

WaterCompass®

WATER USE MYSTERY SOLVED AT LAPD CAR WASH

The Los Angeles Police Department (LAPD) has police stations located throughout the region, and many include car washes. The city had suspected there were water leaks at some of the sites but had no way to prove it.

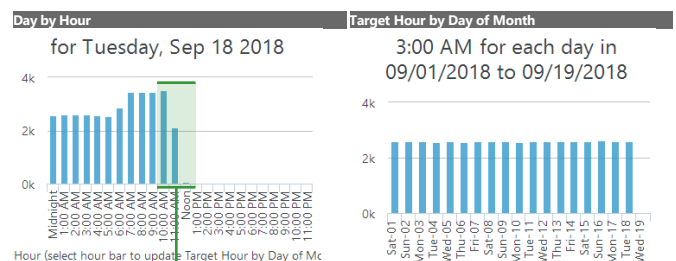
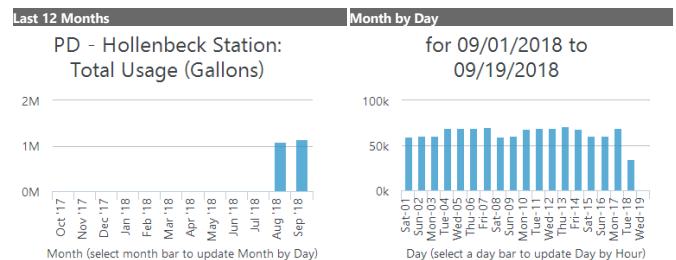
With recommendation by local energy and water consultant, Maureen Erbezniak, the LAPD decided on WaterCompass to monitor water use across some of their locations. The city installed WaterCompass devices on 14 different locations, and immediately detected several water leaks at a handful of sites.

"WaterCompass is one of the most effective water conservation programs"

- Maureen Erbezniak, consultant to LAPD

One particular site, Hollenbeck Police Station, showed major water use anomalies with WaterCompass. The team investigated on-site and discovered a 2-inch manual bypass valve that was incorrectly locked in the "on" position, which was sending over 600 gallons per hour down the drain. With this bypass open, water was running continuously to the drain regardless if it was washing a care or sitting idle.

The city estimates that over \$100,000 could have been saved annually if leaks were being actively monitored, which they now are. For the LAPD, the WaterCompass service returned its investment in a matter of months.



Leak detected and fixed

RESULTS

- Project ROI in less than 6 months
- 600 gallons of water per hour being lost

Water savings, \$100,000 annually