

# Elizabethton Water Resources Construction Report: Month Ending February 20, 2020

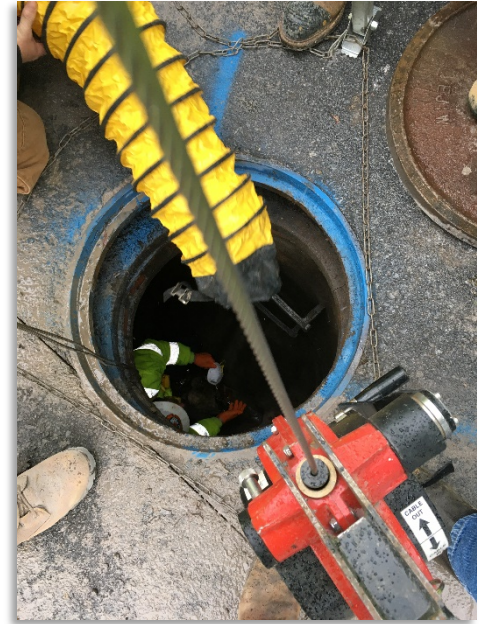
## Summary:

The department remained busy in February with routine work, responding to customer concerns, and most notably monitoring water levels during heavy rainfall events.

The line-laying crew has completed tie-overs on Bradley St. They are preparing to begin work Garland Branch Road where they will begin installing a 2" PVC main line. Leak crews have remained busy with routine work and the occasional emergency.

Two heavy rainfall events required a lot of the department's personnel to monitor the pump stations, observe manholes during overflow events, and respond to sewer backups. Personnel within the department rose to the task and worked around the clock to ensure that the safety of the public, and department procedures were maintained during the event. Crews also discovered a sinkhole in the bottom of a manhole near the corner of Bluefield Ave. and Ledford St. The sinkhole was repaired by crews as soon as conditions allowed.

Crews are beginning on the second phase of the Automated Meter Infrastructure Survey. This will consist of collecting attributing data for every meter in our system. The data collected is critical knowledge that will be used when determining the AMI system for our department.

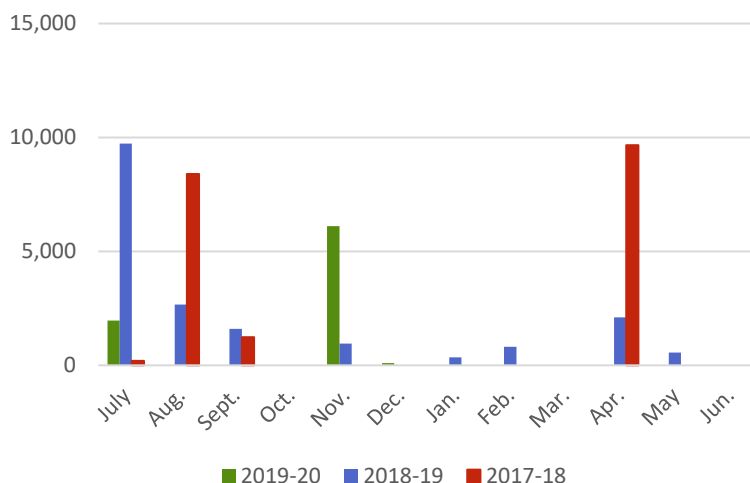


## WATER

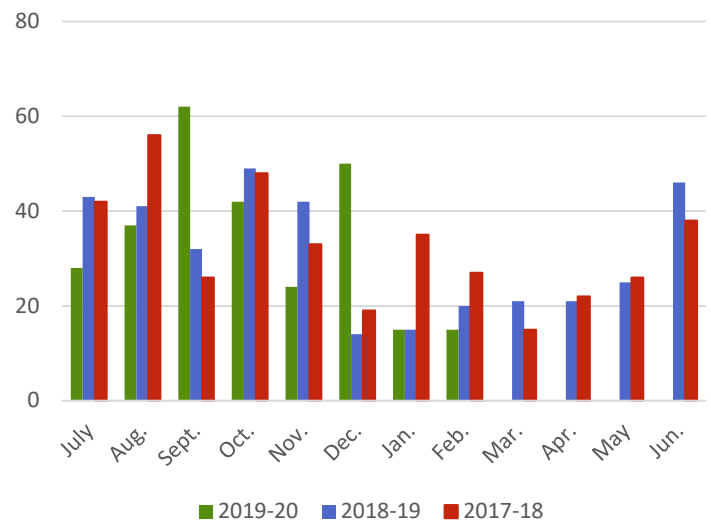
Distribution Data:	February 2018	February 2019	February 2020	Total 2017-18	Total 2018-19	To-Date 2019-20**
Galvanized Replaced/Taken out of Service (linear feet)	0	820	0	19,501	18,782	8,175
Large Diam. Replaced/Taken out of Service (linear feet)	---	0	0	---	1,785	4.5
Total Replaced/Taken out of Service (linear feet)	0	820	0	19,501	20,567	8,179.5
Estimated Gallons Lost for Leaks from Report Date to Repair Date	4,124,160	3,755,400	4,626,240	43,536,726	44,846,292	62,328,480
Total Leaks Repaired	27	20	15	387	369	273
Total Leaks False Reports	9	5	7	135	93	77
Total Leaks Left to Repair	5	11	26	---	---	---
Number of Meters Replaced	21	33	10	463	493	223
Customer Complaints	2	10	5	103	80	51
Overtime	47.00	51.50	30	949.25	678.75	523.75
Total Job Tickets	44	99	47	1,600	1,365	954

\*\*Most current corrected data as of 02/20/2020

Galvanized Line: Footage Removed from System



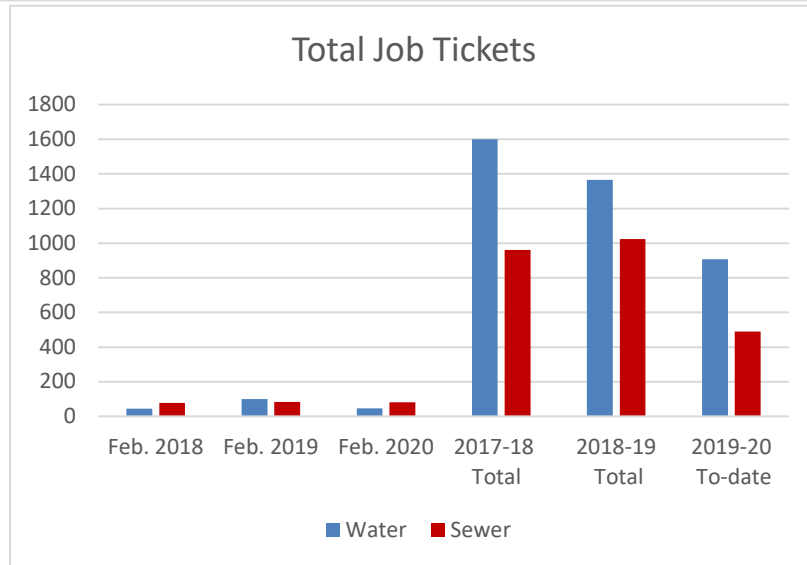
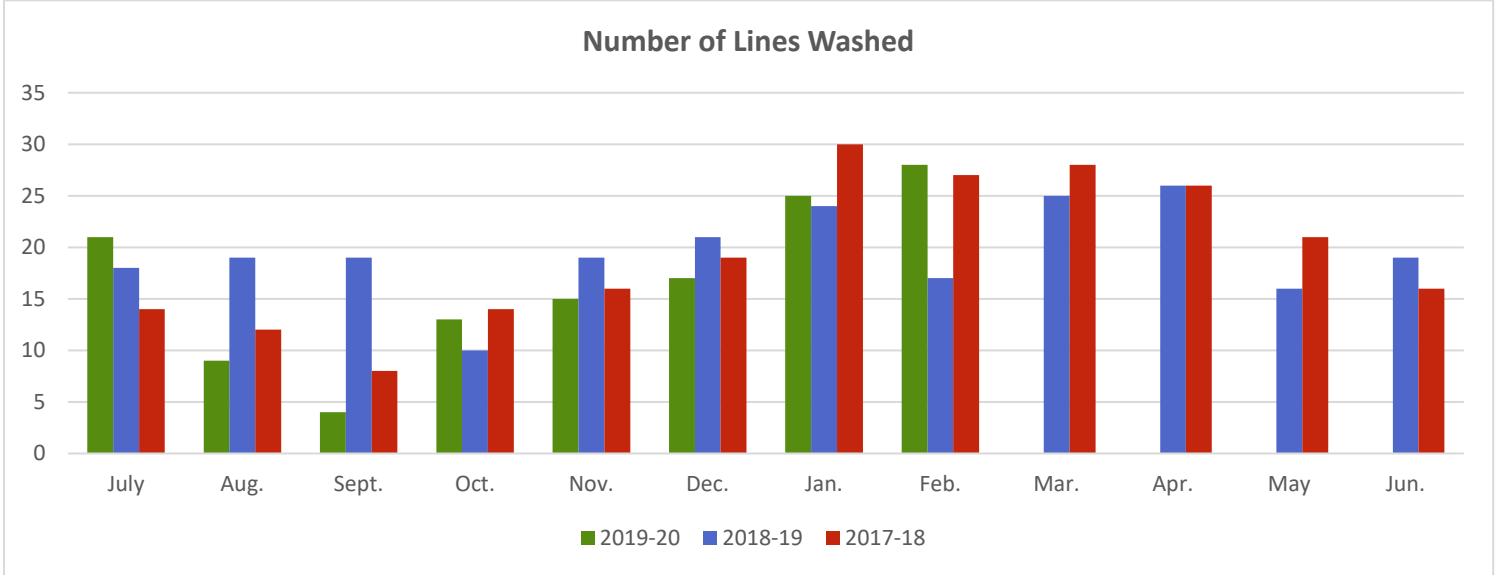
Leaks Repaired



**SEWER**

Collection Data:	February 2018	February 2019	February 2020	Total 2017-18	Total 2018-19	To-Date 2019-20**
Number of Lines Washed	27	17	28	231	233	131
Number of Lines Filmed	22	2	2	89	48	25
Footage Tested by Rapid Assessment Tool (RAT)	0	0	0	151,308	57,791	0
Total Number of Residential Pump Repairs	5	9	7	61	69	32
Total Number of Stop Ups	29	17	32	270	275	172
Overtime	66	102.5	245	845.25	899.25	889.05
Total Job Tickets	77	83	82	961	1,024	571

\*\*Most current corrected data as of 02/20/2020



Repair Data:	February 2018	February 2019	February 2020	Total 2017-18	Total 2018-19	Repaired To-date 2019-20**
Number of Yards Repaired	0	27	1	243	356	270
Total Number of Streets Repaired	0	4	0	231	89	129
Total Number of Sidewalks Repaired	0	0	4	31	23	36
Follow-up Repairs Outstanding	106	85	89	---	---	---

\*\*Most current corrected data as of 02/20/2020