

## Multi-Family Housing Case Study: Underground Leak Detection Fall 2022

Garden-style Apartment Complex Germantown, MD



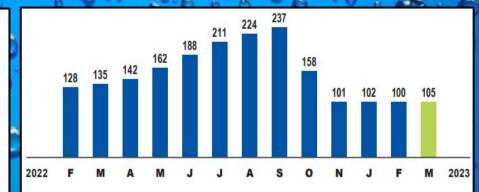
## **Project by the Numbers**

|   | Project Cost             | \$4,400              |
|---|--------------------------|----------------------|
|   | <b>Project Duration</b>  | 11 Days              |
|   | Payback Period           | Less than 1 Month    |
| 0 | Annual Savings (\$)      | \$353,179.32         |
|   | Annual Savings (gallons) | 18,000,000           |
| 9 | Sewer Credit Received    | <b>Over \$70,000</b> |

The Problem:
High usage due to a
suspected underground
leak. The location of the leak
was unknown.

## **The Solution:**

Using state-of-the-art leak detection equipment, Water Management pinpointed the leak and obtained a sewer credit for the water that was absorbed by the ground.



1,240,000

Total gallons used this period 105

Average gallons used per day this period per unit 55

Average gallons used per day by a typical person

1,240,000 Gallons ÷ 31 Days ÷ 380 Units = 105 Average Daily Gallons