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UTILITY: APPALOOSA WATER COMPANY
DOCKET: W-03443A-10-0143 W-03443-A-11-0040
DECISION NO: 73270

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2015 SEP 10 A 11:51

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JANUARY 2015 THROUGH JUNE 2015
6 MONTH REPORT
WATER LOSS PREVENTION PLAN REPORT

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- A. Water system usage and loss reports January 2015 through June 2015.

Arizona Corporation Commission

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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 January 2015 through June 2015. The accounts that were effecting the water loss are now consistent with the actual water usage.

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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.

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Page 3. System Adjustment

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

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Page 4. Software Water Loss Reports

Company has made adjustments to the water loss reports that includes the high level probe in tank that fell off causing tank to overflow, flushing of lines for arsenic filter loss due to back wash and Well 1 meter sticking (mechanical).

Monitored accounts (10) for accuracy of calculations errors that had been identified have been correctly calculating for actual water usage.

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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.

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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 concerning line breaks have been discovered in this reporting period.

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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 6 month report including January through 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%. Company is working with our operation operator on solutions to the meter on well 1 as it continues to stick. The accounted for losses of water include the losses from overflow created by the meter sticking and backwash. The replacement of the well 1 meter is recognized and company is working on finding a replacement and the funds to pay for it.

Submitted by:
Joseph Cordovana, President

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 W-03443A-011-0040

Attachment A

Tuesday, September 8, 2015

Reprinted For: 9/4/2015

Appaloosa Water Company

USAGE AND LOSS REPORT

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Month	5/8 Pumped	5/8 Sold	5/8 Loss Prcnt	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
01-15	862,100	854,100	0.93	3,746	228	30	0	0	0	0	7	11	18	52	79	50
02-15	843,500	842,860	0.08	3,697	228	34	0	0	0	0	8	12	19	44	73	57
03-15	592,400	970,060	-63.75	4,255	228	30	1	0	0	1	9	10	29	43	71	53
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

6 Month Totals

Total 5/8 Pumped	6,543,990
Total 5/8 Sold	8,749,560
Total Used for Fire/Flush	0
Total 5/8 Loss	-2,205,570
Total 5/8 Loss Percent	-33.70 %

Monthly Averages

Average 5/8 Pumped	1,090,665
Average 5/8 Sold	1,458,260
Average Used for Fire/Flush	0
Average 5/8 Loss	-367,595
Average 5/8 Loss Percent	-33.70 %
Average Customer Use	6,380

Qualified By: System Totals 01-15 to 06-15

Appaloosa Water

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Attachment A

	Sold	Well 1	Well 2	Filter A	Filter B	Total	Accounted	Accounted Notes
Prior	871,800	44835000	49199000	81313230	52817441			
Jan.	854,100	45697100	49199000	81695617	53235000	382,387	5917	As backwash
Feb.	842,860	46538600	49201000	82101326	53647525	405,709	-400000	well2 overflow well 1 sticking
March	970,060	47070000	49262000	82601802	54095695	500,476	1205937	well 1 stick
April	1,670,040	47505700	49270000	83469316	54877818	867,514	1496818	well 1 stick
May	1,969,790	47738200	49300000	84272119	55834333	802,803	752273	well1 stick
June	2,442,710	49208400	49660000	85521453	57167472	1,249,334		filterA stick
July	2,296,620	51203100	50021000	85609534	58400687	38,081	3500	fire
Aug.	2,018,010	52978700	50312000	86566171	59359138	956,637		
Sept.			-52,978,700			-86,566,171		
Oct			0			0		
Nov			0			0		
Dec.			0			0		5% under on filter
	13,064,190	Total	8,143,700	Annual Well 2	Annual Filter A	Annual Filter B	Annual Filter B	Total
	13,064,190		1,113,000	5,252,941	5,252,941	6,541,697	3,064,445	1184551

Annual Sold	Annual Well 1	Annual Well 2	Annual Filter A	Annual Filter B	Annual Mech	Annual Digital
13,064,190	8,143,700	1,113,000.00	5,252,941	6,541,697	-103,290,700	#####

Loss by Mechanical Meters

(0.7424)

-74.24%

Loss by Digital Meters

(0.2081)

-20.81%

Monthly Pumpage

Month	Jan.	Feb.	March	April	May	June	July	Aug.
862,100	799,946	818,234	948,646	1,649,637	1,759,318	2,582,473	1,321,296	1,915,088

April 1,230,340 Accounted For
 444,700 Meter Stick
 1,675,040 Total Acct. For
 1,670,040 Sold
 Loss .39%

March - 370,000 Loss from Over flow - struck Meter

970,060 Sold
 592,400 Pumped
 380,000 Accounted For (Covered loss)
 972,400 Pumped & Accounted For
 Loss .27%

June 621,210 Accounted For
 1,831,500 Pumped
 2,452,710 Pumped & Accounted For
 2,442,710 Sold
 Loss .49%