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UTILITY: APPALOOSA WATER COMPANY
DOCKET: W-03443A-08-0177
W-03443A-08-0313
DECISION NO: 71236

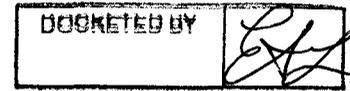
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Arizona Corporation Commission
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AUG 04 2014



JANUARY 2013 THROUGH JUNE 2014
WATER LOSS PREVENTION PLAN REPORT

ORIGINAL

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- Page 11. Electrical Systems

Attachments:

- A. Water system usage and loss reports January 2013 Through June 2014.
- B. Letter from Yavapai Water Production concerning water loss and prevention.
- C. Letter to the 10 accounts effected by the inaccurate calculations.
- D. Informational flyers for detecting leaks and tips on water loss prevention.

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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.

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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.

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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.

Page 4. Software Water Loss Reports

Computer generated loss reports are dependent upon meter readings for each month. The company has been working with RVS representatives to correct the calculations on 10 accounts that have not calculated correctly. A 50,000 gallon usage would record as 5,000 gallons. RVS has been unable to correct this error. The company has removed the corrupted accounts and replaced them. Those accounts are monitored for accuracy of calculations as are all other accounts. The underestimated accounts have been long term and would be contributable to a large percent of water loss on the 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).

Two distribution leaks were discovered.

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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.

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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.

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Page 10. Additional Water Storage Tank and Water Lines.

Company has a storage tank and lines for any major leak.

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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.

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CONCLUSION:

The water loss readings for the January 2013 through June 2014 readings are inaccurate and in order to get a true reading the company has instituted the following corrections:

1. Identified the corrupt accounts and are monitoring the new accounts for accuracy to insure a correct water loss report.
2. Has implemented a policy for the office to receive a report from the water operation contractor of how much water was used in the media installation and if any fire department testing of system was done.
3. Apply all past water usage not recorded to current water loss reports.
4. Distribution leaks repaired.
5. Well meters monitored for accuracy.

Submitted by: Joseph Cordovana, President

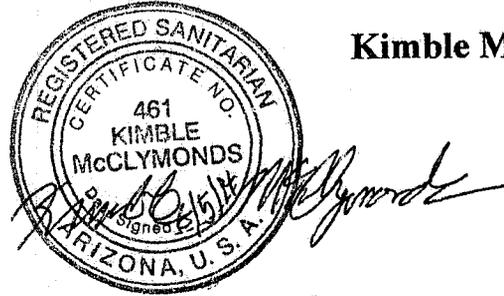
Yavapai Water Production

2132 Stringfield Dr
Prescott AZ 86305

Cell: 928-899-3794
Home: 928-771-9461
Email: ywp@cableone.net

Kimble McClymonds R.S.

To: Appaloosa Water Company
Fm: Kimble McClymonds



Re: Appaloosa Water Audit

Summary

Unaccounted water loss is estimated to be in the 5 to 10 percent range. This would be acceptable for this water system.

Appaloosa Water contracts with myself as a remote water operator with duties limited to ADEQ requirements. Front office duties, computer systems and reporting to other regulatory agencies are conducted by a local general accounting firm.

State regulatory agencies were given raw computer data. Data was not analyzed by water operation personnel.

Fifty percent of water loss can be accounted to RVS Software from Texas and Microsoft. On 10 customer accounts, the software would divide the meter reading by 10. For example it would say a customer used 5,000 gallons when they really used 50,000 gallons. RVS has been unable to correct this problem. And the effects had been under estimated for an extended time. This corruption of code seems limited to just 10 accounts.

The Arsenic filter, supplied by Adedge and approved by the State has a poorly designed backwash reclamation system. For operations, cost, and public health reasons this backwash water has been turned to waste. Installation of new media requires hard backwash directly out the manhole. The E 33 media from Germany has a lot of fines "dirty"

Corrections

Two minor distribution leaks were repaired by the owner.

The 10 customer accounts were "turned off" and started as new accounts. This will need to be monitored over time. Stability of software needs to watched.

Operation contractor and Front Office contractor need a system to record and communicate accounted for water loss.

Arsenic filter will continue to be a source of accounted for water loss



Yavapai Water Production

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Kimble McClymonds R.S.

To: Appaloosa Customer
Fm: Kimble McClymonds

Re: Billing Problem

We were recently contacted by the state of Arizona regarding water loss. This is the amount of water we pump minus what water we sell. We discovered that the computer software we use was incorrectly calculating meter reads on 10 accounts. This glitch divided the readings by 10. This caused an under charge on your account for an extended period of time.

We have restarted your account, and will monitor the results. If you are a high volume user you may see a large increase due to the tier rate structure.

To read your meter

X X X X . X X O

----- White dial with Black Numbers Thousandth
---- Black dial with white numbers Hundred, tenths
-- O is painted on face (0-10) (big red watch hand)

Most bills and readings omit the painted 0
You may look at your water meter at any time

For 5/8 - 3/4 meters	
Monthly (first 1 gal)	25.00
1 to 3,000 gal	1.95 per 1,000
3001 to 7,000	3.25 per 1,000
over 7,000	4.45 per 1,000

So for 11,490 gallons
 25.00
 5.85 (3 x 1.95)
 13.00 (4 x 3.25).
 19.98 (11,490 - 7000 = 4,490) 4.49 x 4.45 = 19.98

63.83 Plus sales tax

I apologize for this error. I have included a copy of your account, and the rate tariffs. If you have any questions, please give me a call.

How To Read Your Meter

Where To Look On The Meter

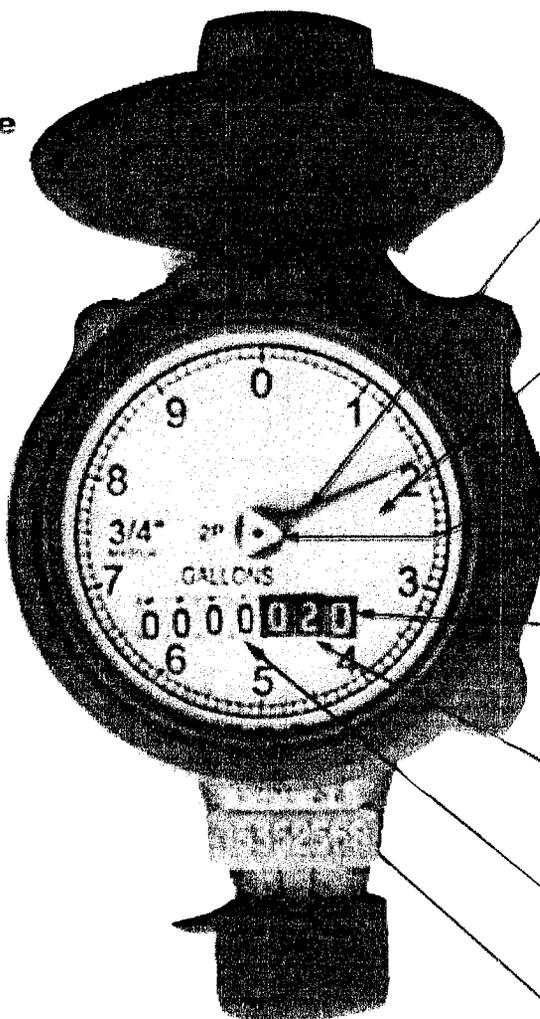
- Locate the white numbers on the right side of the meter dial (black background). Turns of numbers in the black area register that hundreds of gallons of water have passed through the meter.
- Locate the black numbers on the left side of the meter dial (white background). Turns of numbers in the white area register indicates that 1000 gallons of water have passed through the meter.
- The meter dial is read like an automobile odometer, straight from left to right.

See how easy it is to read...

Determining Your Water Usage

Use the following example to help read your meter.

- Select a day to take an initial water meter reading.
- Write down the numbers you see on the meter odometer. Example: 0076400
- After a period of time has passed (a day or week, for example), read your meter again at approximately the same time of day. Example: 0083300
- Subtract your first reading from the second. This is your water usage for the period. Example: $0083300 - 0076400 = 6900$
- The 6900 figure indicates that 6900 gallons of water have been used during the time period between the two readings. The average residential customer uses about 7,000 gallons per month.



Flow Indicator

Used when measuring very low flow through the meter. The flow indicator measures in U.S. Gallons.

Meter Dial

Leak Detector (triangle)

If no water is being used inside or outside, this indicator should not be moving. If it is rotating, you may have a leak.

Place Holder

Indicated by [0].

Meter Register

Every turn of a number in the first black register measures 10 gallons; the second, 100 gallons.

Every turn of a number in the white register measures 1000 gallons.

Meter Number

How to Detect Leaks

A small leak, about the size of the head of a pin, dripping at one drop per second can add up to 7 gallons of water per day. A large leak, the kind most often found in toilets, can waste 200 gallons of water or more per day! Check out the following when you suspect a leak:

Faucets

Check faucets in the bathroom and kitchen periodically. Most often, worn washers are the cause of dripping faucets.

Sprinkler Systems

Broken sprinkler heads or damaged underground pipes are common sources of sprinkler system leaks. Watch your system run at least once per month to spot problems early. Usually, leaks are easy to fix. Do-it-yourself books with easy to follow instructions are available at libraries and stores.

Toilets

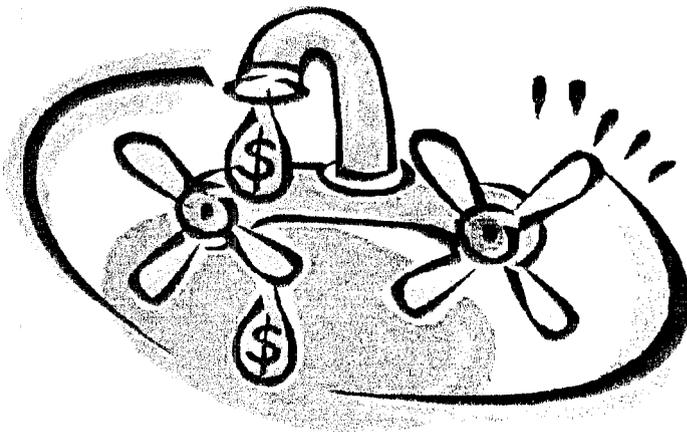
Check toilets for leaks often. The most common causes of a leaking toilet are 1) float device set too high, which causes water to run into the overflow tube and 2) a warped or cracked flapper.

Toilet leak kits are available. The kit contains tablets that are dropped into the toilet tank. After the tablets are placed in the tank wait 15 minutes, then check the toilet bowl. (Remember, don't flush during this time.) If the water in the bowl changes color, you have a leak!

Don't forget to use your water meter to detect leaks

Use your water meter to determine if you have a leak.

- Make sure no water is being used inside or outside (no clothes washer filling, no shower running, no water outdoors, etc.).
- Locate your water meter box, carefully remove the cover and lift the top of the meter.
- Find the leak detector (the small triangle on the meter dial). If all of your water sources are off and the leak detector is rotating, you may have a leak. Leaks can waste thousands of gallons of water in just a few days. It pays to fix leaks promptly.



System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,299,100 Gallons
5/8 Sold This Month	2,428,420 Gallons
5/8 Loss	-129,320 Gallons
5/8 Loss (%)	-6.00 %

Reprinted System Totals Report for 07-14

	Amount (\$)	# Of Accounts
Total 5/8	11,715.21	184
Total 1	3,419.89	46
Total Late Fee	28.83	24
Total Adjustments	-109.61	9
Total Tax	1,566.51	230
Total Current Charges	16,620.83	184
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Amount Past Due 1-30 Days	1,950.16	20
Amount Past Due 31-60 Days	249.11	5
Amount Past Due Over 60 Days	27.44	1
Amount Of Overpayments/Prepayments	-1,838.66	31
Total Receivables	17,008.88	230

Total Receipts On Account	17,758.04	208
Net Change in Deposits	0.00	0
Amount of All Deposits	3,500.00	35
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	17
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	9,831	230
Average 5/8 Charge For Active Meters	50.94	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		4	259,520	10.69	10.29
40,001-50,000		5	207,530	8.55	8.43
30,001-40,000		2	69,150	2.85	1.45
20,001-30,000		15	349,600	14.40	12.96
10,001-20,000		57	777,430	32.01	29.34
8,001-10,000		29	262,240	10.80	9.48
6,001-8,000		35	240,360	9.90	9.76
4,001-6,000		30	154,040	6.34	7.14
2,001-4,000		32	93,050	3.83	6.89
1-2,000		15	15,500	0.64	2.98
Zero Usage		23	0	0.00	1.28
Total Meters		230	2,428,420	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month

1,685,100 Gallons

5/8 Sold This Month

2,600,110 Gallons

5/8 Loss

-915,010 Gallons

5/8 Loss (%)

-54.00 %

Reprinted System Totals Report for 06-14

	Amount (\$)	# Of Accounts
Total 5/8	12,247.63	184
Total 1	3,663.04	46
Total Late Fee	35.17	32
Total Adjustments	-176.00	4
Total Tax	1,646.80	230
Total Current Charges	17,416.64	184
Amount Past Due 1-30 Days	2,135.76	26
Amount Past Due 31-60 Days	72.51	3
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,478.82	29
Total Receivables	18,146.09	230

Total Receipts On Account	15,067.77	210
Net Change in Deposits	0.00	0
Amount of All Deposits	3,400.00	34
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	17
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	10,526	230
Average 5/8 Charge For Active Meters	53.25	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		7	434,040	16.69	14.47
40,001-50,000		2	83,750	3.22	1.68
30,001-40,000		6	216,610	8.33	8.49
20,001-30,000		13	312,150	12.01	11.70
10,001-20,000		67	881,990	33.92	30.70
8,001-10,000		29	261,140	10.04	9.43
6,001-8,000		22	152,210	5.85	6.44
4,001-6,000		30	147,010	5.65	6.70
2,001-4,000		30	89,970	3.46	5.82
1-2,000		18	21,240	0.82	3.33
Zero Usage		23	0	0.00	1.22
Total Meters		230	2,600,110	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,344,600 Gallons
5/8 Sold This Month	2,308,980 Gallons
5/8 Loss	35,620 Gallons
5/8 Loss (%)	2.00 %

Reprinted System Totals Report for 05-14

	Amount (\$)	# Of Accounts
Total 5/8	11,118.85	184
Total 1	3,500.88	46
Total Late Fee	24.47	28
Total Adjustments	-177.96	12
Total Tax	1,513.28	230
Total Current Charges	15,979.52	184
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Amount Past Due 1-30 Days	1,411.67	20
Amount Past Due 31-60 Days	0.00	
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,593.97	32
Total Receivables	15,797.22	230

Total Receipts On Account	15,108.54	216
Net Change in Deposits	0.00	0
Amount of All Deposits	3,400.00	34
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	17
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	9,348	230
Average 5/8 Charge For Active Meters	48.34	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		4	264,680	11.46	11.05
40,001-50,000		1	43,290	1.87	0.00
30,001-40,000		5	164,910	7.14	5.58
20,001-30,000		10	257,010	11.13	10.16
10,001-20,000		58	799,530	34.63	32.20
8,001-10,000		30	265,240	11.49	10.76
6,001-8,000		30	205,560	8.90	9.00
4,001-6,000		36	183,930	7.97	9.17
2,001-4,000		34	104,940	4.54	7.30
1-2,000		17	19,890	0.86	3.67
Zero Usage		22	0	0.00	1.12
Total Meters		230	2,308,980	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,389,800 Gallons
5/8 Sold This Month	2,094,180 Gallons
5/8 Loss	295,620 Gallons
5/8 Loss (%)	12.00 %

Reprinted System Totals Report for 04-14

	Amount (\$)	# Of Accounts
Total 5/8	10,324.91	183
Total 1	3,405.26	47
Total Late Fee	15.10	26
Total Adjustments	-132.00	3
Total Tax	1,421.15	230
Total Current Charges	15,034.42	183
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Amount Past Due 1-30 Days	674.43	18
Amount Past Due 31-60 Days	34.22	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-816.83	33
Total Receivables	14,926.24	231

Total Receipts On Account	10,301.88	205
Net Change in Deposits	0.00	0
Amount of All Deposits	3,300.00	33
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	11
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	8,689	230
Average 5/8 Charge For Active Meters	44.89	183

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		3	181,760	8.68	8.20
40,001-50,000		2	90,020	4.30	4.13
30,001-40,000		3	100,850	4.82	3.00
20,001-30,000		10	240,130	11.47	9.41
10,001-20,000		53	688,070	32.86	29.94
8,001-10,000		21	187,400	8.95	8.62
6,001-8,000		38	269,550	12.87	10.77
4,001-6,000		42	213,420	10.19	13.10
2,001-4,000		33	103,420	4.94	6.94
1-2,000		21	19,560	0.93	4.92
Zero Usage		15	0	0.00	0.97
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Total Meters		230	2,094,180	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,330,000 Gallons
5/8 Sold This Month	1,152,160 Gallons
5/8 Loss	177,840 Gallons
5/8 Loss (%)	13.00 %

Reprinted System Totals Report for 03-14

	Amount (\$)	# Of Accounts
Total 5/8	7,093.31	181
Total I	2,770.46	47
Total Late Fee	15.38	28
Total Service Establish	25.00	1
Total Adjustments	29.70	5
Total Tax	1,020.91	228
Total Current Charges	10,954.76	181
Amount Past Due 1-30 Days	377.66	14
Amount Past Due 31-60 Days	0.00	
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,138.72	33
Total Receivables	10,193.70	228

Total Receipts On Account	10,150.04	214
Net Change in Deposits	0.00	0
Amount of All Deposits	3,300.00	33
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	11
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	4,820	228
Average 5/8 Charge For Active Meters	31.11	181

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		0	0	0.00	0.00
40,001-50,000		0	0	0.00	0.00
30,001-40,000		0	0	0.00	0.00
20,001-30,000		1	22,250	1.93	1.57
10,001-20,000		24	314,010	27.25	20.23
8,001-10,000		9	80,150	6.96	3.62
6,001-8,000		35	241,520	20.96	17.34
4,001-6,000		54	266,850	23.16	22.10
2,001-4,000		58	182,210	15.81	19.99
1-2,000		41	45,170	3.92	13.03
Zero Usage		17	0	0.00	2.11
Total Meters		228	1,152,160	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,183,200 Gallons
5/8 Sold This Month	969,340 Gallons
5/8 Loss	213,860 Gallons
5/8 Loss (%)	18.00 %

Reprinted System Totals Report for 02-14

	Amount (\$)	# Of Accounts
Total 5/8	6,575.24	181
Total 1	2,621.30	47
Total Late Fee	7.89	17
Total Adjustments	-106.83	4
Total Tax	951.93	228
Total Current Charges	10,049.53	181
Amount Past Due 1-30 Days	535.05	15
Amount Past Due 31-60 Days	28.30	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,223.90	32
Total Receivables	9,388.98	228

Total Receipts On Account	10,047.98	210
Net Change in Deposits	0.00	0
Amount of All Deposits	3,200.00	32
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	11
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	4,055	228
Average 5/8 Charge For Active Meters	28.84	181

Usage Groups	Gallons	# Of Accounts	Usage	Gallons	% Of Usage	% Of Sales
Over 50,000		0	0		0.00	0.00
40,001-50,000		0	0		0.00	0.00
30,001-40,000		0	0		0.00	0.00
20,001-30,000		0	0		0.00	0.00
10,001-20,000		13	183,570		18.94	13.70
8,001-10,000		10	87,400		9.02	3.97
6,001-8,000		21	143,700		14.82	12.53
4,001-6,000		61	292,360		30.16	26.09
2,001-4,000		64	201,380		20.78	23.96
1-2,000		52	60,930		6.29	17.10
Zero Usage		18	0		0.00	2.66
Total Meters		228	969,340		100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,254,800 Gallons
5/8 Sold This Month	967,120 Gallons
5/8 Loss	287,680 Gallons
5/8 Loss (%)	23.00 %

Reprinted System Totals Report for 01-14

	Amount (\$)	# Of Accounts
Total 5/8	6,517.26	181
Total 1	2,631.96	47
Total Late Fee	17.24	29
Total Adjustments	-220.00	5
Total Tax	946.89	228
Total Current Charges	9,893.35	181
Amount Past Due 1-30 Days	489.09	12
Amount Past Due 31-60 Days	76.49	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,071.50	34
Total Receivables	9,387.43	229

Total Receipts On Account	10,204.74	214
Net Change in Deposits	0.00	0
Amount of All Deposits	3,200.00	32
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	11
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	4,046	228
Average 5/8 Charge For Active Meters	28.58	181

Usage Groups	Gallons	# Of Accounts	Usage	Gallons	% Of Usage	% Of Sales
Over 50,000		0		0	0.00	0.00
40,001-50,000		0		0	0.00	0.00
30,001-40,000		0		0	0.00	0.00
20,001-30,000		0		0	0.00	0.00
10,001-20,000		7		102,590	10.61	7.38
8,001-10,000		12		106,970	11.06	8.11
6,001-8,000		29		202,390	20.93	13.59
4,001-6,000		63		308,780	31.93	27.75
2,001-4,000		65		199,530	20.63	25.90
1-2,000		43		46,860	4.85	14.19
Zero Usage		20		0	0.00	3.07
Total Meters		228		967,120	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,113,100 Gallons
5/8 Sold This Month	933,090 Gallons
5/8 Loss	180,010 Gallons
5/8 Loss (%)	16.00 %

Reprinted System Totals Report for 12-13

	Amount (\$)	# Of Accounts
Total 5/8	6,646.49	181
Total 1	2,495.09	47
Total Late Fee	25.66	38
Total Adjustments	-176.00	4
Total Tax	946.14	228
Total Current Charges	9,937.38	181
<hr/>		
Amount Past Due 1-30 Days	745.77	15
Amount Past Due 31-60 Days	22.66	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,006.99	30
Total Receivables	9,698.82	229

Total Receipts On Account	11,512.58	217
Net Change in Deposits	0.00	0
Amount of All Deposits	3,200.00	32
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	11
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	3,904	228
Average 5/8 Charge For Active Meters	29.15	181

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		1	160,360	17.19	10.93
40,001-50,000		0	0	0.00	0.00
30,001-40,000		0	0	0.00	0.00
20,001-30,000		0	0	0.00	0.00
10,001-20,000		2	31,400	3.37	2.48
8,001-10,000		7	63,040	6.76	3.13
6,001-8,000		16	111,670	11.97	7.91
4,001-6,000		48	232,400	24.91	20.31
2,001-4,000		94	275,950	29.57	35.82
1-2,000		52	58,270	6.24	16.78
Zero Usage		19	0	0.00	2.63
Total Meters		228	933,090	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month

1,281,000 Gallons

5/8 Sold This Month

1,123,450 Gallons

5/8 Loss

157,550 Gallons

5/8 Loss (%)

12.00 %

Reprinted System Totals Report for 11-13

	Amount (\$)	# Of Accounts
Total 5/8	6,924.09	182
Total 1	2,850.74	47
Total Late Fee	21.77	23
Total Adjustments	-126.00	6
Total Tax	1,011.71	229
Total Current Charges	10,682.31	182
Amount Past Due 1-30 Days	1,266.21	18
Amount Past Due 31-60 Days	0.00	
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-674.50	34
Total Receivables	11,274.02	231

Total Receipts On Account	12,836.77	209
Net Change in Deposits	0.00	0
Amount of All Deposits	3,000.00	30
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	10
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	4,700	229
Average 5/8 Charge For Active Meters	30.24	182

Usage Groups	Gallons	# Of Accounts	Usage	Gallons	% Of Usage	% Of Sales
Over 50,000		0		0	0.00	0.00
40,001-50,000		0		0	0.00	0.00
30,001-40,000		0		0	0.00	0.00
20,001-30,000		3		74,250	6.61	3.46
10,001-20,000		18		222,750	19.83	12.32
8,001-10,000		14		125,690	11.19	9.12
6,001-8,000		29		197,810	17.61	13.17
4,001-6,000		46		228,180	20.31	20.37
2,001-4,000		78		231,680	20.62	28.26
1-2,000		38		43,090	3.84	11.86
Zero Usage		13		0	0.00	1.44
Total Meters		229		1,123,450	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,059,400 Gallons
5/8 Sold This Month	1,822,010 Gallons
5/8 Loss	237,390 Gallons
5/8 Loss (%)	12.00 %

Reprinted System Totals Report for 10-13

	Amount (\$)	# Of Accounts
Total 5/8	9,348.01	182
Total 1	3,281.53	49
Total Late Fee	23.67	34
Total Service Establish	25.00	1
Total Adjustments	-396.00	9
Total Tax	1,307.13	231
Total Current Charges	13,589.34	182

Amount Past Due 1-30 Days	832.28	20
Amount Past Due 31-60 Days	124.95	2
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,118.09	42
Total Receivables	13,428.48	231

Total Receipts On Account	13,269.12	208
Net Change in Deposits	0.00	0
Amount of All Deposits	2,900.00	29
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	8
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	7,623	231
Average 5/8 Charge For Active Meters	40.47	182

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		1	63,990	3.51	3.18
40,001-50,000		0	0	0.00	0.00
30,001-40,000		5	169,220	9.29	8.73
20,001-30,000		8	190,460	10.45	7.57
10,001-20,000		43	574,160	31.51	26.59
8,001-10,000		20	173,240	9.51	8.14
6,001-8,000		37	256,880	14.10	13.75
4,001-6,000		48	235,760	12.94	14.26
2,001-4,000		45	133,580	7.33	12.58
1-2,000		21	24,720	1.36	4.39
Zero Usage		11	0	0.00	0.80
Total Meters		231	1,822,010	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month

1,953,200 Gallons

5/8 Sold This Month

1,707,530 Gallons

5/8 Loss

245,670 Gallons

5/8 Loss (%)

13.00 %

Reprinted System Totals Report for 09-13

	Amount (\$)	# Of Accounts
Total 5/8	8,916.12	182
Total 1	3,238.75	49
Total Late Fee	17.62	21
Total Adjustments	-440.00	10
Total Tax	1,258.03	231
Total Current Charges	12,990.52	182
Amount Past Due 1-30 Days	1,115.81	20
Amount Past Due 31-60 Days	70.79	2
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,068.86	40
Total Receivables	13,108.26	231

Total Receipts On Account	15,023.68	204
Net Change in Deposits	0.00	0
Amount of All Deposits	2,900.00	29
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	8
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	7,144	231
Average 5/8 Charge For Active Meters	38.60	182

Usage Groups	Gallons	# Of Accounts	Usage	Gallons	% Of Usage	% Of Sales
Over 50,000		0	0		0.00	0.00
40,001-50,000		0	0		0.00	0.00
30,001-40,000		3	100,370		5.88	5.44
20,001-30,000		6	136,290		7.98	6.37
10,001-20,000		45	634,450		37.16	29.63
8,001-10,000		22	196,800		11.53	11.19
6,001-8,000		41	278,270		16.30	16.14
4,001-6,000		39	196,310		11.50	11.73
2,001-4,000		46	138,760		8.13	12.91
1-2,000		22	26,280		1.54	4.92
Zero Usage		15	0		0.00	1.68
Total Meters		231	1,707,530		100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,724,600 Gallons
5/8 Sold This Month	2,305,840 Gallons
5/8 Loss	418,760 Gallons
5/8 Loss (%)	15.00 %

Reprinted System Totals Report for 08-13

	Amount (\$)	# Of Accounts
Total 5/8	10,936.67	182
Total 1	3,726.52	49
Total Late Fee	24.06	25
Total Adjustments	-484.00	11
Total Tax	1,517.73	231
Total Current Charges	15,720.98	182
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Amount Past Due 1-30 Days	647.44	11
Amount Past Due 31-60 Days	0.00	
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,227.00	39
Total Receivables	15,141.42	231

Total Receipts On Account	16,477.92	218
Net Change in Deposits	0.00	0
Amount of All Deposits	2,900.00	29
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	8
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	9,647	231
Average 5/8 Charge For Active Meters	47.34	182

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		0	0	0.00	0.00
40,001-50,000		2	87,400	3.79	3.79
30,001-40,000		10	338,620	14.69	11.83
20,001-30,000		8	182,300	7.91	6.38
10,001-20,000		69	988,460	42.87	38.76
8,001-10,000		24	210,880	9.15	9.93
6,001-8,000		30	212,010	9.19	8.58
4,001-6,000		32	162,390	7.04	8.94
2,001-4,000		36	107,600	4.67	8.18
1-2,000		13	16,180	0.70	2.24
Zero Usage		15	0	0.00	1.37
Total Meters		231	2,305,840	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,525,100 Gallons
5/8 Sold This Month	2,183,540 Gallons
5/8 Loss	341,560 Gallons
5/8 Loss (%)	14.00 %

Reprinted System Totals Report for 07-13

	Amount (\$)	# Of Accounts
Total 5/8	10,711.43	183
Total 1	3,452.13	49
Total Late Fee	33.99	31
Total Adjustments	-232.15	9
Total Tax	1,465.87	232
Total 1 1/2	83.33	1
Total Current Charges	15,514.60	183
Amount Past Due 1-30 Days	1,445.19	20
Amount Past Due 31-60 Days	226.93	7
Amount Past Due Over 60 Days	2.87	1
Amount Of Overpayments/Prepayments	-1,291.23	26
Total Receivables	15,898.36	233

Total Receipts On Account	16,302.59	213
Net Change in Deposits	0.00	0
Amount of All Deposits	2,900.00	29
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	6
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	9,136	233
Average 5/8 Charge For Active Meters	45.97	183

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		1	54,180	2.48	2.37
40,001-50,000		3	128,160	5.87	5.68
30,001-40,000		4	137,940	6.32	6.21
20,001-30,000		12	287,350	13.16	10.94
10,001-20,000		60	826,440	37.85	34.81
8,001-10,000		23	209,180	9.58	6.93
6,001-8,000		33	227,680	10.43	9.72
4,001-6,000		40	198,190	9.08	11.43
2,001-4,000		31	91,520	4.19	7.19
1-2,000		18	22,900	1.05	3.33
Zero Usage		14	0	0.00	1.40
Total Meters		233	2,183,540	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	3,007,100 Gallons
5/8 Sold This Month	2,516,960 Gallons
5/8 Loss	490,140 Gallons
5/8 Loss (%)	16.00 %

Reprinted System Totals Report for 06-13

	Amount (\$)	# Of Accounts
Total 5/8	11,872.90	183
Total 1	3,758.80	49
Total Late Fee	34.29	35
Total Adjustments	-465.52	9
Total Tax	1,617.90	232
Total 1 1/2	83.33	1
Total Current Charges	16,901.70	183
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Amount Past Due 1-30 Days	1,252.08	18
Amount Past Due 31-60 Days	54.47	3
Amount Past Due Over 60 Days	28.06	1
Amount Of Overpayments/Prepayments	-1,549.96	30
Total Receivables	16,686.35	233

Total Receipts On Account	18,576.89	217
Net Change in Deposits	0.00	0
Amount of All Deposits	2,900.00	29
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	6
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	10,531	233
Average 5/8 Charge For Active Meters	50.96	183

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		3	169,780	6.75	6.68
40,001-50,000		5	222,550	8.84	5.46
30,001-40,000		7	230,970	9.18	9.41
20,001-30,000		13	308,500	12.26	12.02
10,001-20,000		65	902,070	35.84	32.70
8,001-10,000		23	207,280	8.24	8.47
6,001-8,000		27	188,710	7.50	6.62
4,001-6,000		32	164,850	6.55	7.31
2,001-4,000		29	91,070	3.62	6.07
1-2,000		24	31,180	1.24	4.41
Zero Usage		11	0	0.00	0.84
Total Meters		233	2,516,960	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	3,272,800 Gallons
5/8 Sold This Month	2,727,630 Gallons
5/8 Loss	545,170 Gallons
5/8 Loss (%)	17.00 %

Reprinted System Totals Report for 05-13

	Amount (\$)	# Of Accounts
Total 5/8	12,539.40	184
Total I	3,975.42	49
Total Late Fee	18.86	26
Total Service Establish	75.00	3
Total Adjustments	-145.00	8
Total Tax	1,709.26	233
Total I 1/2	83.33	1
Total Current Charges	18,256.27	184
Amount Past Due 1-30 Days	1,146.32	23
Amount Past Due 31-60 Days	173.32	5
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-1,214.37	22
Total Receivables	18,361.54	233

Total Receipts On Account	13,646.82	216
Net Change in Deposits	0.00	0
Amount of All Deposits	2,900.00	29
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	6
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	11,412	233
Average 5/8 Charge For Active Meters	53.82	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		4	245,910	9.02	6.50
40,001-50,000		2	89,220	3.27	3.37
30,001-40,000		10	345,160	12.65	13.26
20,001-30,000		19	457,610	16.78	14.25
10,001-20,000		65	915,660	33.57	32.53
8,001-10,000		25	222,220	8.15	7.15
6,001-8,000		30	211,000	7.74	7.41
4,001-6,000		26	131,420	4.82	5.74
2,001-4,000		29	86,830	3.18	5.93
1-2,000		19	22,600	0.83	3.06
Zero Usage		10	0	0.00	0.80
Total Meters		233	2,727,630	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	2,112,300 Gallons
5/8 Sold This Month	1,714,780 Gallons
5/8 Loss	397,520 Gallons
5/8 Loss (%)	19.00 %

Reprinted System Totals Report for 04-13

	Amount (\$)	# Of Accounts
Total 5/8	9,029.43	184
Total 1	3,198.56	49
Total Late Fee	8.91	17
Total Service Establish	50.00	2
Total Adjustments	-132.00	3
Total Tax	1,265.67	233
Total 1 1/2	83.33	1
Total Current Charges	13,503.90	184
Amount Past Due 1-30 Days	659.66	17
Amount Past Due 31-60 Days	37.69	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-449.16	30
Total Receivables	13,752.09	233

Total Receipts On Account	12,499.00	218
Net Change in Deposits	0.00	0
Amount of All Deposits	2,700.00	27
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	6
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	7,174	233
Average 5/8 Charge For Active Meters	38.75	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		0	0	0.00	0.00
40,001-50,000		2	85,160	4.97	4.07
30,001-40,000		2	66,800	3.90	3.57
20,001-30,000		8	181,060	10.56	7.72
10,001-20,000		37	527,260	30.75	26.14
8,001-10,000		20	180,320	10.52	8.80
6,001-8,000		42	292,630	17.07	14.58
4,001-6,000		44	220,110	12.84	16.14
2,001-4,000		46	134,690	7.85	11.60
1-2,000		27	26,750	1.56	5.99
Zero Usage		11	0	0.00	1.38
Total Meters		233	1,714,780	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,948,400 Gallons
5/8 Sold This Month	1,515,830 Gallons
5/8 Loss	432,570 Gallons
5/8 Loss (%)	22.00 %

Reprinted System Totals Report for 03-13

	Amount (\$)	# Of Accounts
Total 5/8	8,420.11	184
Total 1	2,984.27	47
Total Late Fee	14.42	24
Total Service Establish	100.00	2
Total Adjustments	-264.00	3
Total Tax	1,180.45	231
Total 1 1/2	83.33	1
Total Current Charges	12,518.58	184
Amount Past Due 1-30 Days	716.03	16
Amount Past Due 31-60 Days	120.19	2
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-607.61	34
Total Receivables	12,747.19	231

Total Receipts On Account	10,224.12	212
Net Change in Deposits	0.00	0
Amount of All Deposits	2,700.00	27
Amount of All Deposit 2	600.00	6
Turned Off Accounts (Amount Owed)	0.00	8
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	6,342	231
Average 5/8 Charge For Active Meters	36.45	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		1	252,800	16.68	12.58
40,001-50,000		0	0	0.00	0.00
30,001-40,000		0	0	0.00	0.00
20,001-30,000		2	49,080	3.24	2.90
10,001-20,000		27	370,380	24.43	15.37
8,001-10,000		19	166,840	11.01	8.64
6,001-8,000		30	208,980	13.79	13.05
4,001-6,000		48	240,090	15.84	18.22
2,001-4,000		58	180,820	11.93	16.41
1-2,000		42	46,840	3.09	11.63
Zero Usage		12	0	0.00	1.19
Total Meters		231	1,515,830	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,267,400 Gallons
5/8 Sold This Month	916,100 Gallons
5/8 Loss	351,300 Gallons
5/8 Loss (%)	28.00 %

Reprinted System Totals Report for 02-13

	Amount (\$)	# Of Accounts
Total 5/8	6,635.51	183
Total 1	2,524.83	47
Total Late Fee	17.48	29
Total Adjustments	-432.39	7
Total Tax	948.14	230
Total 1 1/2	83.33	1
Total Current Charges	9,776.90	183
Amount Past Due 1-30 Days	1,237.48	24
Amount Past Due 31-60 Days	0.06	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-561.71	30
Total Receivables	10,452.73	230

Total Receipts On Account	9,971.82	203
Net Change in Deposits	0.00	0
Amount of All Deposits	2,600.00	26
Amount of All Deposit 2	500.00	5
Turned Off Accounts (Amount Owed)	0.00	9
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	3,833	230
Average 5/8 Charge For Active Meters	28.85	183

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		1	115,600	12.62	7.18
40,001-50,000		1	41,180	4.50	2.95
30,001-40,000		0	0	0.00	0.00
20,001-30,000		0	0	0.00	0.00
10,001-20,000		6	84,310	9.20	5.01
8,001-10,000		8	70,160	7.66	3.10
6,001-8,000		9	63,470	6.93	3.95
4,001-6,000		44	209,460	22.86	20.56
2,001-4,000		88	258,550	28.22	33.18
1-2,000		62	73,370	8.01	20.68
Zero Usage		20	0	0.00	3.39
Total Meters		230	916,100	100.00	100.00

System Totals Report

Appaloosa Water Company

5/8 Pumped This Month	1,431,600 Gallons
5/8 Sold This Month	1,074,020 Gallons
5/8 Loss	357,580 Gallons
5/8 Loss (%)	25.00 %

Reprinted System Totals Report for 01-13

	Amount (\$)	# Of Accounts
Total 5/8	7,065.06	184
Total 1	2,639.40	47
Total Late Fee	19.85	32
Total Adjustments	-264.00	6
Total Tax	1,004.43	231
Total 1 1/2	83.33	1
Total Current Charges	10,548.07	184
Amount Past Due 1-30 Days	692.27	17
Amount Past Due 31-60 Days	35.37	1
Amount Past Due Over 60 Days	0.00	
Amount Of Overpayments/Prepayments	-628.06	31
Total Receivables	10,647.65	231

Total Receipts On Account	9,661.26	210
Net Change in Deposits	0.00	0
Amount of All Deposits	2,600.00	26
Amount of All Deposit 2	500.00	5
Turned Off Accounts (Amount Owed)	0.00	8
Collection Accounts (Amount Owed)	0.00	
Number Of Unread (Turned On) Meters		
Average Usage For Active Meters	4,493	231
Average 5/8 Charge For Active Meters	30.58	184

Usage Groups	Gallons	# Of Accounts	Usage Gallons	% Of Usage	% Of Sales
Over 50,000		0	0	0.00	0.00
40,001-50,000		1	41,450	3.86	2.79
30,001-40,000		3	107,030	9.97	6.80
20,001-30,000		1	26,650	2.48	1.86
10,001-20,000		11	149,780	13.95	7.71
8,001-10,000		8	70,030	6.52	5.12
6,001-8,000		16	107,260	9.99	7.31
4,001-6,000		52	257,210	23.95	20.59
2,001-4,000		85	259,020	24.12	30.95
1-2,000		47	55,590	5.18	14.74
Zero Usage		15	0	0.00	2.12
Total Meters		231	1,074,020	100.00	100.00