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	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-17	Feb-18	Mar-18	Apr-18	May-18	Jun-18	YTD 17-18
Tennessee 811		52	43	82	40	33	33	47	34	65	77	74	38	618

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	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apl-18	May-18	Jun-18	YTD 17-18
Bethel Road														
Marcie Ann														
Quailwood														
Williamson Road														
Denson Lane Odor Control												2		2
Denson Lane Nitra-Nox Gallons		1,400	2100	1200	0	1400	1400	900	1400	0	1500	1200		12,500
Williamson Road Sul-Fight														
Gallons													55	55

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	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apl-18	May-18	Jun-18	YTD 17-18
Major Lift Stations												1		1
Mainline									1				1	0
Service Line													1	1

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	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	YTD17-18
Grinder Tank PM Program												N/A		0
2000 to Extreme C/O			1				1				1	3	1	7
2000 to 2000 C/O				1	1	1		1			1	1		6
Extreme to 2000 C/O								1						1
Extreme to Extreme C/O				3		1	1	3	3	2	1			14
E-one to Barnes				2						1	3	1	1	8
Myers to Myers C/O		1	2	2	2	1			5	2	2	4	1	22
Barnes to Myers C/O			1											1
Hydromantic to Myers C/O														0
Discharge Assembly		3		4					2		1			10
Total Pumps Replaced		1	4	8	3	3	2	5	8		7	9	3	53
Low Pressure Service Requests														0
Gravity Service Requests														0
Inspection for New Service					2						2			4
Final Inspection for New Service		1	1		2						2	1	1	8
Sewer Service Calls		29	40	38	32	27	23	34	45	32	27	38	39	404
After Hour Sewer Calls		3	14	19	4	16	13	13	11	15	9	18	8	143
Odor Complaints									1			2		3

Major Lift Stations Repairs:

Lift Station repairs were as follows: 5/24/17 Williamson Road scrap cable was hung in pump 4/24/18 Quaillwood pumpstation installed Barnes

<u>Staffing:</u> The public works department has 6 full time employees.

PUBLIC WORKS STREETS

Total Hours Worked	FY 17-18	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	YTD 17-18
Street		2	2	47.5		13		31	40					136

Sewer	65.5	68	76	84.5	109	56	51	66		58	8		642
Facility Maintenance Total	60	98	123	231.5	75	52	24	42			108.5		814
Community Center / Parks	52	98	115	207.5	57	52	24	44.5	130	106.5	108.5		995
City Hall	8		8	24	18			8	18	9.5	1	20	115
Station 2												1	1
Fleet Maintenance	8		10	10	8	10	10		8	8	8	8	88
Meeting/Training	4							8				18	30
Leave	136	57	40	32	200	24	54	32	47.5	87.5		48	758
Holiday	40		24		144	80	80		40		40		448
Overtime			35	16	36	26	26	24	18				181
Administrative													0
Drainage Work (feet)			215	200					100			200	715
Drainage Complaints			1	1	1			2			4	1	10
Drainage Man Hours		14	9	30				6	66.5	18	49	48	241
Debris Removed Load													0
Good House Keeping (PW)				4.5			4		8		4	4	25
Sweeping Man Hours		9										3	
Codes Abatement	5	4	3		1						5		18
Mowing Hours	27		7								10	124	168
Curb Repair													0
Shoulder Linear Foot													
Shoulder Hours													
Number of Potholes				12				6					18
Pothole Hours		2		4			20	2	20		40	9	97
R-O-W Hours	24	44	16	1	2				2		23.5	20	133
Sign/Repaired						7	4	7			6	5	29
Sign Work Hours					1	14	11	6			2	3	37
Salt Hours							60						
Salt Tons							30						
Water Disconnect/Reconnect	15	38.5	29	54	33	14	38		45	23	44	82	416
Assist Fire Dept.													0
Assist Police Dept.	22.5												23
City Event Banners/ City Sign	3		5	2		2	2	2	1			8	25

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 wither from the City Administrator of 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 from hazards.

- 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

Total Hours Worked	FY 17-18	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apl-18	May-18	Jun-18	YTD 17-18
Sanitation														0
Facility Maintenance			2				2	2	3					9
Fleet Maintenance		8		10	8	8	10	10	12	8	8	8	8	98
Meeting/Training									1.5					2
Leave		4	20		24	27	8	15	8	16	4	1	4	131
Holiday		8		8		24	24	166		8		8		246
Overtime														
Administrative														
Sweeping Man Hours													8	8
R-O-W Hours														
Salt Hours														
Salt Tons														

SANITATION DEPARTMENT

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	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr.18	May-18	Jun-18	YTD 17-18
Brush Collection Stops		146	215	175	108	57	60	21	24	121	93	84	230	1,334
Brush Truck Loads		10	19	15	11	5	8	1	3	12	7	15	12	118
Bulk Items Stops		114	87	102	116	164	100	73	82	84	108		156	1,186
Bulk Truck Loads		5	6	5	8	7	4	3	4	5	5		8	60
Leaves Pickup Bags														0
Brush/Bulk Hours		138	164											302

Litter Pickup Bags	45					42	10	2	99
Litter Pickup Hours	15				1	10	6	1	33

Sanitation Collection:

Bulk items and brush

Solid Waste	FY 17-18	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	YTD 17-18
Brush												214		214
Tons		20.21	43.77	38.63	21.7	14.32	21.92	2.96	7.46	26.72	17.89	31.25	21.87	269
Bulk Items												84		84
Tons		9.49	10.22	10.38	10.79	10.62	5.3	4.47	5.31	7.52	7.01	6.97	10.84	99
Tires Ton					1.32	0	0	0	0	0		1.37	0	2.69