

TO: WTMA Board of Directors  
 FROM: Rodney Eberly, Water Superintendent  
 DATE: February 2, 2012  
 SUBJECT: Monthly Water Report for January 2012

This month the water system was operating at 42% of capacity.

\* Note that the Monthly loss from leaks is based on a calculation that can be calculated up to 3 months depending on site description and certain characteristics of the leak.

	<u>MONTHLY</u>			<u>QUARTERLY</u>	
WATER PRODUCED:	15,275,000	GALLONS		44,210,000	GALLONS
WATER SOLD:				30,262,000	GALLONS
LOSS FROM KNOWN LEAKS:	1,672,000	GALLONS	10.95%	5,274,500	GALLONS
LOSS FROM FLUSHING, FIRE PROTECTION & BLOWOFFS:	288,000	GALLONS	1.89%	626,000	GALLONS
UNACCOUNTED WATER LAST OTR:				17%	
UNACCOUNTED WATER THIS QTR:				18%	
PREVIOUS SYSTEM CONNECTIONS:				2,285	
NEW CONNECTIONS THIS MONTH:				3	
TOTAL SYSTEM CONNECTIONS:				2,288	
TOTAL CONNECTIONS FOR 2011/2012				10 / 3	
NEW CONNECTION LOCATIONS:					

13845 Villa View Drive  
 8815 Casper Drive  
 8827 Casper Drive

(A.) 2 Leaks were discovered and repaired this month.

1. Leak at 14743 Pennsylvania Avenue. Two 1/8" holes 592,000 gallons
2. Leak at 13454 East Avenue. 2" long hole. 1,080,000 gallons

(B.) Additional Maintenance / Repair Work.

1. Monthly bacti samples were collected and taken for analysis.
2. Shut off notices were posted and customers were shut off for non payment.
3. Operators spent an average of 2 days per week on leak detection.
4. GPS coordinates were gathered for all leak locations from the previous year.
5. Staff is working on a punch list from CET to aid in the water model design.
6. All meters were read for the quarter and high and low readings were verified.
7. Operators tapped the 2" PVC main for a new connection on Villa View Drive.
8. All operators performed meter route maintenance after meter reading. Small repairs were made at this time.
9. A new curb valve was installed at 14090 BTE. The existing valve would leak when shut off.
10. The data loggers were used to diagnose a pressure issue that was report in the Weatherstone Drive area.
11. 57 MXU's were returned under warranty to L/B Water. They will be sent to Sensus, and all faulty MXU's will be replaced.

Respectfully Submitted,

Rodney Eberly  
 Water Superintendent  
 WTMA Water Dept.