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CITY OF KNOXVILLE

Knoxville Water Department Monthly Report

September 30, 2018

IEPA SUMMARY

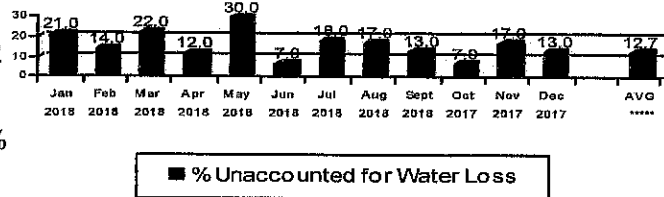
All required IEPA Samples, testing, and reports were submitted in a timely manner, with satisfactory results.

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) Testing hydrants this is why unaccounted for water is high.

OPERATIONS SUMMARY

Gallons of Water Pumped.	7,053,000
Gallons of Water Billed:	6,123,910
City Water Use:	229,680
Gallons of Water Unaccounted for:	929,090
Unaccounted for Water, Percentage:	13 %
Daily Average Usage:	235,000



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, 2018	February 28, 2018	March 31, 2018	April 30, 2018	May 30, 2018	June 30, 2018	July 31, 2018	August 31, 2018	September 30, 2018	October 31, 2017	November 30, 2017	December 30, 2017
City Hall & Court House	49630 1,570 gal.	50250 620 gal.	50720 470 gal.	51530 810 gal.	52100 570 gal.	52500 400 gal.	52960 460 gal.	53950 990 gal.	54860 910 gal.	45510 1,950 gal.	46080 570 gal.	48060 1,980 gal.
Knox County Museum	17560 100 gal.	17660 1,000 gal.	17800 140 gal.	17920 120 gal.	18930 1,010 gal.	19070 140 gal.	19190 120 gal.	19320 130 gal.	19460 140 gal.	17280 160 gal.	17360 80 gal.	17460 100 gal.
Library	12160 200 gal.	12380 100 gal.	12600 220 gal.	12820 220 gal.	13050 230 gal.	13340 250 gal.	13610 270 gal.	13900 290 gal.	14180 280 gal.	10710 240 gal.	11780 1,070 gal.	11960 180 gal.
City Park & Cemetery	off 0 gal.	off 0 gal.	31530 1,530 gal.	31750 220 gal.	32000 250 gal.	33040 1,040 gal.	33890 850 gal.	34000 110 gal.	34780 780 gal.	off 0 gal.	off 0 gal.	off 0 gal.
Street Dept Hyd	est. 2,000 gal.	est. 4,000 gal.	est. 2,000 gal.	est. 5,000 gal.	est. 5,000 gal.	est. 4,000 gal.	est. 5,000 gal.	est. 6,000 gal.	est. 5,000 gal.	est. 2,000 gal.	est. 5,000 gal.	est. 2,000 gal.
Police Dept.	54920 790 gal.	55640 720 gal.	53690 750 gal.	57250 860 gal.	57880 630 gal.	58680 800 gal.	59440 760 gal.	60190 750 gal.	61160 970 gal.	52450 810 gal.	53310 860 gal.	54130 820 gal.
Street Dept.	35430 720 gal.	36170 740 gal.	36830 660 gal.	37600 770 gal.	38440 840 gal.	39270 830 gal.	40140 870 gal.	40900 760 gal.	41630 730 gal.	33310 770 gal.	34000 690 gal.	34710 710 gal.
Sanitation Dept.	30020 3,180 gal.	31190 1,170 gal.	32080 890 gal.	32800 720 gal.	33520 720 gal.	34130 610 gal.	34430 300 gal.	34960 530 gal.	35430 470 gal.	26100 670 gal.	26550 450 gal.	26840 290 gal.
Water Dept.	287000 1,000 gal.	288000 1,000 gal.	290300 2,300 gal.	291800 470 gal.	238000 2,000 gal.	294300 500 gal.	296100 1,800 gal.	297100 1,000 gal.	297600 500 gal.	284000 1,000 gal.	285000 1,000 gal.	286000 1,000 gal.
WWTP	5970000 20,000 gal.	6001000 31,000 gal.	6030000 29,000 gal.	6052000 22,000 gal.	6062000 10,000 gal.	6081000 19,000 gal.	6097360 16,360 gal.	6120000 23,000 gal.	6154000 34,000 gal.	5926000 12,000 gal.	5935000 9,000 gal.	5950000 15,000 gal.
Fire Dept. Hydrants	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000	est. 100,000
Hydrants (Water Dept.)	est. ** 0 gal.	est. ** 5,000 gal.	est. ** 2,500 gal.	est. ** 20,000 gal.	est. ** 56,000 gal.	est. ** 20,000 gal.	est. ** 40,000 gal.	est. ** 100,00 gal.	est. 75,000 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. ** 10,000.	est. ** 70,000 gal.	est. ** 18,000 gal.	est. 10,000 gal.	est. ** 10,000 gal.	est. ** 30,000 gal.	est. ** 10,000 gal.
* Water Salesman	6760000 6,000 gal.	6674000 4,000 gal.	6614000 2,000 gal.	6770000 4,000 gal.	6857000 87,000 gal.	6900300 43,300 gal.	6924000 23,700 gal.	6936000 12,000 gal.	6937000 1,000 gal.	6719000 13,000 gal.	6733000 14,000 gal.	6754000 21,000 gal.
TOTAL	175,760 gallons	218,470 gallons	156,000 gallons	169,190 gallons	269,250 gallons	200,570 gallons	260,190 gallons	263,560 gallons	229,680 gallons	155,600 gallons	164,720 gallons	158,080 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 2018, MISC.> 6 froze meters uaccounted water is high.

February 2018, MISC.> Service Line Leaks

March 2018, MISC.> Service Line Leaks Park water back on.

April 2018, MISC.> Service Line Leaks Cemetery water on for summer.

May 2018, MISC.> Service Line Leaks / Hydrants, Water Dept, > flush hydrants Custom Underground hit service line.

June 2018, MISC. > Service Line Leaks

July 2018, MISC. > Service Line Leaks

August 2018, MISC. > Service Line Leaks, Hydrant testing and flushing, filled and drained S Tower

September 2018 MISC> Service Line Leaks, Leak on Walnut St Hydrant Flushing

October 2017 City Park and Cemetery water shut off for winter. Service line leak at Cemetery.

November 2017 Service Line hit at 109 S Broad St.

December 2017 Misc Service Line Leaks.

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