

Recovery Analysis September 01,2023

This is our second effort to ascertain how much water BLCSD is pumping vs how much is being billed to customer accounts.

Master Well July 01 - 7,559,000 gallons
September 1 Master- 7,871,800 gallons
Usage- 312,800 gallons
Billed usage (July 01-Sept 01) – 299,694 gallons
Variance- 13,106 gallons
Variance %- 4.19 %
62 day billing cycle

Loss per day: 211 gallons per day

Well site usage has been determined to be about 90 gallons per week: $90 \times (62 \text{ days} \div 7 \text{ weeks}) = 797$ gallons.

Value of water loss (current rates)- $211 \times (.004799) = \$1.01$ cents per day.

Lost Water per day on July 01 Evaluation: 177 gallons

Lost Water per day on September 01 Evaluation: 211 gallons

Variance: 44 gallons

Some factors that influence “lost water/not billed”- usage at the well site, if a fire hydrant is used/tested, leaks in service pipes past the well meter but before customer meters.

The master meter was read at the end of reading all of the customer meters. This was approximately 1 hour and 15 minutes later. During the time of reading at least 2 homes were using sprinklers to water gardens. Other meters were spinning, so usage was going on. I will continue to monitor the recovery percentage to identify trends.

Greg