

## Elizabethton Water Resources Construction Report: Month Ending June 28, 2021

**Summary:** Despite unusual challenges faced over the last year, the close of the 2020-21 FY has proved to be a success for the department. This is reflected by exceeding the target footage of old line removed from the system while overcoming Covid-related shortages along with the purchase and training of a new boring machine.

More specifically, the water line-laying crew has completed all customer tie-overs on Jobe Road and is progressing with follow-up work. From there they will go to West E. Street for a tie over project. This street is an example of one of the many areas where a large diameter main was installed, but all customers were not reconnected to it. Leak crews are managing the large volume of reported leaks for the month, with the most notable being a 10" main in Cherokee Industrial Park and a 4" main near Happy Valley High School that was damaged during an erosion mitigation project.

Concerning sewer, the first phase of the Riverside project has been completed. The second phase consisting of pumps and pressure line installation will commence after completion of the water line replacement. The camera crew is continuing to investigate lines ahead of the paving schedule, while also preparing to camera the main interceptor near Mill Race to assess its condition.



4" main line repair at Powder Branch and Milligan Highway.

### WATER

Distribution Data:	June 2019	June 2020	June 2021	Total 2018-19	Total 2019-20	To-Date 2020-21**
Galvanized Replaced/Taken out of Service (linear feet)	0	3,611	3,575	18,782	16,465	17,295
Galvanized Laterals Replaced (linear feet)	---	355	45	---	383	720
Other Laterals Replaced (linear feet)	---	192	121	---	8,351	1,516
Large Diam. Replaced/Taken out of Service (linear feet)	2,351	0	0	1,785	4.5	0
<b>Total Replaced/Taken out of Service (linear feet)</b>	<b>2,351</b>	<b>4,158</b>	<b>3,741</b>	<b>27,139*</b>	<b>25,203.5</b>	<b>19,531</b>
Total Leaks Repaired	46	26	28	369	361	326
Total Leaks False Reports	11	18	6	93	112	103
Total Leaks Left to Repair	31	37	32	---	---	---
Number of Meters Replaced	2	0	47	493	243	447
Customer Complaints	5	6	9	80	71	43
Overtime	51	97.25	50.5	678.75	778.75	653.5
Total Job Tickets	112	114	88	1,365	1,327	937

\*Lateral data added to reflect operational changes

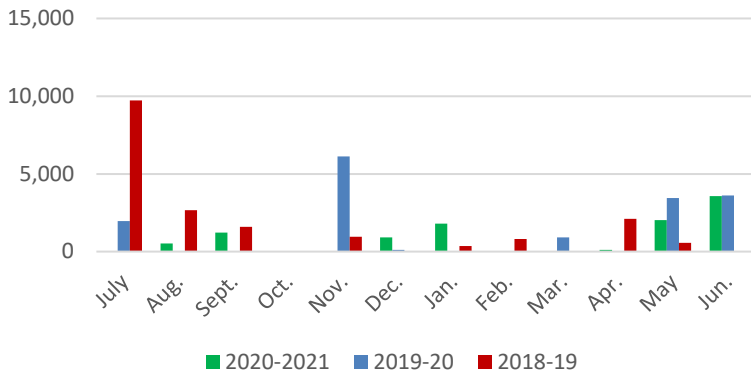
\*\*Most current corrected data as of 06/28/2021

### SEWER

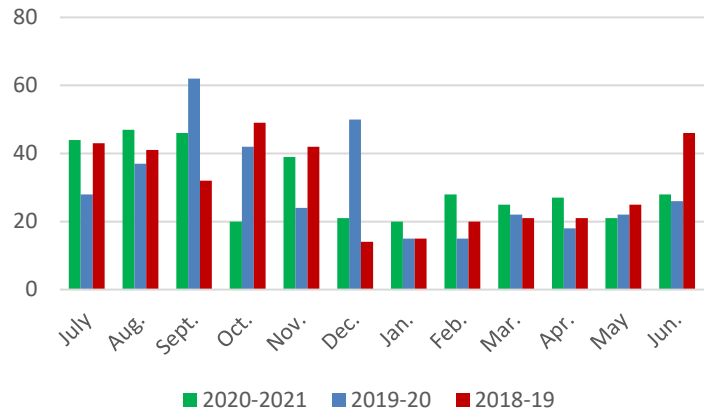
Collection Data:	June 2019	June 2020	June 2021	Total 2018-19	Total 2019-20	To-Date 2020-21**
Number of Sewer Lines Washed	19	19	20	233	211	242
Number of Lines Filmed	1	0	3	48	36	60
Footage Tested by Rapid Assessment Tool (RAT)	0	---	---	57,791	---	---
Total Number of Residential Pump Repairs	5	3	3	69	38	48
Total Number of Stop Ups	26	21	20	275	236	265
Overtime	19.50	19	72.5	899.25	1,126.05	1,021.05
Total Job Tickets	151	78	93	1,024	901	943

\*\*Most current corrected data as of 06/28/2021

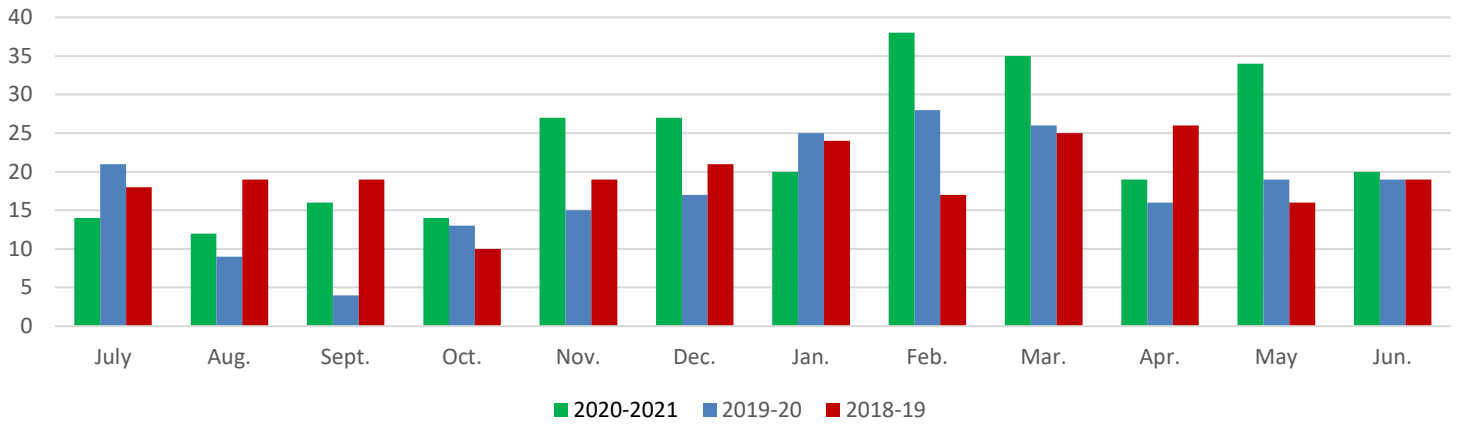
**Galvanized Line:  
Footage Removed from System**



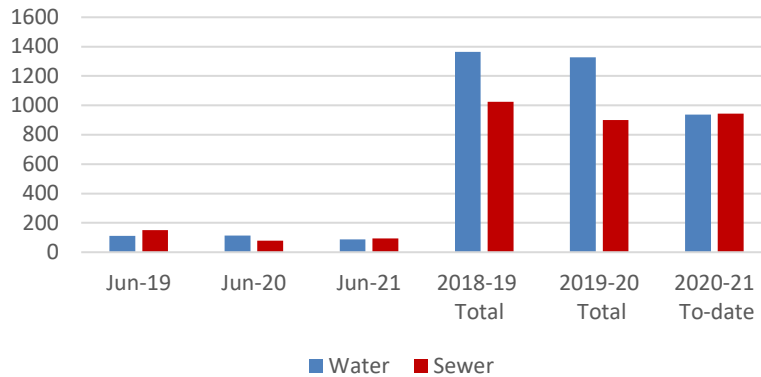
**Water Line Leaks Repaired**



**Number of Sewer Lines Washed**



**Total Job Tickets**



Repair Data:	June 2019	June 2020	June 2021	Total 2018-19	Total 2019-20	Repaired To-date 2020-21**
Number of Yards Repaired	24	9	18	356	362	274
Total Number of Streets Repaired	3	2	10	89	147	107
Total Number of Sidewalks Repaired	0	0	1	23	43	18
Follow-up Repairs Outstanding	123	67	98	---	---	---

\*\*Most current corrected data as of 06/28/2021