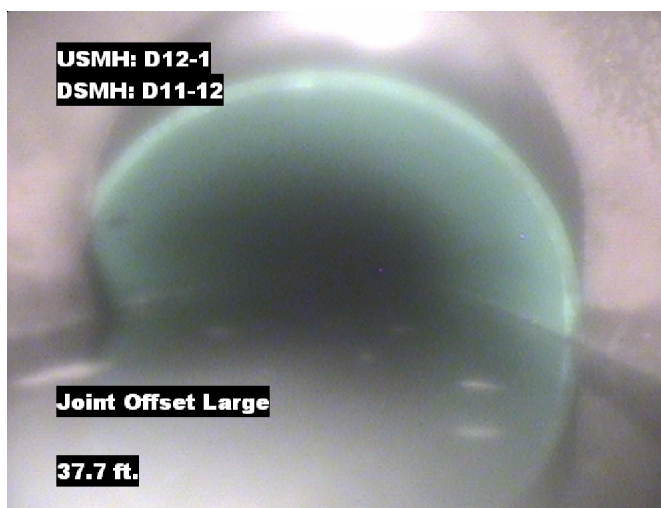
| Pipe Segment Refere... | City                    | Street       | Material               | Location C...    | Sewer Use          |
|------------------------|-------------------------|--------------|------------------------|------------------|--------------------|
| D12-1_D11-12           | Oliver Springs          | Norwood Dr   | Concrete Pipe (non-... | Light High...    | Sanitary           |
| Upstream MH<br>D12-1   | Total Length<br>37.7    | Year Laid    | Shape<br>Circular      | Location Details |                    |
| DS Manhole<br>D11-12   | Length surveyed<br>37.7 | Year Renewed | Height<br>8            | Width<br>8       | Pipe Joint...<br>4 |



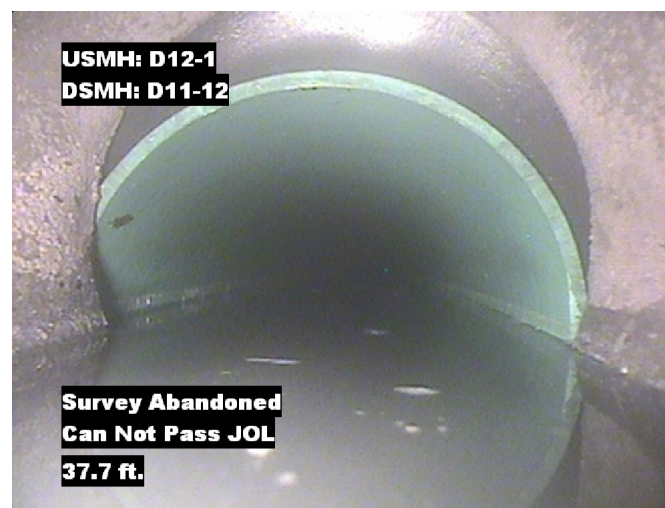
Distance: 0.0 ft. Grade: 0  
Condition: Access Point Manhole  
Remarks: D11-12



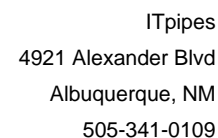
Distance: 0.0 ft. Grade: 0  
Condition: Water Level  
Remarks: N/A



Distance: 37.7 ft. Grade: 2  
Condition: Joint Offset Large  
Remarks: N/A



Distance: 37.7 ft. Grade: 0  
Condition: Survey Abandoned  
Remarks: Can Not Pass JOL



## Albuquerque, NM

|                    |    |        | Structural Ratings |            |                  | O & M Ratings |                     |           | Combined Ratings |            |        |
|--------------------|----|--------|--------------------|------------|------------------|---------------|---------------------|-----------|------------------|------------|--------|
|                    |    |        | Grade Rating       | No. Occur. | Rating           | Grade Rating  | No. Occur.          | Rating    | Grade Rating     | No. Occur. | Rating |
| Normal Defects     |    |        |                    |            |                  |               |                     |           |                  |            |        |
| Continuous Defects |    |        | 1                  | 0          | 0                | 1             | 0                   | 0         | 1                | 0          | 0      |
|                    |    |        | 2                  | 1          | 2                | 2             | 0                   | 0         | 2                | 1          | 2      |
|                    |    |        | 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      |
| Code               | ID | Length |                    |            |                  |               |                     |           |                  |            |        |
|                    |    |        |                    |            |                  |               |                     |           |                  |            |        |
|                    |    |        |                    |            |                  |               |                     |           |                  |            |        |
| Subtotals          |    |        | 1                  |            | Subtotals        | 0             |                     | Subtotals | 1                |            |        |
| SUMMARY            |    |        | Pipe Rating        | 2          | Pipe Rating      | 0             | Overall Pipe Rating | 2         |                  |            |        |
|                    |    |        | Structural Index   | 2.0        | O&M Index        | 0             | Overall Index       | 2.0       |                  |            |        |
|                    |    |        | Str. Quick Rating  | 2100       | O&M Quick Rating | 0000          | Ovrl. Quick Rating  | 2100      |                  |            |        |