

ORIGINAL



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UTILITY: APPALOOSA WATER COMPANY

DOCKET: W-03443A-13-0379

DECISION NO: 74787

RECEIVED  
AZ CORP COMMISSION  
DOCKET CONTROL

2015 OCT 21 AM 10 07

Arizona Corporation Commission

DOCKETED

OCT 21 2015

APRIL 2015 MAY 2015 JUNE 2015  
WATER LOSS PREVENTION PLAN REPORT

DOCKETED BY 

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Attachments:

- A. Water system usage and loss reports APRIL 2015, MAY 2015, and JUNE 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 April 2015, May 2015 and June 2015. 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 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 accounted for the loss of water due to well 1 meter sticking and recalculated the loss for April as .3% and June as .4% as recorded on the usage and loss report.

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Page 5. Bypass Monitor Meters.

Company does not need to isolate lines at this time.

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Page 6. Bypass Monitor Meter at the Water Storage Tanks

This is not needed at this time.

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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.

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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.

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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 April, May, June 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

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
04-15	444,700	1,670,040	-275.54	7,325	228	26	1	0	0	10	36	32	37	42	41	22
05-15	1,969,790	1,969,790	0.00	8,639	228	25	2	1	2	14	39	19	36	39	49	21
06-15	1,831,500	2,442,710	-33.37	10,620	230	24	2	2	9	14	61	29	28	31	30	17

### 3 Month Totals

### Monthly Averages

Total 5/8 Pumped 4,245,990  
 Total 5/8 Sold 6,082,540  
 Total Used for Fire/Flush 0  
 Total 5/8 Loss -1,836,550  
 Total 5/8 Loss Percent -43.25%

Average 5/8 Pumped 1,415,330  
 Average 5/8 Sold 2,027,513  
 Average Used for Fire/Flush 0  
 Average 5/8 Loss -612,183  
 Average 5/8 Loss Percent -43.25 %  
 Average Customer Use 8,862

Qualified By: System Totals 04-15 to 06-15  
 Appaloosa Water

4/15 1,230,340 Acc.

444,700

1,675,040 Total pumped Acc

1,670,040 Sold

Loss .3

6/15 621,210 Account

1,831,500 Pumped

2,442,710

2,442,710 Sold

Loss .4