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CITY OF KNOXVILLE

Knoxville Water Department Monthly Report

August 30, 2019

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.

7,973,000

Gallons of Water Billed:

6,443,710

City Water Use:

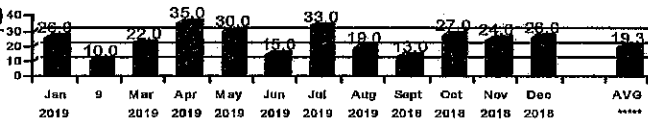
267,750

Gallons of Water Unaccounted for:

Unaccounted for Water, Percentage: 19 %

Daily Average Usage:

257,000



■ % Unaccounted for Water Loss

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, 2019	April 30, 2019	May 30, 2019	June 30, 2019	July 31, 2019	August 31, 2019	September 30, 2018	October 31, 2018	November 30, 2018	December 30, 2018
City Hall & Court House	62250 820 gal.	63230 950 gal.	64420 1,190 gal.	65480 1,060 gal.	66400 920 gal.	66770 370 gal.	67310 540 gal.	68300 990 gal.	54860 910 gal.	58900 4,040 gal.	60280 1,380 gal.	61430 1,150 gal.
Knox County Museum	20580	20760	20960	21160	21360	21520	21930	21950	19460	20010	20130	20390
Library	14950 200 gal.	15210 260 gal.	15490 280 gal.	15710 220 gal.	16060 350 gal.	16450 390 gal.	16790 340 gal.	17140 350 gal.	14180 280 gal.	14410 230 gal.	14570 160 gal.	14750 180 gal.
City Park & Cemetery	off 0 gal.	off 0 gal.	off 0 gal.	35000 220 gal.	35000 250 gal.	35800 800 gal.	36260 460 gal.	36770 510 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. 50,200 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.	67780 1,160 gal.	68730 950 gal.	69940 1,210 gal.	70910 970 gal.	7190 990 gal.	73090 1150 gal.	61160 970 gal.	62210 1050 gal.	63270 1,060 gal.	64460 1,190 gal.
Street Dept.	44810 850 gal.	45630 820 gal.	46460 830 gal.	47230 770 gal.	48060 830 gal.	48870 810 gal.	49740 870 gal.	50940 1200 gal.	41630 730 gal.	42600 970 gal.	43270 670 gal.	43960 690 gal.
Sanitation Dept.	39050 20,860 gal	40690 1,640 gal.	41670 978 gal.	41830 160 gal.	42350 520 gal.	42740 390 gal.	43400 660 gal.	44410 1010 gal.	35430 470 gal.	36540 1,110 gal.	36950 410 gal.	38190 1,240 gal.
Water Dept.	299700 700 gal.	30000 300 gal.	300700 700 gal.	301000 300 gal.	303000 2,000 gal.	303500 500 gal.	303900 400 gal.	304400 500 gal.	297600 500 gal.	298200 600 gal.	298700 500 gal.	299000 300 gal.
WWTP	6269000 41,000 gal.	6662000 49,000 gal.	6357000 39,000 gal.	6391000 34,000 gal.	6505000 114,000 gal.	6550000 45,000 gal.	6572000 22,000 gal.	6602420 30,420 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. ** 50,000 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. ** 200,000.	est. ** 600,000 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.	6946000 1,000 gal.	6947000 1,000 gal.	6959000 12,000 gal.	6979000 20,000 gal.	6992000 13,000 gal.	70005400 13,400 gal.	6937000 1,000 gal.	6939000 2,000 gal.	6942000 3,000 gal.	6944000 2,000 gal.
TOTAL	205,820 gallons	230,170 gallons	162,238 gallons	364,880 gallons	893,030 gallons	199,390 gallons	254,570 gal ons	267,750 gallons	229,680 gallons	154,550 gallons	212,300 gallons	164,010 gallons

NOTES: * Water Salesman is water which is Used and Paid for by customer.
**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 uaccounted water is high.
- February 2019, MISC.> Service Line Leaks
- March 2019, MISC.> Service Line Leaks. Hydrant flushing.
- April 2019, MISC.> Service Line Leaks Cemetary water on for summer. Drained and filled S Tower for paint and disenfection.
- May 2019, MISC.> Service Line Leaks / Hydrants, Water Dept, > flush hydrants > Filled North and South Tower (600,000gal)
- June 2019, MISC. > Service Line Leaks
- July 2019, MISC. > Service Line Leaks
- August 2019, MISC. > Service Line Leaks,
- September 2018 MISC> Service Line Leaks, Leak on Walnut St Hydrant Flushing
- October 2018 City Park and Cemetary 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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