

Knoxville Water Department Monthly Report

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February 28, 2019

MAR - 5 2019

CITY OF KNOXVILLE

IEPA SUMMARY

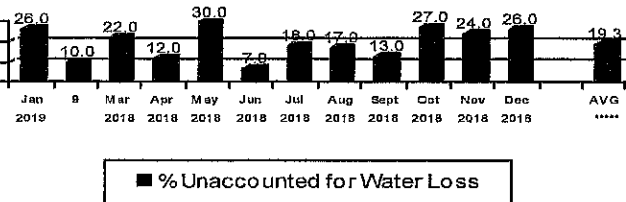
All required IEPA Samples, testing, and reports were submitted in a timely manner, with satisfactory results.

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. 6,272,000
 Gallons of Water Billed: 5,637,280
 City Water Use: 230,170
 Gallons of Water Unaccounted for: 634,720
 Unaccounted for Water, Percentage: 10 %
 Daily Average Usage: 224,000



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, 2019	February 28, 2019	March 31, 2018	April 30, 2018	May 30, 2018	June 30, 2018	July 31, 2018	August 31, 2018	September 30, 2018	October 31, 2018	November 30, 2018	December 30, 2018
City Hall & Court House	62250 820 gal.	63230 950 gal.	50720 470 gal.	51530 810 gal.	52100 570 gal.	52500 400 gal.	52960 460 gal.	53950 990 gal.	54860 910 gal.	58900 4,040 gal.	60280 1,380 gal.	61430 1,150 gal.
Knox County Museum	20580 190 gal.	20760 180 gal.	17800 140 gal.	17920 120 gal.	18930 1,010 gal.	19070 140 gal.	19190 120 gal.	19320 130 gal.	19460 140 gal.	20010 550 gal.	20130 120 gal.	20390 260 gal.
Library	14950 200 gal.	15210 260 gal.	12600 220 gal.	12820 220 gal.	13050 230 gal.	13340 250 gal.	13610 270 gal.	13900 290 gal.	14180 280 gal.	14410 230 gal.	14570 160 gal.	14750 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. 0 gal.	est. 0 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. 7,000 gal.	est. 6,000 gal.	est. 2,000 gal.
Police Dept.	65660 1,200 gal.	66620 960 gal.	53690 750 gal.	57250 860 gal.	57880 630 gal.	58680 800 gal.	59440 760 gal.	60190 750 gal.	61160 970 gal.	62210 1050 gal.	63270 1,060 gal.	64460 1,190 gal.
Street Dept.	44810 850 gal.	45630 820 gal.	36830 660 gal.	37600 770 gal.	38440 840 gal.	39270 830 gal.	40140 870 gal.	40900 760 gal.	41630 730 gal.	42600 970 gal.	43270 670 gal.	43960 690 gal.
Sanitation Dept.	39050 20,860 gal.	40690 1,640 gal.	32080 890 gal.	32800 720 gal.	33520 720 gal.	34130 610 gal.	34430 300 gal.	34960 530 gal.	35430 470 gal.	36540 1,110 gal.	36950 410 gal.	38190 1,240 gal.
Water Dept.	299700 700 gal.	30000 300 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.	298200 600 gal.	298700 500 gal.	299000 300 gal.
WWTP	6269000 41,000 gal.	6662000 49,000 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.	6171000 17,000 gal.	6188000 17,000 gal.	6228000 40,000 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. ** 0 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. ** 80,000 gal.	est. ** 10,000 gal.
* Water Salesman	6944000 0 gal.	6945000 1,000 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.	6939000 2,000 gal.	6942000 3,000 gal.	6944000 2,000 gal.
TOTAL	205,820 gallons	230,170 gallons	156,000 gallons	169,190 gallons	269,250 gallons	200,570 gallons	260,190 gallons	263,560 gallons	229,680 gallons	154,550 gallons	212,300 gallons	164,010 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 2019, MISC. > 6 froze meters unaccounted water is high.

February 2019, 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 2018 City Park and Cemetery water shut off for winter. Service line leaks. Boaring Crew Hit water Mains

November 2018 Water main hit by boring company 80,000 gal loss.

December 2018 Misc Service Line Leaks.

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