

Knoxville Water Department Monthly Report

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December 31, 2020

CITY OF KNOXVILLE

IEPA SUMMARY

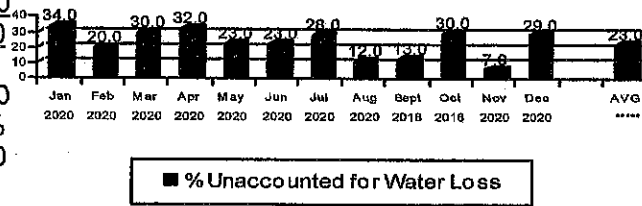
All required IEPA Samples, testing, and reports were submitted in a timely manner, with satisfactory results.

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.	6,617,000
Gallons of Water Billed:	4,675,700
City Water Use:	135,041
Gallons of Water Unaccounted for:	1,941,300
Unaccounted for Water, Percentage:	29%
Daily Average Usage:	213,000



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, 2020	February 27, 2020	March 31, 2020	April 30, 2020	May 30, 2020	June 30, 2020	July 31, 2020	August 31, 2020	September 30, 2020	October 31, 2020	November 30, 2020	December 31, 2020
City Hall & Court House	75300 380 gal.	75570 270 gal.	76040 470 gal.	76370 330 gal.	76610 240 gal.	76910 300 gal.	77150 240 gal.	77870 720 gal.	78170 300 gal.	78380 210 gal.	78580 200 gal.	78820 240 gal.
Knox County Museum	27040 1,880 gal.	28570 1,530 gal.	29750 1,180 gal.	29980 230 gal.	30350 370 gal.	30390 40 gal.	30430 409 gal.	30500 70 gal.	30590 90 gal.	30700 110 gal.	31190 490 gal.	31950 760 gal.
Library	18680 320 gal.	19110 430 gal.	19370 260 gal.	19530 160 gal.	19870 140 gal.	19770 100 gal.	19890 120 gal.	20050 160 gal.	20200 150 gal.	20360 180 gal.	20610 250 gal.	20770 160 gal.
City Park & Cemetery	off 0 gal.	off 0 gal.	off 0 gal.	off 0 gal.	off 0 gal.	off 0 gal.	37180 0 gal.	37180 0 gal.	39290 2,110 gal.	39430 140 gal.	off 0 gal.	off 0 gal.
Street Dept Hyd	est. 2,000gal.	est. 15,000 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. 1,000 gal.	est. 2,000 gal	est. 2,000 gal	est. 2,000 gal.
Police Dept.	80580 3,020 gal.	81400 820 gal.	82260 860 gal.	83440 1,180 gal.	84560 1,120 gal.	85550 990 gal.	86580 1,030 gal.	87440 860 gal.	88270 830 gal.	89080 810 gal.	89950 870 gal.	90890 940 gal.
Street Dept.	55170 850 gal.	58000 830 gal.	58750 750 gal.	57660 910 gal.	58460 800 gal.	59210 750 gal.	59930 720 gal.	60740 810 gal.	61730 990 gal.	62660 930 gal.	63280 620 gal.	64270 990 gal.
Sanitation Dept.	48660 970 gal	50910 2,250 gal.	52380 1,470 gal.	53580 1,200 gal.	54370 790 gal.	54810 440 gal.	55340 530 gal.	56130 790 gal.	57200 1,070 gal.	57760 560 gal.	58420 660 gal.	58820 400 gal.
Water Dept.	307000 400gal.	308100 1,100 gal.	30900 900 gal.	310000 1,000 gal.	310500 500 gal.	310500 100 gal.	310500 0 gal.	312600 1,100 gal.	313000 400 gal.	314700 1,700 gal.	316300 1,800 gal.	316600 300 gal.
WWTP	6748280 19,000gal.	6763730 15,400 gal.	6778540 14,810 gal	6796090 17,550gal.	6841380 45,290 gal	6858440 17,060gal.	6872460 14,021 gal.	6880110 7,850gal.	6887620 7,150gal.	6889610 1,990 gal.	6890300 690 gal.	6891550 1,250gal.
Fire Dept.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.
Hydrants	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	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. ** 25,000 gal	est. ** 10,000 gal.	est. ** 2000 gal.	est. ** 5,000 gal.
MISC. (See Notes**)	est. ** 75,000 gal.	est. ** 20,000 gal.	est. ** 14,000 gal.	est. ** 20,000 gal	est. ** 150,000gal	est. ** 150,000gal.	est. ** 70,000 gal.	est. ** 18,000 gal.	est. ** 10,000 gal	est. ** 10,000 gal.	est. ** 10,000 gal	est. ** 20,000gal
* Water Salesman	7011000 0 gal.	7012500 1,500 gal.	7015000 2,500 gal.	7019000 4,000 gal.	7057000 38,000 gal.	7088000 31,000 gal.	7101000 13,000gal.	7125000 24,000 gal.	7131000 6,000 gal.	7139000 8,000 gal.	7157000 18,000gal.	7165000 8,000gal.
TOTAL	203,420 gallons	159,180 gallons	141,700 gallons	161,560 gallons	362,250 gallons	356,680 gallons	244,901 gallons	209,160 gallons	157,861 gallons	122,000 gallons	143,350 gallons	135,041 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 2020, MISC.> Service Line Leaks.
- February 2020, MISC.> Service Line Leaks 3 Froze Meters
- March 2020, MISC.> Service Line Leaks. Hydrant flushing.
- April 2020, MISC.> Service Line Leaks Cemetary water on for summer.
- May 2020, MISC.> Service Line Leaks / Hydrants, Water Dept, > flush hydrants > Water main hit by Bore Company
- June 2020, MISC. > Service Line Leaks 2 water main strikes due to boring .
- July 2020, MISC. > Service Line Leaks
- August 2020, MISC. > Service Line Leaks, Fixed 2 Incn main at Street Dept, 704 Gilson St fixed Service.
- September 2020 MISC> Service Line Leaks, Fixed Service line and 4in Main leak.
- October 2020 City Park and Cemetary water shut off for winter. Service line leak fixed bore company hit
- November 2020 Water Main Break 8in Transite Hit by Central Cable
- December 2020 Misc Service Line Leaks.

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