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

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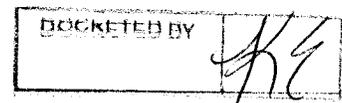
JULY 2015 AUGUST 2015 SEPTEMBER 2015
WATER LOSS PREVENTION PLAN REPORT

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Arizona Corporation Commission

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OCT 21 2015



Attachments:

- A. Water system usage and loss reports JULY 2015, AUGUST 2015, and SEPTEMBER 2015.

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 2015, August 2015 and September 2015. The accounts that were effecting the water loss are now consistent with the actual water usage.

The usage and loss figures from the system report is being corrected and the accurately reporting of the loss has been consistent for the last 3 months.

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 made 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). The Water Production Operator has worked with both the well 1 meter sticking and the usage and loss reports within the computer system to correct and have more accurate readings.

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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. Contractor recommends the replacement of parts for well 1 meter sticking. This is considered a major repairs and is waiting for documentation for costs so that it can be budgeted for.

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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 July, August, September 2015 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%. Attached is the usage and loss report with water production operator's notes.

Submitted by:
Joseph Cordovana, President

USAGE AND LOSS REPORT

Appaloosa Water Company

Month	5/8 Pumped	5/8 Sold	5/8 Loss Pct	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
07-15	2,355,700	2,296,620	2.51	10,029	229	24	2	2	6	16	58	31	24	28	38	17
08-15	2,066,600	2,018,010	2.35	8,812	229	25	1	3	5	8	49	34	34	26	44	17
09-15	1,776,700	1,788,800	-0.68	7,811	229	23	0	3	3	9	34	35	33	38	41	27

3 Month Totals

Monthly Averages

Total 5/8 Pumped	6,199,000	Average 5/8 Pumped	2,066,333
Total 5/8 Sold	6,103,430	Average 5/8 Sold	2,034,477
Total Used for Fire/Flush	0	Average Used for Fire/Flush	0
Total 5/8 Loss	95,570	Average 5/8 Loss	31,857
Total 5/8 Loss Percent	1.54 %	Average 5/8 Loss Percent	1.54 %
		Average Customer Use	8,884

Qualified By: System Totals 07-15 to 09-15

Appaloosa Water