

Knoxville Water Department Monthly Report

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September 30, 2017

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CITY OF KNOXVILLE

IEPA SUMMARY

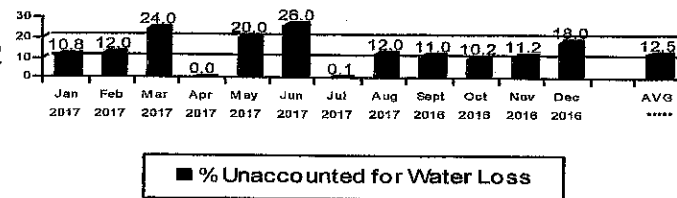
All required IEPA Samples, testing, and reports were submitted in a timely manner, with satisfactory results.

MAINTENANCE SUMMARY

K.W.D performed all monthly preventive maintenance for Water Department equipment, to include maintenance and exercising of wells, as scheduled, as allowed by IEPA. (Note: Well's are exercised bi-weekly, with the well water ran outside at an average of 17,600 gallons monthly)

OPERATIONS SUMMARY

Gallons of Water Pumped.	<u>6,369,000</u>
Gallons of Water Billed:	<u>5,649,990</u>
City Water Use:	160,780
Gallons of Water Unaccounted for:	719,010
Unaccounted for Water, Percentage:	11 %
Daily Average Usage:	212,300



Gallons of Water Pumped, Gallons of Water Billed, and City Water Use are based on Monthly Billing Cycles (21st to 20th of each month). City Water Use includes Water Salesman use, which is water used by and paid for by customer. To have a more accurate overview of the actual Unaccounted for Water Loss you must look at the overall average.0

CITY METER READS

Report Month >>>>>									★			
LOCATION	January 31, 2017	February 28, 2017	March 31, 2017	April 30, 2017	May 30, 2017	June 30, 2017	July 31, 2017	August 31, 2017	September 30, 2017	October 30, 2016	November 30, 2016	December 30, 2016
City Hall & Court House	34870 1,140 gal.	35960 1,090 gal.	37250 1,290 gal.	38580 1330 gal.	39470 890 gal.	40700 1230 gal.	41520 820 gal.	42680 1,160 gal.	43560 880 gal.	31510 3,410 gal	32470 960 gal.	33730 1,260 gal.
Knox County Museum	15180 800 gal.	15860 680 gal.	16310 450 gal.	16420 110 gal.	16530 490 gal.	16700 170 gal.	16810 110 gal.	16950 140 gal.	17120 170 gal.	13320 300 gal.	13450 130 gal.	14380 930 gal.
Library	8300 280 gal.	8570 270 gal.	8840 270 gal.	9090 250 gal.	9380 290 gal.	9680 300 gal.	9920 240 gal.	10210 290 gal.	10470 260 gal.	4790 260 gal.	7760 370 gal.	8020 260 gal.
City Park & Cemetery	off 0 gal.	off 0 gal.	off 0 gal.	off 0 gal.	27000 1,000 gal.	29080 1080 gal.	29081 100 gal.	30000 1,000 gal.	31210 1,210 gal.	off 0 gal.	off 0 gal.	off 0 gal.
Street Dept Hyd	est. 0 gal.	est. 2,000 gal.	est. 2,000 gal.	est. 2,000 gal.	est. 5,000 gal.	est. 5,000 gal.	est. 2,000 gal.	est. 4,000 gal.	est. 5,000 gal.	est. 2,000 gal	est. 5,000 gal	est. 2,000 gal.
Police Dept.	44610 940 gal.	45360 750 gal.	46170 810 gal.	47270 1,100 gal.	48180 910 gal.	49180 1,000 gal.	49940 760 gal.	50770 830 gal.	51640 870 gal.	42050 1,490 gal.	42980 930 gal.	43670 690 gal.
Street Dept.	24930 800 gal.	25530 600 gal.	26210 680 gal.	26800 590 gal.	27790 790 gal.	29280 1,490 gal.	30360 1,080 gal.	31530 1,170 gal.	32540 1,010 gal.	22720 670 gal.	23490 770 gal.	24130 640 gal.
Sanitation Dept.	19320 1,750 gal.	20440 1,120 gal.	21600 1,160 gal.	22810 1,210 gal.	23810 1,000 gal.	24370 560 gal.	24610 240 gal.	25060 450 gal.	25430 1,000 gal.	15320 610 gal.	16200 880 gal.	17570 1370 gal.
Water Dept.	276100 1,100 gal.	277000 900 gal.	277300 300 gal.	278000 1,000 gal.	279000 1,000 gal.	280800 1,800 gal.	281000 200 gal.	282000 1,000 gal.	283000 1,000 gal.	273600 1,600gal.	274000 400 gal.	2275000 1,000 gal.
WWTP	5739000 25,000 gal.	5762000 23,000 gal.	5788000 26,000gal.	5822000 34,000 gal.	5843000 21,000 gal.	5863880 20,880gal.	5876000 12,120 gal.	5899000 23,000 gal.	5914000 15,000 gal.	5688750 1,750 gal.	5701000 12,250 gal.	5714000 13,000 gal.
Fire Dept.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.
Hydrants	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Hydrants (Water Dept.)	est. ** 0 gal.	est. ** 10,000 gal.	est. ** 32,000 gal.	est. ** 42,000 gal.	est. ** 52,000 gal.	est. ** 20,000 gal.	est. ** 40,000 gal.	est. ** 32,000 gal.	est. ** 10,000 gal	est. ** 10,000 gal.	est. ** 2000 gal.	est. ** 5,000 gal.
MISC. (See Notes**)	est. ** 40,000 gal.	est. ** 75,000 gal.	est. ** 14,400 gal.	est. ** 14,000 gal.	est. ** 10,000 gal.	est. ** 150,000.	est. ** 70,000 gal.	est. ** 18,000 gal.	est. ** 10,000 gal.	est. ** 99,000 gal.	est. ** 215,000gal	est. ** 10,000 gal.
* Water Salesman	6504000 4,000 gal.	6508000 4,000 gal.	6514000 6,000 gal.	6518000 4,000 gal.	6544000 26,000 gal.	6639100 95,100 gal.	6674500 35,400 gal.	6691000 17,000 gal.	6706000 15,000 gal.	6488000 5,000 gal.	6497000 9,000 gal.	6500000 3,000 gal.
TOTAL	175,810 gallons	219,410 gallons	176,960 gallons	203,590 bgallons	215,370 gallons	398,610 gallons	261,070 gallons	199,040 gallons	160,780 gallons	234,090 gallons	356,690 gallons	134,150 gallons

* Water Salesman is water which is Used and Paid for by customer.

NOTES:**** **See Below for referenced notes above

** City Meter Reads - Notes **

****Hydrants / Water Dept.>** Running/Flushing/Draining hydrants in conjunction with water main valve & hydrant exercising/testing/maintenance.
Including Scheduled Hydrant Flushing / Cleaning & Flushing of Sanitary Sewers / WWTP

January 2017, MISC.> Service Line Leaks

February 2017, MISC.> Service Line Leaks

March 2017, MISC.> Service Line Leaks

April 2017, MISC.>Fixed Service Line Leaks/ City Park and Cemetery water on for summer.

May 2017, MISC.> Service Line Leaks / Hydrants, Water Dept, > flush hydrants

June 2017, MISC. > Service Line Leaks Hydrant leak do to being hit by truck estimated loss of 150,000 gal

July 2017, MISC. > Service Line Leaks fixed at 509 Newman St

August 2017, MISC. > Service Line Leaks, Hydrant testing and flushing

September 2017 MISC> Service Line Leaks, Leak on 150 and Park St fixed

October 2016 City Park and Cemetery water shut off for winter. Water loss up due to new 12 inch water main being flushed to pass Bacti Samples.

November 2016, Contractor hit 8 inch water main we lost 215,000 gal of water so we are loss is up 3%

December 2016 Misc Service Line Leaks.

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