

Elizabethton Water Resources Construction Report: Month Ending April 23, 2020

Summary:

The department felt the effects of heavy rainfall once again this month. Even though the events were not as extensive as has been in previous months, department personnel worked tirelessly ensuring levels were monitored and maintained.

Crews are finishing tie-overs on Garland Branch from the new line installation, as well as on Southside Road where the City assumed customers from the South Elizabethton Water Department. The line-laying crew is making good progress on Horseshoe Drive where they are installing a new 2" main line. Both sewer and water crews are making progress disconnecting services for the Elk Avenue widening project; also, a large portion of follow-up work has been completed with the warmer weather.

Sewer crews have remained busy dealing with heavy rainfall as well as responding to the overflows and blockages that normally accompany them. Aside from their normal duties, crews also utilized cold patch in several areas to prevent gravel wash-out during heavy rains, where repairs were recently made.

The department is doing well abiding by the strict guidelines set in place regarding the COVID-19 pandemic. Crews are maintaining as much distance as possible and frequent thorough cleanings are occurring.



WATER

Distribution Data:	April 2018	April 2019	April 2020	Total 2017-18	Total 2018-19	To-Date 2019-20**
Galvanized Replaced/Taken out of Service (linear feet)	9,665	2,100	4	19,501	18,782	9,088
Galvanized Laterals Replaced (linear feet)	---	---	3	---	---	28
Other Laterals Replaced (linear feet)	---	---	0	---	---	8,159
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	995	38,496*	27,139*	17,279.5
Estimated Gallons Lost for Leaks from Report Date to Repair Date	1,140,720	1,764,150	2,424,960	43,536,726	44,846,292	77,679,990
Total Leaks Repaired	22	21	18	387	369	313
Total Leaks False Reports	8	6	8	135	93	91
Total Leaks Left to Repair	41	18	19	---	---	---
Number of Meters Replaced	37	45	8	463	493	237
Customer Complaints	10	2	2	103	80	59
Overtime	74.50	51.25	21.50	949.25	678.75	595
Total Job Tickets	185	106	86	1,600	1,365	1,109

*Lateral data added to reflect operational changes

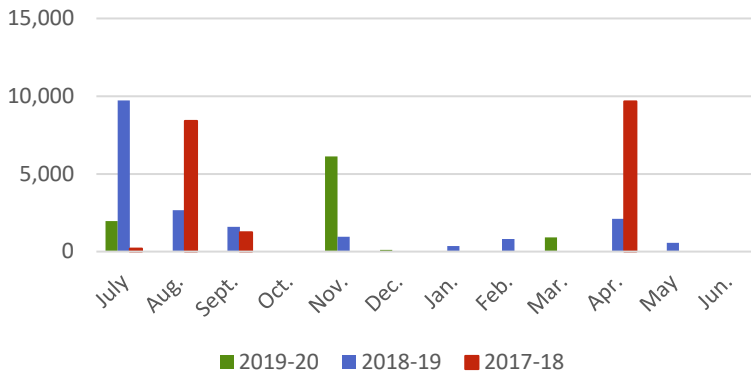
**Most current corrected data as of 04/23/2020

SEWER

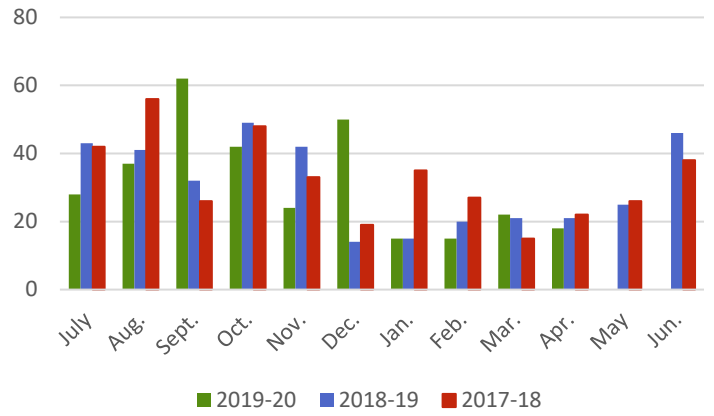
Collection Data:	April 2018	April 2019	April 2020	Total 2017-18	Total 2018-19	To-Date 2019-20**
Number of Lines Washed	26	26	16	231	233	173
Number of Lines Filmed	10	4	2	89	48	30
Footage Tested by Rapid Assessment Tool (RAT)	957	---	---	151,308	57,791	---
Total Number of Residential Pump Repairs	12	6	1	61	69	33
Total Number of Stop Ups	38	27	21	270	275	193
Overtime	225.00	72.00	126	845.25	899.25	1015.05
Total Job Tickets	181	89	79	961	1,024	743

**Most current corrected data as of 04/23/2020

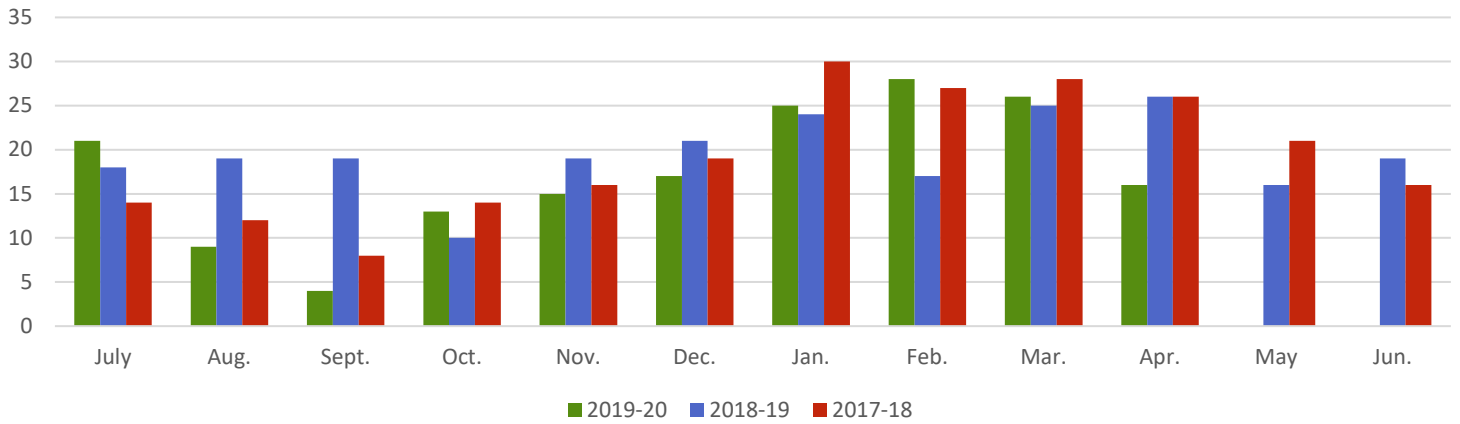
**Galvanized Line:
Footage Removed from System**



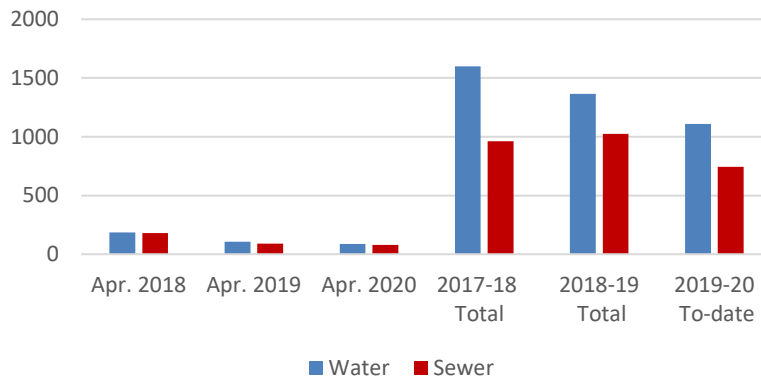
Leaks Repaired



Number of Lines Washed



Total Job Tickets



Repair Data:	April 2018	April 2019	April 2020	Total 2017-18	Total 2018-19	Repaired To-date 2019-20**
Number of Yards Repaired	24	28	29	243	356	320
Total Number of Streets Repaired	64	13	16	231	89	145
Total Number of Sidewalks Repaired	0	1	0	31	23	36
Follow-up Repairs Outstanding	92	68	117	---	---	---

**Most current corrected data as of 04/23/2020