

## WATER MAIN BREAK/ JOINT LEAK REPORT - AUGUST 2021

### YEARLY WATER MAIN BREAK COMPARISON

| <u>AUG 20</u> | <u>AUG 21</u> | <u>YTD 20</u> | <u>YTD 21</u> |
|---------------|---------------|---------------|---------------|
| 8             | 7             | 58            | 83            |

| LOCATION   | BREAK DATE | WORK ORDER | TYPE OF PIPE | SIZE | YEAR | BREAK            | ESTIMATED DURATION | ESTIMATED WATER LOSS IN GALLONS | DOLLAR VALUE OF WATER REVENUE LOSS** |
|--|------------|------------|--------------|------|------|------------------|--------------------|---------------------------------|--------------------------------------|
| 1420 N. Rankin St.   | 8/5/2021   | 289206     | CIP          | 6"   | 1949 | 13" X 2.5" Split | 6 Hours            | 1,532,000                       | \$9,314.56                           |
| NOTES: Witness saw water surfacing on the road and called it in. Duration is based on time of call until fixed.              |            |            |              |      |      |                  |                    |                                 |                                      |
| 1017 E. Capitol Dr.  | 8/15/2021  | 289499     | DIP          | 12"  | 1977 | 6" Hole          | 4 Hours            | 1,458,687                       | \$8,868.82                           |
| NOTES: Break was called in by APD. Duration is based on the time of call and the amount of water.                            |            |            |              |      |      |                  |                    |                                 |                                      |
| 1713 S. Schaefer Cir.  | 8/20/2021  | 289805     | DIP          | 8"   | 1980 | 3" Hole          | 4 Hours            | 394,672                         | \$2,399.61                           |
| NOTES: Break was found as water was bubbling out of the road. Duration is based on soil saturation and when break was found. |            |            |              |      |      |                  |                    |                                 |                                      |
| 1203 Montclair Ct.   | 8/24/2021  | 289957     | CIP          | 8"   | 1964 | 1/32" Hole       | 216 Days           | 51,282                          | \$311.79                             |
| NOTES: Break was found as noise could be heard on the hydrant. Duration went back to the previous repair.                    |            |            |              |      |      |                  |                    |                                 |                                      |
| 1624 E. Moon Beam Tr.  | 8/24/2021  | 289973     | DIP          | 8"   | 1984 | 4" Hole          | 5 Hours            | 810,382                         | \$4,927.12                           |
| NOTES: Called in by APD. Duration is based on the amount of water, the soil saturation, and the hole size.                   |            |            |              |      |      |                  |                    |                                 |                                      |

\*\*Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

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|---|------------|------------|--------------|------|------|---------|--------------------|---------------------------------|--------------------------------------|
| 1617 S. Irma St.  | 8/27/2021  | 292788     | DIP          | 8"   | 1977 | 3" Hole | 3 Hours            | 272,336                         | \$1,655.80                           |
| NOTES: A resident called in the break. Duration is based on the time of call and soil saturation. |            |            |              |      |      |         |                    |                                 |                                      |
| 100 W. Lawrence St.   | 8/27/2021  | 292787     | CIP          | 6"   | 1930 | 4"      | 4 Hours            | 410,024                         | \$2,492.95                           |
| NOTES: This break was called in. Duration is based on soil saturation and time of call.           |            |            |              |      |      |         |                    |                                 |                                      |

In addition to the dollar value of water revenue lost, there is an average cost of \$9,000 to repair each water main break (including final restoration) and an average cost of \$630 to produce the lost water for each main break.

\*\*Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.