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UTILITY: Appaloosa Water Company

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DOCKET: W-03443A-08-0177
W-03443A-08-0313

2011 SEP 30 P 4: 00

DECISION NO: 71236

AZ CORP COMMISSION
DOCKET CONTROL

WATER LOSS PREVENTION PLAN

To obtain an up to date water company software so that an accurate record that will track the water loss on an ongoing basis.

1.To read the master meters daily and at the same time each day. This will minimize water loss due to a large leak that can go undetected for a week or month.

2.Read all meters within a 1-2 day period. Although the numbers would average out over a year's period of time if the meters were read in a time span more than the 1-2 day period it could cause fluctuations of monthly water loss numbers.

3.Divide the water system into routes if possible and calculate water loss for each route. This will allow for the prioritizing of work based upon the severity of the problem in a particular route.

4.Utilize the computer billing software to generate water loss reports for each route as well as an overall water loss report.

5.Install bypass monitor meters as needed to isolate lines with potential leaks. A 5/8 x 3/4 inch meter will suffice for each 100-customer section of line.

6.Install a 2-inch bypass monitor meter if needed at the water storage tanks to isolate sections of the line with potential leaks during the night.

7.Test and change-out all meters that are not working properly.

8.Have the operator utilize leak detection equipment to search for leaks each month.

9.Identify sections of pipe in the distribution system with the most frequent line breaks. Budget for infrastructure replacement.

10.Have additional storage tank and water lines that will be used if any major leak is apparent to minimize water loss.

11.To update electrical systems to insure the equipment is working properly.

Arizona Corporation Commission

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