



## Defect Listing Plot Left

|                                |                                   |                                     |                                            |                                |                                       |
|--------------------------------|-----------------------------------|-------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------|
| Pipe ID<br><b>SSP00165</b>     | City<br><b>Springville</b>        | Street<br><b>935 E 200 NORTH ST</b> | Shape                                      | Map #1                         | Basin                                 |
| US Manhole<br><b>SSMH01210</b> | Section Length<br><b>272.2354</b> | Year Laid                           | Material<br><b>CONCRETE</b>                | Section Type<br><b>Gravity</b> |                                       |
| DS Manhole<br><b>SSMH01212</b> | Inspected Length<br><b>263.8</b>  | Year Renewed                        | Depth US                                   | Depth DS                       | Joint Leng...<br>Diameter<br><b>8</b> |
| Cleaned<br><b>No</b>           | Situation                         |                                     | Reason<br><b>General Condition Control</b> |                                |                                       |
| Date<br><b>20180327</b>        | Clean Date                        | Weather<br><b>Clear Dry</b>         |                                            | Remark                         |                                       |
| Start Time<br><b>12:49</b>     |                                   |                                     |                                            |                                |                                       |
| Operator<br><b>Todd_W</b>      | Customer                          | Truck<br><b>505</b>                 | Inspection Dir.<br><b>Downstream</b>       | Info                           |                                       |
| Operator Comment               | P.O. Number                       | Present                             | Flow Control                               | Camera<br><b>2</b>             |                                       |



SSMH01210

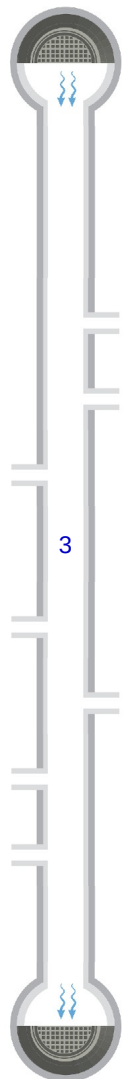
|           | Code:                                             | Continuous: | Pos: | Val 1 / 2 : | % : | Gallons: |
|-----------|---------------------------------------------------|-------------|------|-------------|-----|----------|
| -0.7 ft.  | Lateral Active                                    |             | 9    |             |     |          |
| 0.0 ft.   | Inspection Begins at Upstream MH                  |             |      |             |     |          |
| 4.1 ft.   | Lateral Active                                    |             | 3    |             |     |          |
| 58.1 ft.  | Lateral Active                                    |             | 9    |             |     |          |
| 69.1 ft.  | Lateral Active                                    |             | 3    |             |     |          |
| 70.0 ft.  | Lateral Capped                                    |             | 2    |             |     |          |
| 112.3 ft. | Lateral Active                                    |             | 9    |             |     |          |
| 141.9 ft. | Lateral Active                                    |             | 12   |             |     |          |
| 145.1 ft. | Lateral Capped                                    |             | 3    |             |     |          |
| 263.8 ft. | Inspection Ends at Downstream MH<br>pipe looks ok |             |      |             |     |          |

SSMH01212



## Defect Listing Plot Left

|                            |                           |                           |                        |                  |               |
|----------------------------|---------------------------|---------------------------|------------------------|------------------|---------------|
| Pipe Segment Refere...     | City                      | Street                    | Material               | Location C...    | Pipe Use      |
| SSP00166                   | SPRINGVILLE               | 1007 E 200 N              | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH<br>SSMH01219   | Total Length              | Year Constructed          | Shape<br>Circular      | Location Details |               |
| Downstream MH<br>SSMH01210 | Length surveyed<br>288.6  | Year Renewed              | Height<br>8            | Width<br>8       | Pipe Joint... |
| SPR                        | MPR                       | PO Number                 |                        | Customer         |               |
| SPRI                       | MPRI                      | Work Order Number         |                        | Purpose          |               |
| QSR                        | QMR                       |                           |                        |                  |               |
| OPR                        | Surveyed By<br>Admin      | Direction<br>Downstream   | Date<br>20220818       | Media label      |               |
| OPRI                       | Certificate Number<br>123 | Pre-Cleaning<br>Not Known | Time<br>08:18          | Weather          |               |
| Date Cleaned               |                           |                           | End Time<br>08:40      | Additional Info  |               |



SSMH01219

|           | Code:                             | Continuous: | Pos:  | Val 1 / 2 : | % : | Gallons: |
|-----------|-----------------------------------|-------------|-------|-------------|-----|----------|
| 0.0 ft.   | Access Point Manhole<br>SSMH01219 |             |       |             |     |          |
| 0.0 ft.   | Miscellaneous Water Level         |             |       |             | 5   |          |
| 3.9 ft.   | Tap Factory Activity              |             | 10    | 4           |     |          |
| 51.5 ft.  | Tap Factory Activity              |             | 10    | 4           |     |          |
| 93.2 ft.  | Tap Factory Activity              |             | 2     | 4           |     |          |
| 93.2 ft.  | Roots Medium Lateral              |             | 2 - 4 |             |     |          |
| 123.8 ft. | Tap Factory Made Capped           |             | 2     | 4           |     |          |
| 172.3 ft. | Tap Factory Activity              |             | 10    | 4           |     |          |
| 188.4 ft. | Tap Factory Activity              |             | 2     | 4           |     |          |
| 218.9 ft. | Tap Factory Made Capped           |             | 2     | 4           |     |          |
| 288.6 ft. | Access Point Manhole<br>SSMH01219 |             |       |             |     |          |

SSMH01210



## Defect Listing Plot Left

|                            |                           |                           |                        |                  |               |
|----------------------------|---------------------------|---------------------------|------------------------|------------------|---------------|
| Pipe Segment Refere...     | City                      | Street                    | Material               | Location C...    | Pipe Use      |
| SSP00167                   | SPRINGVILLE               | 199 N 1050 E              | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH<br>SSMH01218   | Total Length              | Year Constructed          | Shape<br>Circular      | Location Details |               |
| Downstream MH<br>SSMH01219 | Length surveyed<br>263.4  | Year Renewed              | Height<br>8            | Width<br>8       | Pipe Joint... |
| SPR                        | MPR                       | PO Number                 |                        | Customer         |               |
| SPRI                       | MPRI                      | Work Order Number         |                        | Purpose          |               |
| QSR                        | QMR                       |                           |                        |                  |               |
| OPR                        | Surveyed By<br>Admin      | Direction<br>Downstream   | Date<br>20220818       | Media label      |               |
| OPRI                       | Certificate Number<br>123 | Pre-Cleaning<br>Not Known | Time<br>07:36          | Weather          |               |
| Date Cleaned               |                           |                           | End Time<br>07:49      | Additional Info  |               |



SSMH01218

|           | Code:                             | Continuous: | Pos: | Val 1 / 2 : | % : | Gallons: |
|-----------|-----------------------------------|-------------|------|-------------|-----|----------|
| 0.0 ft.   | Access Point Manhole<br>SSMH01218 |             |      |             |     |          |
| 0.0 ft.   | Miscellaneous Water Level         |             |      |             | 5   |          |
| 49.6 ft.  | Tap Factory Activity              |             | 10   | 4           |     |          |
| 54.1 ft.  | Tap Factory Activity              |             | 2    | 4           |     |          |
| 205.1 ft. | Tap Factory Activity              |             | 10   | 4           |     |          |
| 263.4 ft. | Access Point Manhole<br>SSMH01218 |             |      |             |     |          |

SSMH01219



## Defect Listing Plot Left

|                            |                           |                           |                        |                  |               |
|----------------------------|---------------------------|---------------------------|------------------------|------------------|---------------|
| Pipe Segment Refere...     | City                      | Street                    | Material               | Location C...    | Pipe Use      |
| SSP00168                   | SPRINGVILLE               | 1125 E 200 N              | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH<br>SSMH01217   | Total Length              | Year Constructed          | Shape<br>Circular      | Location Details |               |
| Downstream MH<br>SSMH01218 | Length surveyed<br>339.8  | Year Renewed              | Height<br>8            | Width<br>8       | Pipe Joint... |
| SPR                        | MPR                       | PO Number                 |                        | Customer         |               |
| SPRI                       | MPRI                      | Work Order Number         |                        | Purpose          |               |
| QSR                        | QMR                       |                           |                        |                  |               |
| OPR                        | Surveyed By<br>Admin      | Direction<br>Downstream   | Date<br>20220818       | Media label      |               |
| OPRI                       | Certificate Number<br>123 | Pre-Cleaning<br>Not Known | Time<br>07:11          | Weather          |               |
| Date Cleaned               |                           |                           | End Time<br>07:31      | Additional Info  |               |



SSMH01217

|           | Code:                             | Continuous: | Pos: | Val 1 / 2 : | % : | Gallons: |
|-----------|-----------------------------------|-------------|------|-------------|-----|----------|
| 0.0 ft.   | Access Point Manhole<br>SSMH01217 |             |      |             |     |          |
| 0.0 ft.   | Miscellaneous Water Level         |             |      |             | 5   |          |
| 9.1 ft.   | Tap Factory Activity              |             | 2    | 4           |     |          |
| 9.9 ft.   | Tap Factory Activity              |             | 2    | 4           |     |          |
| 85.7 ft.  | Tap Factory Activity              |             | 10   | 4           |     |          |
| 86.3 ft.  | Tap Factory Activity              |             | 2    | 4           |     |          |
| 126.4 ft. | Tap Factory Activity              |             | 2    | 4           |     |          |
| 136.4 ft. | Tap Factory Activity              |             | 10   | 4           |     |          |
| 196.4 ft. | Tap Factory Activity              |             | 10   | 4           |     |          |
| 265.8 ft. | Tap Factory Activity              |             | 2    | 4           |     |          |
| 314.5 ft. | Tap Factory Activity              |             | 10   | 4           |     |          |
| 339.8 ft. | Access Point Manhole<br>SSMH01217 |             |      |             |     |          |

SSMH01218



## Defect Listing Plot Left

|                                |                                   |                                    |                                            |                                |                                       |
|--------------------------------|-----------------------------------|------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------|
| Pipe ID<br><b>SSP00246</b>     | City<br><b>Springville</b>        | Street<br><b>492 N 800 EAST ST</b> | Shape                                      | Map #1                         | Basin                                 |
| US Manhole<br><b>SSMH01165</b> | Section Length<br><b>376.8074</b> | Year Laid                          | Material<br><b>CONCRETE</b>                | Section Type<br><b>Gravity</b> |                                       |
| DS Manhole<br><b>SSMH01166</b> | Inspected Length<br><b>372.3</b>  | Year Renewed                       | Depth US                                   | Depth DS                       | Joint Leng...<br>Diameter<br><b>8</b> |
| Cleaned<br><b>Not Known</b>    | Situation                         |                                    | Reason<br><b>General Condition Control</b> |                                |                                       |
| Date<br><b>20171129</b>        | Clean Date                        | Weather<br><b>Clear Dry</b>        |                                            | Remark                         |                                       |
| Start Time<br><b>10:46</b>     |                                   |                                    |                                            |                                |                                       |
| Operator<br><b>Todd_W</b>      | Customer                          | Truck<br><b>505</b>                | Inspection Dir.<br><b>Downstream</b>       | Info                           |                                       |
| Operator Comment               | P.O. Number                       | Present                            | Flow Control                               | Camera<br><b>2</b>             |                                       |



SSMH01165

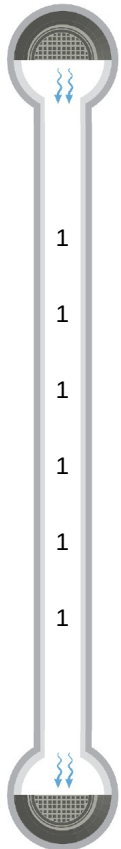
|           | Code:                                                       | Continuous: | Pos: | Val 1 / 2 : | % : | Gallons: |
|-----------|-------------------------------------------------------------|-------------|------|-------------|-----|----------|
| 0.0 ft.   | Inspection Begins at Upstream MH                            |             |      |             |     |          |
| 13.4 ft.  | Lateral Active                                              |             | 10   |             |     |          |
| 125.2 ft. | Lateral Active                                              |             | 12   |             |     |          |
| 242.1 ft. | Lateral Active                                              |             | 10   |             |     |          |
| 298.1 ft. | Lateral Active<br>501 North. need to put lateral on the map |             | 2    |             |     |          |
| 354.5 ft. | Lateral Active                                              |             | 10   |             |     |          |
| 372.3 ft. | Inspection Ends at Downstream MH<br>ends at a drop man hole |             |      |             |     |          |

SSMH01166



## Defect Listing Plot Left

|                                |                                   |                                    |                                            |                                |                                       |
|--------------------------------|-----------------------------------|------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------|
| Pipe ID<br><b>SSP00248</b>     | City<br><b>Springville</b>        | Street<br><b>413 N 800 EAST ST</b> | Shape                                      | Map #1                         | Basin                                 |
| US Manhole<br><b>SSMH02673</b> | Section Length<br><b>153.5576</b> | Year Laid                          | Material<br><b>CONCRETE</b>                | Section Type<br><b>Gravity</b> |                                       |
| DS Manhole<br><b>SSMH01167</b> | Inspected Length<br><b>153.2</b>  | Year Renewed                       | Depth US                                   | Depth DS                       | Joint Leng...<br>Diameter<br><b>8</b> |
| Cleaned<br><b>Not Known</b>    | Situation                         |                                    | Reason<br><b>General Condition Control</b> |                                |                                       |
| Date<br><b>20170301</b>        | Clean Date                        | Weather<br><b>Clear Dry</b>        |                                            | Remark                         |                                       |
| Start Time<br><b>08:45</b>     |                                   |                                    |                                            |                                |                                       |
| Operator<br><b>Todd_W</b>      | Customer                          | Truck<br><b>505</b>                | Inspection Dir.<br><b>Downstream</b>       | Info                           |                                       |
| Operator Comment               | P.O. Number                       | Present                            | Flow Control                               | Camera                         |                                       |



SSMH02673

|                | Code:                                                                                                            | Continuous: | Pos:    | Val 1 / 2 : | % : | Gallons: |
|----------------|------------------------------------------------------------------------------------------------------------------|-------------|---------|-------------|-----|----------|
| 0.0 ft.        | Inspection Begins at Upstream MH<br>tv agin list                                                                 |             |         |             |     |          |
| 1<br>66.9 ft.  | Point Repair Point Repair<br>repair begins                                                                       |             | 12 - 12 |             |     |          |
| 1<br>71.2 ft.  | Point Repair Point Repair<br>repair ends                                                                         |             | 12 - 12 |             |     |          |
| 1<br>111.0 ft. | Point Repair Point Repair<br>repair begins                                                                       |             | 12 - 12 |             |     |          |
| 1<br>115.4 ft. | Point Repair Point Repair<br>repair ends                                                                         |             | 12 - 12 |             |     |          |
| 1<br>118.8 ft. | Point Repair Other<br>repair begins                                                                              |             | 12 - 12 |             |     |          |
| 1<br>122.8 ft. | Point Repair Point Repair<br>repair ends                                                                         |             | 12 - 12 |             |     |          |
| 153.2 ft.      | Inspection Ends at Downstream MH<br>we have cut out the roots. but we will want to check on them in a few months |             |         |             |     |          |

SSMH01167



## Defect Listing Plot Left

|                                |                                   |                                     |                                    |                                |                                       |
|--------------------------------|-----------------------------------|-------------------------------------|------------------------------------|--------------------------------|---------------------------------------|
| Pipe ID<br><b>SSP00249</b>     | City<br><b>Springville</b>        | Street<br><b>773 E 400 NORTH ST</b> | Shape                              | Map #1                         | Basin                                 |
| US Manhole<br><b>SSMH01167</b> | Section Length<br><b>238.2872</b> | Year Laid                           | Material<br><b>CONCRETE</b>        | Section Type<br><b>Gravity</b> |                                       |
| DS Manhole<br><b>SSMH01546</b> | Inspected Length<br><b>241.3</b>  | Year Renewed                        | Depth US                           | Depth DS                       | Joint Leng...<br>Diameter<br><b>8</b> |
| Cleaned                        |                                   | Situation                           |                                    | Reason                         |                                       |
| Date<br><b>20191106</b>        | Clean Date                        | Weather<br><b>Cloudy</b>            |                                    | General Condition Control      |                                       |
| Start Time<br><b>13:53</b>     |                                   | Remark                              |                                    |                                |                                       |
| Operator<br><b>Admin</b>       | Customer                          | Truck<br><b>505</b>                 | Inspection Dir.<br><b>Upstream</b> | Info                           |                                       |
| Operator Comment               | P.O. Number                       | Operator Name<br><b>Brad J.</b>     | Flow Control                       | Camera                         |                                       |



SSMH01546

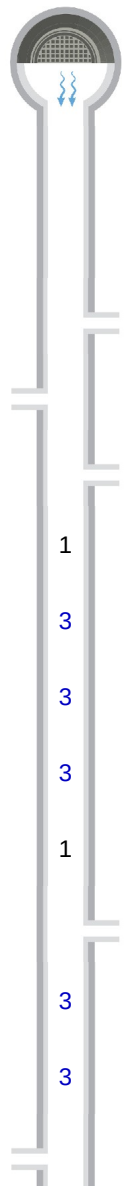
|           | Code:                              | Continuous: | Pos: | Val 1 / 2 : | % : | Gallons: |
|-----------|------------------------------------|-------------|------|-------------|-----|----------|
| 0.0 ft.   | Inspection Begins at Downstream MH |             |      |             |     |          |
| 45.8 ft.  | Lateral Active                     |             | 10   |             |     |          |
| 93.3 ft.  | Lateral Active                     |             | 3    |             |     |          |
| 135.0 ft. | Lateral Active                     |             | 1    |             |     |          |
| 149.4 ft. | Lateral Active                     |             | 11   |             |     |          |
| 166.7 ft. | Lateral Active                     |             | 3    |             |     |          |
| 181.3 ft. | Lateral Active                     |             | 9    |             |     |          |
| 241.3 ft. | Inspection Ends at Upstream MH     |             |      |             |     |          |

SSMH01167



## Defect Listing Plot Left

|                            |                           |                           |                        |                  |               |
|----------------------------|---------------------------|---------------------------|------------------------|------------------|---------------|
| Pipe Segment Refere...     | City                      | Street                    | Material               | Location C...    | Pipe Use      |
| SSP00740                   | SPRINGVILLE               | 424 E BUCKLEY AVE         | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH<br>SSMH00647   | Total Length              | Year Constructed          | Shape<br>Circular      | Location Details |               |
| Downstream MH<br>SSMH01464 | Length surveyed<br>326.3  | Year Renewed              | Height<br>8            | Width<br>8       | Pipe Joint... |
| SPR                        | MPR                       | PO Number                 |                        | Customer         |               |
| SPRI                       | MPRI                      | Work Order Number         |                        | Purpose          |               |
| QSR                        | QMR                       |                           |                        |                  |               |
| OPR                        | Surveyed By<br>Admin      | Direction<br>Downstream   | Date<br>20220923       | Media label      |               |
| OPRI                       | Certificate Number<br>123 | Pre-Cleaning<br>Not Known | Time<br>09:11          | Weather          |               |
| Date Cleaned               |                           |                           | End Time<br>09:31      | Additional Info  |               |



SSMH00647

| Code:                                                                     | Continuous: | Pos:    | Val 1 / 2 : | % : | Gallons: |
|---------------------------------------------------------------------------|-------------|---------|-------------|-----|----------|
| 0.0 ft. Access Point Manhole<br>SSMH00647                                 |             |         |             |     |          |
| 0.0 ft. Miscellaneous Water Level                                         |             |         |             | 5   |          |
| 65.9 ft. Tap Factory Activity                                             |             | 10      | 4           |     |          |
| 103.5 ft. Tap Factory Activity                                            |             | 3       | 4           |     |          |
| 104.3 ft. Tap Factory Activity                                            |             | 10      | 4           |     |          |
| 109.9 ft. Roots Fine Joint                                                |             | 3 - 3   |             |     |          |
| 113.7 ft. Roots Medium Joint                                              |             | 3 - 9   |             | 5   |          |
| 117.7 ft. Roots Medium Joint<br>CAN CUT THESE OUT                         |             | 3 - 9   |             | 15  |          |
| 122.0 ft. Roots Medium Joint<br>CAN CUT OUT                               |             | 3 - 12  |             | 10  |          |
| 137.9 ft. Roots Fine Joint                                                |             | 9 - 12  |             |     |          |
| 144.2 ft. Tap Factory Activity<br>HAS ROOTS ON THE OUTSIDE OF THE LATERAL |             | 10      | 4           |     |          |
| 146.1 ft. Roots Medium Joint<br>ROOTS AROUND MOST OF THE JOINT            |             | 11 - 12 |             | 5   |          |
| 154.0 ft. Roots Medium Joint                                              |             | 9 - 3   |             | 5   |          |
| 163.7 ft. Tap Factory Activity                                            |             | 3       | 4           |     |          |



## Defect Listing Plot Left

|                        |                    |                   |                        |                  |               |
|------------------------|--------------------|-------------------|------------------------|------------------|---------------|
| Pipe Segment Refere... | City               | Street            | Material               | Location C...    | Pipe Use      |
| SSP00740               | SPRINGVILLE        | 424 E BUCKLEY AVE | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH            | Total Length       | Year Constructed  | Shape                  | Location Details |               |
| SSMH00647              |                    |                   | Circular               |                  |               |
| Downstream MH          | Length surveyed    | Year Renewed      | Height                 | Width            | Pipe Joint... |
| SSMH01464              | 326.3              |                   | 8                      | 8                |               |
| SPR                    | MPR                | PO Number         |                        | Customer         |               |
| SPRI                   | MPRI               | Work Order Number |                        | Purpose          |               |
| QSR                    | QMR                |                   |                        |                  |               |
| OPR                    | Surveyed By        | Direction         | Date                   | Media label      |               |
|                        | Admin              | Downstream        | 20220923               |                  |               |
| OPRI                   | Certificate Number | Pre-Cleaning      | Time                   | Weather          |               |
|                        | 123                | Not Known         | 09:11                  |                  |               |
| Date Cleaned           |                    |                   | End Time               | Additional Info  |               |
|                        |                    |                   | 09:31                  |                  |               |

|  |   |           |                                   |  |       |   |  |  |
|--|---|-----------|-----------------------------------|--|-------|---|--|--|
|  | 1 | 173.7 ft. | Roots Fine Joint                  |  | 2 - 4 |   |  |  |
|  |   | 191.1 ft. | Tap Factory Activity              |  | 10    | 4 |  |  |
|  |   | 195.0 ft. | Tap Factory Activity              |  | 3     | 4 |  |  |
|  |   | 326.3 ft. | Access Point Manhole<br>SSMH00647 |  |       |   |  |  |



## Defect Listing Plot Left

|                                |                                  |                                   |                                            |                                |                           |
|--------------------------------|----------------------------------|-----------------------------------|--------------------------------------------|--------------------------------|---------------------------|
| Pipe ID<br><b>SSP01028</b>     | City<br><b>Springville</b>       | Street                            | Shape                                      | Map #1                         | Basin                     |
| US Manhole<br><b>SSMH02103</b> | Section Length<br><b>422.462</b> | Year Laid                         | Material                                   | Section Type<br><b>Gravity</b> |                           |
| DS Manhole<br><b>SSMH02102</b> | Inspected Length<br><b>416.3</b> | Year Renewed                      | Depth US                                   | Depth DS                       | Joint Leng...<br>Diameter |
| Cleaned<br><b>Yes</b>          | Situation                        |                                   | Reason<br><b>General Condition Control</b> |                                |                           |
| Date<br><b>20210201</b>        | Clean Date                       | Weather<br><b>Cloudy</b>          |                                            | Remark                         |                           |
| Start Time<br><b>10:58</b>     |                                  |                                   |                                            |                                |                           |
| Operator<br><b>Admin</b>       | Customer                         | Truck<br><b>505</b>               | Inspection Dir.<br><b>Downstream</b>       | Info                           |                           |
| Operator Comment               | P.O. Number                      | Operator Name<br><b>Austin S.</b> | Flow Control                               | Camera                         |                           |



SSMH02103

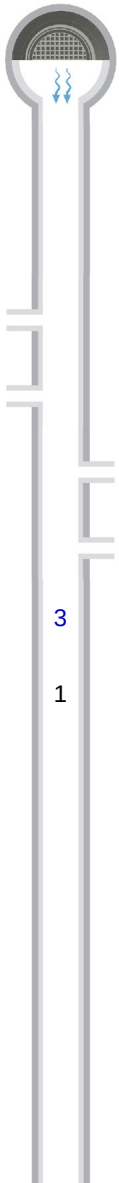
|           | Code:                            | Continuous: | Pos:    | Val 1 / 2 : | % : | Gallons: |
|-----------|----------------------------------|-------------|---------|-------------|-----|----------|
| 7.0 ft.   | Inspection Begins at Upstream MH |             |         |             |     |          |
| 31.4 ft.  | Lateral Capped                   |             | 2       |             |     |          |
| 33.0 ft.  | Lateral Active                   |             | 1       |             |     |          |
| 95.4 ft.  | Lateral Capped                   |             | 3       |             |     |          |
| 99.9 ft.  | Lateral Active                   |             | 2       |             |     |          |
| 198.8 ft. | Lateral Active                   |             | 9       |             |     |          |
| 215.9 ft. | Wall Surface Damage              |             | 12 - 12 |             |     |          |
| 217.6 ft. | Lateral Active                   |             | 2       |             |     |          |
| 299.4 ft. | Lateral Active                   |             | 12      |             |     |          |
| 330.5 ft. | Lateral Active                   |             | 2       |             |     |          |
| 416.3 ft. | Inspection Ends at Downstream MH |             |         |             |     |          |

SSMH02102



## Defect Listing Plot Left

|                            |                           |                           |                        |                  |               |
|----------------------------|---------------------------|---------------------------|------------------------|------------------|---------------|
| Pipe Segment Refere...     | City                      | Street                    | Material               | Location C...    | Pipe Use      |
| SSP01090                   | SPRINGVILLE               | 323 E 600 S               | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH<br>SSMH02690   | Total Length              | Year Constructed          | Shape<br>Circular      | Location Details |               |
| Downstream MH<br>SSMH02038 | Length surveyed<br>299.6  | Year Renewed              | Height<br>8            | Width<br>8       | Pipe Joint... |
| SPR                        | MPR                       | PO Number                 |                        | Customer         |               |
| SPRI                       | MPRI                      | Work Order Number         |                        | Purpose          |               |
| QSR                        | QMR                       |                           |                        |                  |               |
| OPR                        | Surveyed By<br>Admin      | Direction<br>Downstream   | Date<br>20220928       | Media label      |               |
| OPRI                       | Certificate Number<br>123 | Pre-Cleaning<br>Not Known | Time<br>08:50          | Weather          |               |
| Date Cleaned               |                           |                           | End Time<br>09:12      | Additional Info  |               |



SSMH02690

| Code:                                              | Continuous: | Pos:  | Val 1 / 2 : | % : | Gallons: |
|----------------------------------------------------|-------------|-------|-------------|-----|----------|
| 0.0 ft. Access Point Manhole<br>SSMH02690          |             |       |             |     |          |
| 0.0 ft. Miscellaneous Water Level                  |             |       |             | 5   |          |
| 5.1 ft. Tap Factory Activity                       |             | 2     | 4           |     |          |
| 8.4 ft. Tap Break-In Capped                        |             | 2     | 4           |     |          |
| 16.7 ft. Tap Factory Activity                      |             | 10    | 4           |     |          |
| 22.9 ft. Tap Factory Activity                      |             | 10    | 4           |     |          |
| 26.9 ft. Roots Medium Joint                        |             | 8 - 8 |             | 5   |          |
| 31.1 ft. Roots Fine Joint                          |             | 9 - 9 |             |     |          |
| 33.6 ft. Point Repair Liner<br>POINT REPAIR STARTS | Start S01   |       |             |     |          |
| 36.4 ft. Point Repair Liner<br>POINT REPAIR ENDS   |             |       |             |     |          |
| 46.0 ft. Point Repair Liner<br>POINT REPAIR BEGINS |             |       |             |     |          |
| 48.4 ft. Point Repair Liner<br>RPL ENDS            |             |       |             |     |          |
| 57.8 ft. Point Repair Liner<br>RPL BEGINS          |             |       |             |     |          |
| 60.2 ft. Point Repair Liner<br>RPL ENDS            |             |       |             |     |          |



## Defect Listing Plot Left

|                            |                           |                           |                        |                  |               |
|----------------------------|---------------------------|---------------------------|------------------------|------------------|---------------|
| Pipe Segment Refere...     | City                      | Street                    | Material               | Location C...    | Pipe Use      |
| SSP01090                   | SPRINGVILLE               | 323 E 600 S               | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH<br>SSMH02690   | Total Length              | Year Constructed          | Shape<br>Circular      | Location Details |               |
| Downstream MH<br>SSMH02038 | Length surveyed<br>299.6  | Year Renewed              | Height<br>8            | Width<br>8       | Pipe Joint... |
| SPR                        | MPR                       | PO Number                 |                        | Customer         |               |
| SPRI                       | MPRI                      | Work Order Number         |                        | Purpose          |               |
| QSR                        | QMR                       |                           |                        |                  |               |
| OPR                        | Surveyed By<br>Admin      | Direction<br>Downstream   | Date<br>20220928       | Media label      |               |
| OPRI                       | Certificate Number<br>123 | Pre-Cleaning<br>Not Known | Time<br>08:50          | Weather          |               |
| Date Cleaned               |                           |                           | End Time<br>09:12      | Additional Info  |               |

|             |           |                                              |         |       |   |    |  |
|-------------|-----------|----------------------------------------------|---------|-------|---|----|--|
| 1<br>3<br>3 | 70.1 ft.  | Point Repair Liner<br>RPL BEGINS             |         |       |   |    |  |
|             | 72.4 ft.  | Point Repair Liner<br>RPL ENDS               |         |       |   |    |  |
|             | 96.8 ft.  | Tap Factory Activity                         |         | 2     | 4 |    |  |
|             | 106.9 ft. | Roots Fine Joint                             |         | 3 - 6 |   |    |  |
|             | 115.3 ft. | Roots Medium Connection                      |         | 3 - 6 |   |    |  |
|             | 144.7 ft. | Tap Factory Activity                         |         | 3     | 4 |    |  |
|             | 146.9 ft. | Tap Factory Activity                         |         | 2     | 4 |    |  |
|             | 156.6 ft. | Tap Factory Activity                         |         | 10    | 4 |    |  |
|             | 216.5 ft. | Roots Medium Lateral<br>ROOTS IN THE LATERAL |         | 2 - 3 |   | 10 |  |
|             | 252.5 ft. | Tap Factory Activity                         |         | 10    | 4 |    |  |
|             | 299.5 ft. | Access Point Manhole<br>SSMH02690            |         |       |   |    |  |
|             | 299.6 ft. | Point Repair Liner<br>POINT REPAIR STARTS    | End F01 |       |   |    |  |



SSMH02038



## Defect Listing Plot Left

|                        |                    |                   |                        |                  |               |
|------------------------|--------------------|-------------------|------------------------|------------------|---------------|
| Pipe Segment Refere... | City               | Street            | Material               | Location C...    | Pipe Use      |
| SSP01102               | SPRINGVILLE        | 510 S GLENWOOD DR | Concrete Pipe (non-... |                  | Sanitary S... |
| Upstream MH            | Total Length       | Year Constructed  | Shape                  | Location Details |               |
| SSMH00466              |                    |                   | Circular               |                  |               |
| Downstream MH          | Length surveyed    | Year Renewed      | Height                 | Width            | Pipe Joint... |
| SSMH00467              | 208.3              |                   | 8                      | 8                |               |
| SPR                    | MPR                | PO Number         |                        | Customer         |               |
| SPRI                   | MPRI               | Work Order Number |                        | Purpose          |               |
| QSR                    | QMR                |                   |                        |                  |               |
| OPR                    | Surveyed By        | Direction         | Date                   | Media label      |               |
|                        | Admin              | Downstream        | 20220922               |                  |               |
| OPRI                   | Certificate Number | Pre-Cleaning      | Time                   | Weather          |               |
|                        | 123                | Not Known         | 08:52                  |                  |               |
| Date Cleaned           |                    |                   | End Time               | Additional Info  |               |
|                        |                    |                   | 09:07                  |                  |               |



SSMH00466

| Code:     | Continuous:                                                          | Pos:      | Val 1 / 2 : | % : | Gallons: |
|-----------|----------------------------------------------------------------------|-----------|-------------|-----|----------|
| 0.0 ft.   | Access Point Manhole                                                 |           |             |     |          |
|           | SSMH00466                                                            |           |             |     |          |
| 0.0 ft.   | Miscellaneous Water Level                                            |           |             | 5   |          |
| 117.2 ft. | Tap Factory Activity                                                 | 10        | 4           |     |          |
| 168.9 ft. | Broken Pipe                                                          | Start S01 | 12 - 12     | 4   |          |
|           | LARGE HOLE- NO VISABLE SOIL AND NOT CAUSING ANY ISUUES AT THE MOMENT |           |             |     |          |
| 208.3 ft. | Access Point Manhole                                                 |           |             |     |          |
|           | SSMH00466                                                            |           |             |     |          |
| 208.3 ft. | Broken Pipe                                                          | End F01   | 12 - 12     | 4   |          |
|           | LARGE HOLE- NO VISABLE SOIL AND NOT CAUSING ANY ISUUES AT THE MOMENT |           |             |     |          |

SSMH00467



## Defect Listing Plot Left

|                                |                                   |                                   |                                            |                                |                           |
|--------------------------------|-----------------------------------|-----------------------------------|--------------------------------------------|--------------------------------|---------------------------|
| Pipe ID<br><b>SSP01333</b>     | City<br><b>Springville</b>        | Street                            | Shape                                      | Map #1                         | Basin                     |
| US Manhole<br><b>SSMH02102</b> | Section Length<br><b>518.3004</b> | Year Laid                         | Material                                   | Section Type<br><b>Gravity</b> |                           |
| DS Manhole<br><b>SSMH02098</b> | Inspected Length<br><b>520.1</b>  | Year Renewed                      | Depth US                                   | Depth DS                       | Joint Leng...<br>Diameter |
| Cleaned<br><b>Yes</b>          | Situation                         |                                   | Reason<br><b>General Condition Control</b> |                                |                           |
| Date<br><b>20210202</b>        | Clean Date                        | Weather<br><b>Clear Dry</b>       |                                            | Remark                         |                           |
| Start Time<br><b>09:44</b>     |                                   |                                   |                                            |                                |                           |
| Operator<br><b>Admin</b>       | Customer                          | Truck<br><b>505</b>               | Inspection Dir.<br><b>Downstream</b>       | Info                           |                           |
| Operator Comment               | P.O. Number                       | Operator Name<br><b>Austin S.</b> | Flow Control                               | Camera                         |                           |



SSMH02102

|           | Code:                            | Continuous: | Pos:   | Val 1 / 2 : | % : | Gallons: |
|-----------|----------------------------------|-------------|--------|-------------|-----|----------|
| 7.0 ft.   | Inspection Begins at Upstream MH |             |        |             |     |          |
| 95.2 ft.  | Lateral Active                   |             | 9      |             |     |          |
| 111.6 ft. | Lateral Active                   |             | 2      |             |     |          |
| 211.4 ft. | Lateral Active                   |             | 10     |             |     |          |
| 220.1 ft. | Lateral Active                   |             | 9      |             |     |          |
| 230.9 ft. | Lateral Active                   |             | 3      |             |     |          |
| 258.8 ft. | Lateral Capped                   |             | 9      |             |     |          |
| 309.1 ft. | Crack Longitudinal               |             | 9 - 12 |             |     |          |
| 310.6 ft. | Lateral Active                   |             | 2      |             |     |          |
| 315.8 ft. | Lateral Active                   |             | 10     |             |     |          |
| 414.7 ft. | Lateral Capped                   |             | 10     |             |     |          |
| 416.1 ft. | Lateral Active                   |             | 10     |             |     |          |
| 417.6 ft. | Lateral Capped                   |             | 10     |             |     |          |
| 520.1 ft. | Inspection Ends at Downstream MH |             |        |             |     |          |



## Defect Listing Plot Left

|                                |                                   |              |          |          |                                |          |
|--------------------------------|-----------------------------------|--------------|----------|----------|--------------------------------|----------|
| Pipe ID<br><b>SSP01333</b>     | City<br><b>Springville</b>        | Street       | Shape    |          | Map #1                         | Basin    |
| US Manhole<br><b>SSMH02102</b> | Section Length<br><b>518.3004</b> | Year Laid    | Material |          | Section Type<br><b>Gravity</b> |          |
| DS Manhole<br><b>SSMH02098</b> | Inspected Length<br><b>520.1</b>  | Year Renewed | Depth US | Depth DS | Joint Leng...                  | Diameter |

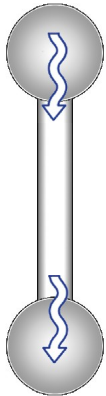


SSMH02098



## Defect Listing Plot Left

|                                |                                   |                                     |                                            |                          |                                |                      |
|--------------------------------|-----------------------------------|-------------------------------------|--------------------------------------------|--------------------------|--------------------------------|----------------------|
| Pipe ID<br><b>SSP01657</b>     | City<br><b>Springville</b>        | Street<br><b>900 East 200 North</b> | Shape                                      |                          | Map #1                         | Basin                |
| US Manhole<br><b>SSMH01212</b> | Section Length<br><b>29.20423</b> | Year Laid                           | Material<br><b>CONCRETE</b>                |                          | Section Type<br><b>Gravity</b> |                      |
| DS Manhole<br><b>SSMH01211</b> | Inspected Length<br><b>27.1</b>   | Year Renewed                        | Depth US<br><b>10.41</b>                   | Depth DS<br><b>11.58</b> | Joint Leng...<br><b>4</b>      | Diameter<br><b>8</b> |
| Cleaned<br><b>No</b>           | Situation                         |                                     | Reason<br><b>General Condition Control</b> |                          |                                |                      |
| Date<br><b>20130315</b>        | Clean Date                        | Weather<br><b>Clear Dry</b>         |                                            | Remark                   |                                |                      |
| Start Time<br><b>13:31</b>     |                                   |                                     |                                            |                          |                                |                      |
| Operator<br><b>Todd_W</b>      | Customer                          | Truck<br><b>505</b>                 | Inspection Dir.<br><b>Downstream</b>       |                          | Info                           |                      |
| Operator Comment               | P.O. Number                       | Present                             | Flow Control                               |                          | Camera<br><b>2</b>             |                      |



SSMH01212

|                                           |             |       |             |     |          |
|-------------------------------------------|-------------|-------|-------------|-----|----------|
| Code:                                     | Continuous: | Pos:  | Val 1 / 2 : | % : | Gallons: |
| 0.0 ft. Inspection Begins at Upstream MH  |             | 0 - 0 |             |     |          |
| 27.1 ft. Inspection Ends at Downstream MH |             | 0 - 0 |             |     |          |

SSMH01211



## Defect Listing Plot Left

|                                |                                   |                                   |                                      |                                |                           |
|--------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|--------------------------------|---------------------------|
| Pipe ID<br><b>SSP01774</b>     | City<br><b>Springville</b>        | Street                            | Shape                                | Map #1                         | Basin                     |
| US Manhole<br><b>SSMH02098</b> | Section Length<br><b>477.4047</b> | Year Laid                         | Material                             | Section Type<br><b>Gravity</b> |                           |
| DS Manhole<br><b>SSMH01454</b> | Inspected Length<br><b>385.1</b>  | Year Renewed                      | Depth US                             | Depth DS                       | Joint Leng...<br>Diameter |
| Cleaned                        |                                   | Situation                         |                                      | Reason                         |                           |
| Date<br><b>20210622</b>        | Clean Date                        | Weather<br><b>Clear Dry</b>       |                                      | General Condition Control      |                           |
| Start Time<br><b>07:51</b>     |                                   |                                   |                                      | Remark                         |                           |
| Operator<br><b>Admin</b>       | Customer                          | Truck<br><b>505</b>               | Inspection Dir.<br><b>Downstream</b> | Info                           |                           |
| Operator Comment               | P.O. Number                       | Operator Name<br><b>Austin S.</b> | Flow Control                         | Camera                         |                           |



SSMH02098

|           | Code:                            | Continuous: | Pos: | Val 1 / 2 : | % : | Gallons: |
|-----------|----------------------------------|-------------|------|-------------|-----|----------|
| 7.0 ft.   | Inspection Begins at Upstream MH |             |      |             |     |          |
| 61.9 ft.  | Lateral Active                   |             | 10   |             |     |          |
| 94.7 ft.  | Lateral Active                   |             | 2    |             |     |          |
| 184.5 ft. | Broken Broken Pipe               |             | 12   |             |     |          |
| 185.3 ft. | Lateral Active                   |             | 9    |             |     |          |
| 200.9 ft. | Lateral Active                   |             | 2    |             |     |          |
| 202.7 ft. | Lateral Active                   |             | 2    |             |     |          |
| 232.7 ft. | Broken Broken Pipe               |             | 12   |             |     |          |
| 234.8 ft. | Lateral Active                   |             | 10   |             |     |          |
| 287.8 ft. | Lateral Active                   |             | 1    |             |     |          |
| 289.1 ft. | Lateral Active                   |             | 2    |             |     |          |
| 341.4 ft. | Lateral Active                   |             | 10   |             |     |          |
| 373.1 ft. | Lateral Active                   |             | 9    |             |     |          |
| 375.0 ft. | Lateral Active                   |             | 11   |             |     |          |



## Defect Listing Plot Left

|                                |                                   |              |          |                                |                           |
|--------------------------------|-----------------------------------|--------------|----------|--------------------------------|---------------------------|
| Pipe ID<br><b>SSP01774</b>     | City<br><b>Springville</b>        | Street       | Shape    | Map #1                         | Basin                     |
| US Manhole<br><b>SSMH02098</b> | Section Length<br><b>477.4047</b> | Year Laid    | Material | Section Type<br><b>Gravity</b> |                           |
| DS Manhole<br><b>SSMH01454</b> | Inspected Length<br><b>385.1</b>  | Year Renewed | Depth US | Depth DS                       | Joint Leng...<br>Diameter |

|           |                                            |  |   |  |  |  |
|-----------|--------------------------------------------|--|---|--|--|--|
| 377.3 ft. | Lateral Capped                             |  | 2 |  |  |  |
| 385.1 ft. | Lateral Active                             |  | 3 |  |  |  |
| 385.1 ft. | Inspection Abandoned<br>cant get by ladder |  |   |  |  |  |



## Defect Listing Plot

|                                |                                   |                                     |                        |                                |                                       |
|--------------------------------|-----------------------------------|-------------------------------------|------------------------|--------------------------------|---------------------------------------|
| Pipe ID<br><b>SSP02789</b>     | City<br><b>Springville</b>        | Street<br><b>474 North 800 East</b> | Shape                  | Map #1                         | Basin                                 |
| US Manhole<br><b>SSMH01166</b> | Section Length<br><b>103.5062</b> | Year Laid                           | Material<br><b>PVC</b> | Section Type<br><b>Gravity</b> |                                       |
| DS Manhole<br><b>SSMH01167</b> | Inspected Length<br><b>103.6</b>  | Year Renewed                        | Depth US               | Depth DS                       | Joint Leng...<br>Diameter<br><b>8</b> |

|                             |             |                                      |                                            |                    |
|-----------------------------|-------------|--------------------------------------|--------------------------------------------|--------------------|
| Cleaned<br><b>Not Known</b> | Situation   |                                      | Reason<br><b>General Condition Control</b> |                    |
| Date<br><b>20160208</b>     | Clean Date  | Weather<br><b>Clear Dry</b>          |                                            | Remark             |
| Start Time<br><b>08:14</b>  |             | Truck<br><b>505</b>                  |                                            | Info               |
| Operator<br><b>Todd_W</b>   | Customer    | Inspection Dir.<br><b>Downstream</b> |                                            | Camera<br><b>2</b> |
| Operator Comment            | P.O. Number | Present                              |                                            | Flow Control       |

