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UTILITY: APPALOOSA WATER COMPANY
DOCKET: W-03443A-13-0379
DECISION NO: 74787

ORIGINAL

OCTOBER 2014 NOVEMBER 2014 DECEMBER 2014
WATER LOSS PREVENTION PLAN REPORT

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Arizona Corporation Commission

DOCKETED

JAN 29 2015

DOCKETED BY	
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Attachments:

- A. Water system usage and loss reports October 2014, November 2014, and December 2014.

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Page 1. Company's Software.

The company has purchased the RVS Utility Billing Systems that collects and produces system total reports that is utilized in the company's dedication to preventing water loss. In this report a detailed analysis is presented to understand the processes of the company's endeavor to prevent water loss.

There were 10 accounts on the RVS System that had become corrupt and would give incorrect charges for the water usage. These accounts were creating a significant water loss in the system.

The operation manager called to our attention that the system was not calculating our actual loss correctly.

RVS Systems were unable to correct those accounts for accurate readings. The 10 corrupt accounts were moved and restarted and are monitored for accuracy.

The 10 accounts on the RVS System has been monitored for July, August, and September of 2014. The accounts that were effecting the water loss are now consistent with the actual water usage.

Page 2. Meter Reading

Consistent with the water loss prevention plan all meter readings are completed within one day so there is no fluctuations of monthly water loss numbers.

The meter readings number of days from month to month are consistent so to prevent unusual fluctuations of usage under normal water usage within the same month.

Page 3. System Adjustment

Dividing the water system into routes for prioritizing of work for a problem is not applicable at this time.

Page 4. Software Water Loss Reports

Company has not made any adjustments to the water loss reports that includes the flushing of lines for arsenic filter media installation, or any testing done by the fire department (flushing).

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Page 5. Bypass Monitor Meters.

Company does not need to isolate lines at this time.

Page 6. Bypass Monitor Meter at the Water Storage Tanks

This is not needed at this time.

Page 7. Meter Change-out

Meters are periodically tested and if needed are changed-out. No meter has been found to be of need to be changed.

Page 8. Leak Detection Equipment

At this time it is not necessary to purchase leak detection equipment until the suspected cause of water loss is completed and all other methods of water leakage discovery are utilized.

Page 9. Line Breaks

Operation Contractor inspects distribution system on an ongoing basis and completes any minor replacement or repairs needed. Any other issues are reported to the company for budgeting for any major repairs. No issues have been discovered in this reporting period.

Page 10. Additional Water Storage Tank and Water Lines.

Company has a storage tank and lines for any major leak. It will be determined at a later date as to the feasibility for an additional storage tank.

Page 11. Electrical Systems

The company has requested for permission for an up to date electrical system to be installed and is waiting for loan approval. The approval for a generator has been approved and the company is waiting for the loan to be approved for installation.

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CONCLUSION:

The usage water loss readings report for the OCTOBER 2014 NOVEMBER 2014 DECEMBER 2014 readings for water loss prevention reflect the earlier corrections that were implemented by the company and is continuing to have the water loss below the required 10%

Submitted by:
Joseph Cordovana, President

USAGE AND LOSS REPORT

Appaloosa Water Company

Month	5/8 Pumped	5/8 Sold	5/8 Loss Prct	Average Use	Active Meters	Zero Use Meters	Over 50000	40001-50000	30001-40000	20001-30000	10001-20000	8001-10000	6001-8000	4001-6000	2001-4000	1-2000
10-14	1,619,100	1,602,530	1.02	6,968	230	25	0	0	2	7	40	23	40	34	52	24
11-14	1,027,300	1,008,690	1.81	4,386	230	24	0	0	0	0	10	14	41	43	74	41
12-14	871,800	853,330	2.12	3,743	228	33	0	0	0	0	9	15	13	49	86	42

3 Month Totals

Total 5/8 Pumped 3,518,200
 Total 5/8 Sold 3,464,550
 Total Used for Fire/Flush 0
 Total 5/8 Loss 53,650
 Total 5/8 Loss Percent 1.52 %

Monthly Averages

Average 5/8 Pumped 1,172,733
 Average 5/8 Sold 1,154,850
 Average Used for Fire/Flush 0
 Average 5/8 Loss 17,883
 Average 5/8 Loss Percent 1.52 %
 Average Customer Use 5,032

Qualified By: System Totals 10-14 to 12-14

Appaloosa Water

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