

RECEIVED

OCT -9 2024

CITY OF KNOXVILLE

Knoxville Water Department Monthly Report

September 30, 2024

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.	8,208,000
Gallons of Water Billed:	<u>5,473,778</u>
City Water Use:	196,870
Gallons of Water Unaccounted for:	2,734,222
Unaccounted for Water, Percentage:	33 %
Daily Average Usage:	274,000



■ % 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.

CITY METER READS

Report Month >>>>									★			
LOCATION	January 31, 2024	February 29, 2024	March 31, 2024	April 30, 2024	May 30, 2024	June 30, 2024	July 31, 2024	August 31, 2024	September 30, 2024	October 31, 2023	November 30, 2023	December 31, 2023
City Hall & Court House	8500 500 gal.	9200 800 gal.	9800 600 gal.	10500 700 gal.		11500 500 gal.	12250 750 gal.	12750 500 gal.	13350 600 gal.	7000 700 gal.	7500 400 gal.	8000 500 gal.
Knox County Museum	40090 140 gal.	40680 590 gal.	40850 170 gal.	41310 460 gal.		42390 1080 gal.	42550 160 gal.	42660 110 gal.	42740 80 gal.	39270 290 gal.	39340 70 gal.	39950 610 gal.
Library	34920 240 gal.	35390 470 gal.	3570 380 gal.	36060 710 gal.		36700 1,640 gal.	36950 250 gal.	37150 200 gal.	37410 260 gal.	33500 2310 gal.	34420 920 gal.	34680 260 gal.
City Park & Cemetery	off 0 gal.	off 0 gal.	off 0 gal.	off 0 gal.		51700 1,500 gal.	52550 850 gal.	53580 1,030 gal.	55000 1,420 gal.	50200 280 gal.	off 0 gal.	off 0 gal.
Street Dept Hyd	est. 0 gal.	est. 2,000 gal.	est. 5,000 gal.	est. 5,000 gal.		est. 10,000 gal.	est. 10,000 gal.	est. 10,000 gal.	est. 10,000 gal.	est. 5,000 gal.	est. 3,000 gal.	est. 0 gal.
Police Dept.	139240 1,150 gal.	140240 1,000 gal.	141260 1,020 gal.	141950 691 gal.		144080 2,130 gal.	144940 860 gal.	146040 1,100 gal.	147450 1,410 gal.	134300 3,250 gal.	135,830 1,530 gal.	138090 2,260 gal.
Street Dept.	95010 960 gal.	86160 630 gal.	96430 720 gal.	97780 1,350 gal.		99900 2,120 gal.	100700 800 gal.	101450 750 gal.	102360 910 gal.	92660 680 gal.	93280 620 gal.	94050 1,640 gal.
Sanitation Dept.	88740 3,820 gal.	90260 1,520 gal.	91830 1,570 gal.	92610 780 gal.		93700 1,090 gal.	94280 580 gal.	94920 640 gal.	93420 1,500 gal.	82950 680 gal.	83690 740 gal.	84920 1,230 gal.
Water Dept.	336000 1,300 gal.	337000 1,000 gal.	337600 600 gal.	337900 300 gal.		340200 2,300 gal.	340500 300 gal.	340800 300 gal.	341100 300 gal.	334700 300 gal.	33500 300 gal.	335300 300 gal.
WWTP	7435000 44,000 gal.	7447000 12,000 gal.	247990 2,990 gal.	7521280 41,209 gal.		7540320 19,000 gal.	7549180 8,860 gal.	7562240 13,000 gal.	7569730 7,490 gal.	7345000 9,000 gal.	7385000 40,000 gal.	739100 6,000 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. ** 2000 gal.	est. ** 0 gal.	est. ** 0 gal.	est. ** 10,000 gal.	est. ** 20,000 gal.	est. ** 20,000 gal.	est. ** 40,000 gal.	est. ** 50,000 gal.	est. ** 10,000 gal.	est. ** 10,000 gal.	est. ** 2000 gal.	est. ** 2,000 gal.
MISC. (See Notes)**	est. ** 100,000 gal.	est. ** 100,000 gal.	est. ** 100,000 gal.	est. ** 20,000 gal.	est. ** 100,000 gal.	est. ** 150,000 gal.	est. ** 70,000 gal.	est. ** 25,000 gal.	est. ** 50,000 gal.	est. ** 10,000 gal.	est. ** 10,000 gal.	est. ** 100,000 gal.
* Water Salesman	7873000 3,000 gal.	7877000 4,000 gal.	7879000 3,000 gal.	7882000 3,000 gal.		7952000 70,000 gal.	7964000 12,000 gal.	7973000 9,000 gal.	7986000 13,000 gal.	7857000 9,000 gal.	7867000 10,000 gal.	7870060 4,000 gal.
TOTAL	257,120 gallons	244,080 gallons	216,052 gallons	159,400 gallons		272,360 gallons	245,410 gallons	211,050 gallons	196,870 gallons	161,217 gallons	257,640 gallons	300,000 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 2024 MISC.>** Service Line Leaks.
- February 2024 MISC.>** 2 Service Line Repairs and water main repair on 150
- March 2024 MISC.>** 4 Service Line Leaks repaired.
- April 2024, MISC.>** Service Line Leaks Cemetery water on for summer. Park Restrooms Open
- May 2024, MISC.>** Service Line Leaks No Report
- June 2024 MISC. >** Service Line Leaks. 2 Service Lines Repaired
- July 2024, MISC. >** Service Line leaks. Lead line replacemnt started
- August 2024 MISC. >** Service line leaks
- September 2024 MISC>** Lead line replacment complete.
- October 2023** City Park and Cemetery water shut off for winter.
- November 2023 2 Service Lines Repaired**
- December 2023 Misc Service Line Leaks.**

NOTE: 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.