

Knoxville Water Department Monthly Report

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CITY OF KNOXVILLE

December 31, 2021

IEPA SUMMARY

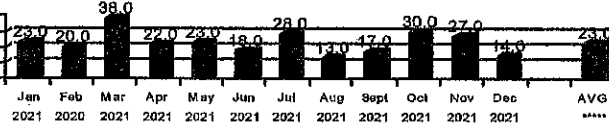
All required IEPA Samples, testing, and reports were submitted in a timely manner, with satisfactory results.

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. 6,100,000
 Gallons of Water Billed: 5,205,640
 City Water Use: 141,930
 Gallons of Water Unaccounted for: 894,360
 Unaccounted for Water, Percentage: 14%
 Daily Average Usage: 196,777



■ % 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, 2021	February 27, 2021	March 31, 2021	April 30, 2021	May 30, 2021	June 30, 2021	July 31, 2021	August 31, 2021	September 30, 2021	October 31, 2021	November 30, 2021	December 31, 2021
City Hall & Court House	78990 170 gal.	79160 170 gal.	79380 220 gal.	79700 320 gal.	79860 160 gal.	80050 190 gal.	80240 190 gal.	80440 200 gal.	80620 180 gal.	80930 310 gal	81200 270 gal.	81410 210 gal.
Knox County Museum	33650 1,700 gal.	35160 1,510 gal.	36050 890 gal.	36300 250 gal.	36370 70 gal.	36430 60 gal	36480 50 gal.	36560 80 gal.	36640 80 gal.	36880 240 gal.	36910 30 gal.	36930 20 gal.
Library	21000 230 gal.	21180 180 gal.	21470 290 gal.	21760 290 gal.	22070 310 gal.	22390 320 gal	22720 330 gal.	23100 380 gal.	23450 360 gal.	23800 360 gal.	24080 280 gal.	24460 380 gal.
City Park & Cemetery	off 0 gal.	off 0 gal.	off 0 gal.	39490 60 gal.	off 0 gal.	40000 190gal.	40980 960 gal.	41480 500 gal.	42110 630 gal.	off 0 gal.	off 0 gal.	off 0 gal.
Street Dept Hyd	est. 2,000gal.	est. 0 gal	est. 2,000 gal.	est. 2,000 gal.	est. 5,000 gal.	est. 5,000 gal.	est. 5,000 gal.	est. 5,000 gal.	est. 5,000 gal.	est. 5,000 gal	est. 2,000 gal	est. 0 gal.
Police Dept.	92300 1,440 gal.	93180 880 gal	94080 900 gal.	94910 830 gal.	66670 760 gal.	96450 780 gal	97410 960 gal.	98360 950 gal.	99210 850 gal.	100090 880 gal.	100830 740 gal.	101560 730 gal.
Street Dept.	66220 1940 gal.	67020 800 gal.	67850 830 gal.	68760 910 gal.	69690 930 gal.	70700 1,010 gal.	71510 810 gal.	72190 680 gal.	72850 660 gal.	73490 640 gal.	74150 660 gal.	74950 950 gal.
Sanitation Dept.	60330 1,510 gal	61860 1,530 gal.	62970 1,110 gal.	63750 510 gal.	64530 780 gal.	65100 570 gal.	65770 670 gal.	66030 260 gal.	66460 430 gal.	67470 1,010 gal.	67860 390 gal.	68520 660 gal.
Water Dept.	317000 400gal.	317000 100 gal.	318000 1,000 gal.	318000 0 gal.	319200 1200 gal.	319700 500 gal.	320000 300 gal.	320700 700 gal.	321200 500 gal.	322500 1,300 gal.	323000 500 gal.	323700 700 gal.
WWTP	6892570 1020gal.	6897720 7,463 gal.	6924590 26,870gal	6946930 22,340gal.	6982000 35,070 gal	6992820 10,820gal	7011750 18,930 gal.	7018750 7,000 gal.	7024410 5,660 gal.	7049310 24,900gal.	7060870 11,530 gal.	7072300 11,430gal.
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. ** 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. 2,000gal.
MISC. (See Notes**)	est. ** 75,000 gal.	est. ** 20,000 gal.	est. ** 50,000 gal	est. ** 20,000 gal	est. ** 100,000 gal	est. ** 150,000gal.	est. ** 70,000 gal.	est. ** 18,000 gal.	est. 50,000 gal.	est. ** 10,000 gal.	est. ** 10,000 gal	est. ** 20,000ga
* Water Salesman	7169000 4,000 gal.	7175000 6,000 gal.	7182000 7,100 gal.	7190000 8,000 gal.	7216000 26,000 gal.	7264000 48,000 gal.	7298000 14,000gal.	7125000 24,000 gal.	7306000 8,000 gal.	7313000 7,000 gal.	7318000 5,000 gal.	7323000 5,000gal.
TOTAL	189,380 gallons	138,533 gallons	193,710 gallons	165,700 gallons	285,800 gallons	287,440 gallons	239,750 gallons	209,160 gallons	182,310 gallons	161,630 gallons	133,400 gallons	141,930 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 2021, MISC. >** Service Line Leaks.
- February 2021, MISC. >** Service Line Leaks
- March 2021, MISC. >** Service Line Leaks 2 .service lines repaired
- April 2021, MISC. >** Service Line Leaks Cemetary water on for summer.
- May 2021, MISC. >** Service Line Leaks
- June 2021, MISC. >** Service Line Leaks. Service Line at 222 W Grove Street Repaired.
- July 2021, MISC. >** Service Line Repair at 792 S Division St
- August 2021, MISC. >** Service Line Leaks, Service line repaired at 310 Locust st.
- September 2021 MISC >** Repair Water Main on W South St.
- October 2021** City Park and Cemetary water shut off for winter.
- November 2021** Service Line Leak fixed at 402 S Broad St
- December 2021** Misc Service Line Leaks. 2 Service lines fixed

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