

Collection System Activities

Tennessee 811 is the underground utility notification center for Tennessee and is not a goal driven task:

This is a service to provide utility locations to residents or commercial contractors. The 811 call system is designed to mitigate the damage to underground utilities, which each year, public and private utilities spend millions of dollars in repair costs. TN 811 receives information from callers who are digging, processes it using a sophisticated software mapping system, and notifies underground utility operators that may have utilities in the area. The owners of the utilities then send personnel to locate and mark their utilities.

Line Marking	FY 17-18	September	YTD 18-19
Tennessee 811	618	31	125

Alarm Response Goal:

Our goal is to reduce the number of responses through an ongoing, proactive maintenance program at the major lift stations. However, there are uncontrollable factors that create an alarm condition; such as high water levels due to large rain events, loss, power outages and/or loss of phase.

Lift Station Location	FY 17-18	September	YTD 18-19
Bethel Road	0	0	0
Marcie Ann	0	0	0
Quailwood	0	1	1
Williamson Road	0	0	0
Denson Lane Odor Control	2	0	2
Denson Lane Nitra-Nox Gallons	12,500	0	2,650
Williamson Road Sul-Fight Gallons	55	55	110

Qualwood pump station replaced power cable on pump.

System Repairs Goal:

The goal is to minimize failures with the major lift stations and the mainline gravity, low and high pressure force mains. We've been training key personnel over the last two (2) years on the proper operation and maintenance of the major lift stations. This program has been very successful in reducing the number of station failures. Some of our lift stations are either at or near their useful life. Therefore, we will continue to encounter equipment failures until the stations are replaced.

The mainline and service line repairs are mitigated in large part by the 811 line marking program. However, we do encounter residents or contractors that dig without notifying the 811 call center. Therefore, we have to make repairs and if the line break was due to negligence, I will send the responsible party a repair bill. In some cases, the breaks are due to weather and age.

Repairs	FY 17-18	September	YTD 18-19
Major Lift Stations	1	1	2
Mainline	2	1	1

Service Line	1	0	1
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Work Order Maintenance Response Goal:

The primary goal of the wastewater department is to provide fast, efficient and effective service to the City's approximately 2,000 utility customers. Dispatched and managed through our computer based work order system, staff responds to sewer related calls on a 24/7 basis. Our secondary goal is to manage the over 500+ mini-lift stations (grinder pumps) in our system using a proactive, programmatic approach. This is done by periodic scheduled maintenance. Additionally, the system has not been completely changed out from the prior two (2) generations of pumps. Thus, we have a large number of "change-outs" (C/O) as listed below.

Some of these change-outs can also be attributed to customer negligence (throwing foreign materials down the toilet). When abuse is the contributing factor, I will charge the cost of the pumps, panels and service costs to the customer.

Work Orders	FY 17-18	September	YTD 18-19
Grinder Tank PM Program	0	0	0
2000 to Extreme C/O	6	4	5
2000 to 2000 C/O	6	0	6
Extreme to 2000 C/O	1	0	1
Extreme to Extreme C/O	14	2	3
E-one to Barnes	7	0	3
Myers to Myers C/O	21	5	8
Barnes to Myers C/O	0	0	0
Hydromatic to Myers C/O	0	0	0
Discharge Assembly	10	2	2
Total Pumps Replaced	50	7	21
Low Pressure Service Requests	0	0	0
Gravity Service Requests	0	0	0
Inspection for New Service	4	1	1
Final Inspection for New Service	7	1	2
Sewer Service Calls	365	20	104
After Hour Sewer Calls	135	9	20
Odor Complaints	3	0	0

Major Lift Stations Repairs:

Lift Station repairs were as follows:

5/24/17 Williamson Road

scrap cable was hung in pump

4/24/18 Quailwood pumpstation installed Barnes

Staffing: The Public Works department has 8 full time employees.

PUBLIC WORKS STREETS

Total Hours Worked	FY 17-18	September	YTD 18-19
Street	136	0	136
Sewer	642	0	642
Facility Maintenance Total	814	0	814
Community Center / Parks	995	0	995
City Hall	95	8	88
Station 2	0	3	55
Fleet Maintenance	80	8	44
Meeting/Training	12	0	0
Leave	710	214	298
Holiday	448	48	90
Overtime	181	18	39
Administrative	0	0	0
Drainage Work (feet)	515	100	521
Drainage Complaints	9	1	4
Drainage Man Hours	193	14	124
Debris Removed Load	0	0	0
Good House Keeping (PW)	21	30	50
Sweeping Man Hours	9	2	12
Codes Abatement	18	10	46
Mowing Hours	44	31.5	128
Curb Repair	0	1	1
Shoulder Linear Foot	0	0	0
Shoulder Hours	0	0	0
Number of Potholes	18	0	18
Pothole Hours	88	6	22
R-O-W Hours	113	31.5	145
Sign/Repaired	24	3	56
Sign Work Hours	34	4	82
Salt Hours	60	0	0
Salt Tons	30	0	0
Water Disconnect/Reconnect	334	27	118
Assist Fire Dept.	0	0	0
Assist Police Dept.	22.5	0	0.0
City Event Banners/ City Sign	17	0	2

Sign Replacement:

Staff continues to go through the City and replace all of the missing signs. We have a high incidence of sign theft in the City. I had the crews start using anti-theft hardware, but now the vandals are bending the signs until they break way.

Public Works Special Projects:

The goal is to be reactive to special requests that are made from time to time either from the City Administrator or other departments.

Road Work Program:

The goal for this program is to maintain the City's right-of ways and drive lanes so they are free

1. Curb - repair concrete curbs
2. Shoulder - maintain shoulders with rock
3. Potholes - repair asphalt such as base failures and pothole patching
4. Potholes - man hours associated with potholes/asphalt work
5. Mowing - medians, right-of-ways and City owned properties
6. R-O-W - tree trimming and roadside vegetative management (weed spraying)
7. Signs - repair, replace and/or install signs within the City limits
8. Salt - winter weather road clearing and salting

SANITATION DEPARTMENT

Total Hours Worked	FY 17-18	September	YTD 18-19
Sanitation	0	0	0
Facility Maintenance	9	2	11
Fleet Maintenance	90	8	98
Meeting/Training	2	0	2
Leave	127	16	40
Holiday	246	16	24
Overtime	0	0	0
Administrative	0	0	0
Sweeping Man Hours	0	0	0
R-O-W Hours	0	0	0
Salt Hours	0	0	0
Salt Tons	0	0	0

Brush and Litter Control Program:

The goal of the brush collection and litter control program is to maintain an efficient collection service for the residents. In the past, residents have not been satisfied with the level of service that the department was providing. I believe that part of the perception is a function of the quantity of material placed out for collection. The City only operates two (2) trucks. One driver is dedicated to this task and will only perform other job duties if there is not any yard waste to collect.

Sanitation	FY 17-18	September	YTD 18-19
Brush Collection Stops	1,334	135	398
Brush Truck Loads	106	6	24
Bulk Items Stops	1030	61	222
Bulk Truck Loads	52	5	14
Leaves Pickup Bags	0	0	0
Brush/Bulk Hours	302	0	302
Litter Pickup Bags	2	39	39
Litter Pickup Hours	1	7	45

Sanitation Collection:

Bulk items and brush

Solid Waste	FY 17-18	September	YTD 18-19
Brush	214.00	0.00	214.00
Tons	247.13	10.93	44.84
Bulk Items	84.00	0.00	84.00
Tons	88.16	8.66	24.20
Tires Ton	2.69	0.00	2.69