ITpipes 4921 Alexander Blvd Albuquerque, NM 505-341-0109



Defect Listing

| Pipe Segment Refere | | City | | Street | Mat | Material | | Sewer Use | |
|---------------------|--------|--------------------|----------|---------------------------|------------|------------------|---------------------------|---------------|--|
| A41-1 | _A40-1 | Oliver | Springs | Hill Cir | Concrete F | ipe (non | Easement/R | Sanitary | |
| Upstre | am MH | Total | Length | Year Laid | Sha | nape Lo | | ation Details | |
| A4 | 1-1 | 24 | 0.2 | | Circ | ular | | | |
| DS Ma | anhole | Length s | surveyed | Year Renewed | Height | Width Pipe Joint | | | |
| A4 | 0-1 | 24 | 0.2 | | 8 | 8 | 8 4 | | |
| SPR | 1 | MPR | 8 | PO Number | | | Customer | | |
| 0001 | | MDDI | | 4397-03 Work Order | | GRW | | | |
| SPRI | 1 | MPRI | 4 | | | Purpose | | | |
| QSR | 1100 | QMR | 4200 | 4397-02 | | Pre- | Pre-Rehabilitation Survey | | |
| OI | PR | Surve | yed By | Direction | Da | ate | Media | alabel | |
| 9 | 9 | Charlie Gordon | | Downstream | 20150820 | | | | |
| OF | PRI | Certificate Number | | Pre-Cleaning | Time | | Weather | | |
| ; | 3 | | 7000491 | Jetting | 09:00 | | Damp | | |
| | | Date C | leaned | | End Time | | Additional Info | | |
| | | 2015 | 0820 | | 09:17 | | | | |

| Distance | Condition | Cont. Dfct. | Values | | | Joint | Clock Position | | 0 |
|-----------|-------------------------|-------------|--------|-----|----|----------|----------------|----|-------|
| | Condition | Cont. Dict. | 1st | 2nd | % | Joint | At/From | То | Grade |
| 0.0 ft. | Access Point Manhole | | | | 0 | | | | |
| Remarks: | A41-1 | | | • | | | | | |
| 0.0 ft. | Water Level | | | | 5 | | | | |
| 100.1 ft. | Tap Factory Made | | 6 | | 0 | | 9 | | |
| 108.6 ft. | Infiltration Runner | | | | 0 | V | 10 | | 4 |
| 189.5 ft. | Joint Offset Medium | | | | 0 | | | | 1 |
| 189.5 ft. | Infiltration Runner | | | | 0 | | 11 | | 4 |
| 238.4 ft. | Tap Factory Made Active | | 6 | | 0 | | 6 | | |
| 238.4 ft. | Water Level | | | | 10 | | | | |
| 240.2 ft. | Access Point Manhole | | | | 0 | | | | |
| Remarks: | A40-1 | | | • | | | | | • |





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| Pipe Segment Refere | City | Street | Material | | Location C | Sewer Use |
|---------------------|-----------------|--------------|--------------------|-------|------------|-----------|
| A41-1_A40-1 | Oliver Springs | Hill Cir | Concrete Pipe (non | | Easement/R | Sanitary |
| Upstream MH | Total Length | Year Laid | Shape | | Location | Details |
| A41-1 | 240.2 | | Circular | | | |
| DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint | |
| A40-1 | 240.2 | | 8 | 8 | 4 | |



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

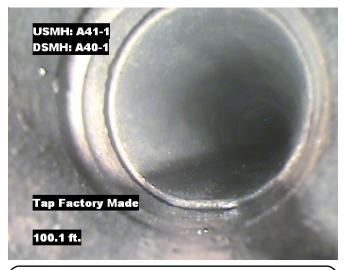
Remarks: A41-1



Distance: 0.0 ft. Grade: 0

Condition: Water Level

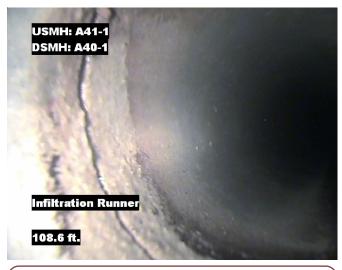
Remarks: N/A



Distance: 100.1 ft. Grade: 0

Condition: Tap Factory Made

Remarks: N/A



Distance: 108.6 ft. Grade: 4

Condition: Infiltration Runner

Remarks: N/A





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| $\overline{}$ | Pipe Segment Refere | City | Street | Material | | Location C | Sewer Use |
|---------------|---------------------|-----------------|--------------|--------------------|-------|------------|-----------|
| | A41-1_A40-1 | Oliver Springs | Hill Cir | Concrete Pipe (non | | Easement/R | Sanitary |
| | Upstream MH | Total Length | Year Laid | Shape | | Location | Details |
| | A41-1 | 240.2 | | Circular | | | |
| | DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint | |
| | A40-1 | 240.2 | | 8 | 8 | 4 | |



Distance: 189,5 ft. Grade:

Condition: Joint Offset Medium

Remarks: N/A



Distance: 189.5 ft. Grade: 4

Condition: Infiltration Runner

Remarks: N/A



Distance: 238.4 ft. **Grade**: **Condition**: Tap Factory Made Active

Remarks: N/A



Distance: 238.4 ft. Grade: 0

Condition: Water Level

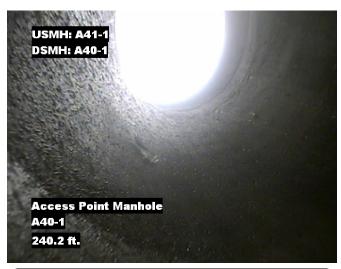
Remarks: N/A

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Image Report 4/Page

| Pipe Segment Refere | City | Street | Material | | Location C | Sewer Use |
|---------------------|-----------------|--------------|--------------------|-------|------------------|-----------|
| A41-1_A40-1 | Oliver Springs | Hill Cir | Concrete Pipe (non | | Easement/R | Sanitary |
| Upstream MH | Total Length | Year Laid | Shape | | Location Details | |
| A41-1 | 240.2 | | Circular | | | |
| DS Manhole | Length surveyed | Year Renewed | Height | Width | Pipe Joint | |
| A40-1 | 240.2 | | 8 | 8 | 4 | |



Distance: 240.2 ft. Grade: 0

Condition: Access Point Manhole

Remarks: A40-1



PACP Conditions

| Pipe Segme | ent Refere | С | City Street Material | | Location C | Sewer Use | | | |
|------------|------------|--------------------|---------------------------|------------------------------|------------------|---------------------------|--------------------|-----------------|--|
| A41-1 | _A40-1 | Oliver | Springs | Hill Cir | Concrete F | Pipe (non | pe (non Easement/R | | |
| Upstre | am MH | Total | al Length Year Laid Shape | | Location Details | | | | |
| A4 | 1-1 | 24 | 0.2 | | Circ | cular | ar | | |
| DS M | anhole | Length s | surveyed | Year Renewed | Height | Width | Pipe Joint | | |
| A4 | 0-1 | 24 | 0.2 | | 8 | 8 | 4 | | |
| SPR | 1 | MPR | 8 | PO Number 4397-03 Work Order | | Customer | | | |
| 0001 | | MDDI | | | | GRW | | | |
| SPRI | 1 | MPRI | 4 | | | Purpose | | | |
| QSR | 1100 | QMR | 4200 | 4397-02 | | Pre-Rehabilitation Survey | | | |
| Ol | PR | Surve | yed By | Direction | D | Date | | label | |
| 9 | 9 | Charlie Gordon | | Downstream | 2015 | 20150820 | | | |
| OF | PRI | Certificate Number | | Pre-Cleaning | Ti | Time | | | |
| 3 | | U-615-07000491 | | Jetting | 09 | 09:00 | | | |
| | | Date C | Cleaned | | | End Time | | Additional Info | |
| | | 2015 | 0820 | | 09:17 | | | | |

| | | Stru | ctural Rat | ings | 0 | & M Ratin | gs | Con | nbined Ra | tings |
|------------|---------|-----------------|---------------|--------|-----------------|---------------|--------|--------------------|---------------|--------|
| Normal D | efects | Grade Rating | No. Occur. | Rating | Grade Rating | No. Occur. | Rating | Grade Rating | No. Occur. | Rating |
| | | 1 | 4 | 4 | 1 | 0 | | 1 | 4 | 4 |
| | | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 |
| | | 3 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 |
| | | 4 | 0 | 0 | 4 | 2 | 8 | 4 | 2 | 8 |
| | | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 |
| | | | | O | | U | | | | Ū |
| Continuous | Defects | | | | | | | | | |
| Code ID | Length | | | | | | | | | |
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| | | Subtotals | 1 | | Subtotals | 2 | | Subtotals | 3 | |
| SUMMARY | | Pi | pe Rating | 1 | Pi | pe Rating | 8 | Overall P | pe Rating | 9 |
| 00.1111 | | Struct | ural Index | 1.0 | 0 | &M Index | 4.0 | Overall Index | | 3.0 |
| | | Str. Qu | ick Rating | 1100 | O&M Qui | ick Rating | 4200 | Ovrl. Quick Rating | | 4211 |