

ORIGINAL



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DS WATER COMPANY
Docket # W-04049A-08-0339

December 24, 2009

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D S Water Company
P O Box 876
Desert Springs AZ 86432

Water Loss Explanation and Solutions

We had 2 problems creating the appearance of water loss.

1. We had a bad check valve that would stick open some of the time, so when water would pump up to the elevated tank to fill it, the meter would count the water as pumped then it would flow back into the well once the pump stopped, this created the appearance of water loss.
2. When we read the monthly meters we would make the rounds reading the meters sometimes starting at night and finishing the next morning, then we would read the well meter then count our usage verses loss, with this system if the well turned on during meter readings the gallons pumped would be miscalculated as water loss.

We have since fixed the check valve and we now read the well meter first then read the residence / or the connections meters, then we read the well meter again, this gives us the accurate gallons pumped verses gallons sold. Since these changes we have not had water loss.

Sincerely: *Rick Helm*

Arizona Corporation Commission

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