



## Breakthrough in electronic miniaturization



Inside a very ordinary looking case that nobody would think to steal, over 500 miniaturized electronic components work together to replace all the instruments seen left. This portable instrument is the best tool maintenance crews could carry around. It can be mounted permanently. Which one is the easiest to maintain?

**OR**

The choice is yours



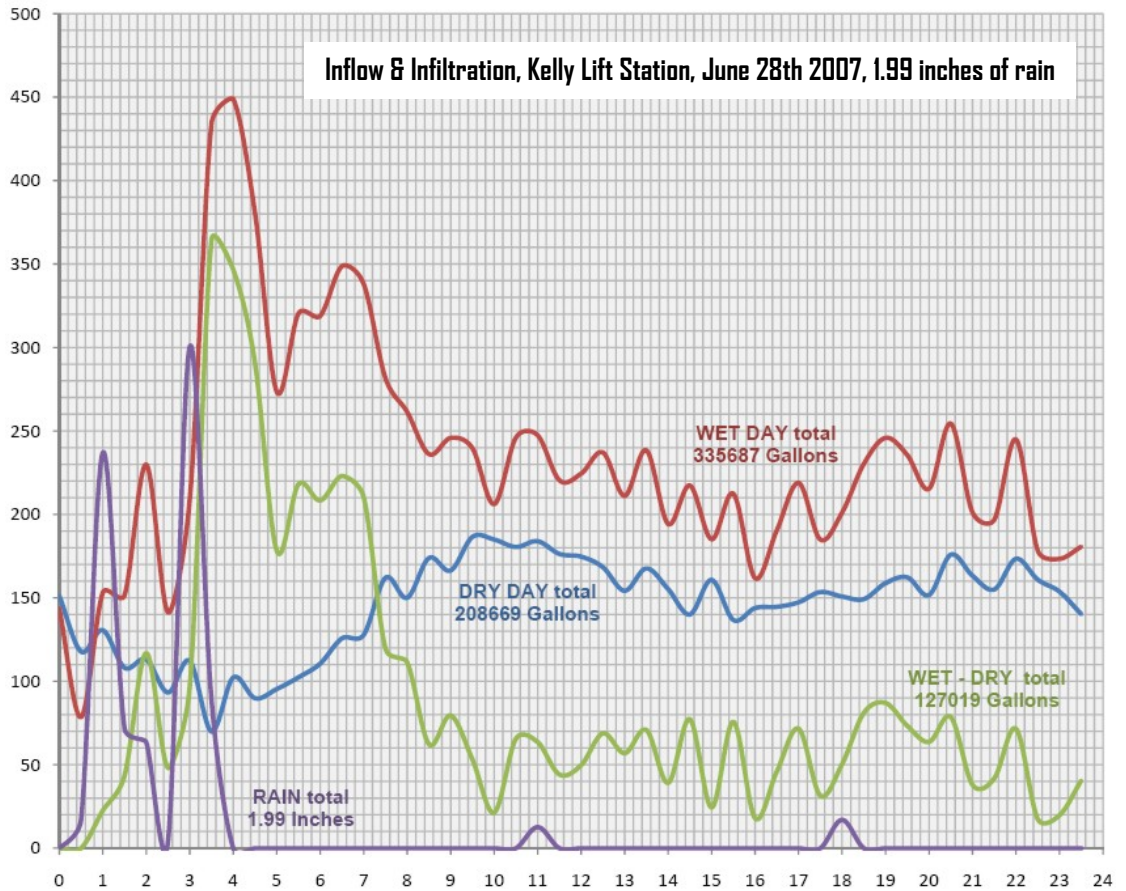
With MAID Labs' Downloader, users can view in real time what is going on, download data, setup the instrument and send compressed files to MAID Labs for analysis by electric and hydraulic experts.

## Inflow & Infiltration

Infiltration is a parasite that robs the collection system of its wastewater capacity. It is also an indicator of the state of the sewerage network. High infiltration is associated with the deterioration of the system.

By using infiltration as an indicator, the staff of Public Works staff can amend its maintenance program. It is significantly less expensive to rehabilitate a sewer system than to replace it. Where to start? The expensive camera verification should be done where it is required the most, but where is it?

When a rain gauge is installed at the same time as the Mer-Maid data logger for a period including multiple dry days and at least one wet day, the following report can be generated.



It shows, over a 24 hour period, the average flow of all the dry days (blue), the flow of a wet day (red), the added flow generated by the rain (green = red minus blue) and the rain events (purple).