

July 25, 2017 – Superintendent’s Report

ADMIN UPDATE: Performance Data for June 2017

	Year	June
WIMS unbilled-unmetered	2,405,000	765,000
CAR unbilled-metered water	8,101,977	233,208
Total Authorized Non-Metered Uses	10,506,977	998,208
Total Plant Production	666,141,000	125,726,000
Total Adjusted Production	655,634,023	124,727,792
Metered & Sold - Water Gallons	583,147,296	99,074,374
Cycle 1 Gallons	195,355,727	34,711,902
Cycle 2 Gallons	387,791,569	64,362,472
Cycle 1 volume charges	\$1,050,380.22	\$ 272,557.71
Cycle 2 volume charges	\$1,780,335.77	\$ 449,255.98
LU Monthly Water Revenue	\$2,830,715.99	\$ 721,813.69
Real & Apparent Losses	72,486,727	25,653,418
Avg Day Water Prod- MG	4.41	4.19
Sewer Flow to Treatment - ADS	1,246,567,000	166,482,000
Total Flow To Treatment	1,251,163,716	166,839,759
LU Billed Sewer Gallons	584,156,346	99,194,525
Cycle 1 Gallons	195,355,727	34,711,902
Cycle 2 Gallons	388,800,619	64,482,623
Cycle 1 volume charges	\$1,387,937.28	\$ 240,143.49
Cycle 2 volume charges	\$2,587,106.16	\$ 423,485.70
79th & Fall Creek Kroger Complex Flows	2,298,358	357,759
Monthly Treatment Charges	\$902,290.93	\$120,063.31

The month of June saw heavy rainfall yet again with 7.10 inches recorded. We are at 32.4 inches for the year with normal rainfall being about 44 inches. There are still 6 months to go in the year and a wet winter seems to be the forecast. This will mean heavy I&I impacts. There were 4 reported sewer spills for June 2017. Along those lines we have begun laying out sewer projects to get started yet this year with American Structurepoint. This year we will focus on Richardt Street between 48th and 46th in order to clean up this area and also reduce/eliminate sources of clear water. We chose this area because DPW is presently planning a storm water improvement project in this area that will require street excavation. Thus, in order to avoid at some point possibly tearing up new or relatively new pavement, we will seek to correct the sanitary sewer deficiencies in this area. In some area we have two sanitary sewer mains running parallel in the same area for no apparent reason and this is something that would be beneficial to correct. In addition, the sewers in this area are known to have defects needing attention with regard to both sewer main and manholes.

The Utility will also be bringing a Professional Services Agreement to the board at the first meeting in August in order to engage Shrewsberry & Associates to create a Utility Work Plan as is required per official notification from Hanson Professional Services, the engineer for the Franklin Road Reconstruction Project. Per the letter, we are required to have the work plan submitted by October 6, 2017. LU staff has conducted field work necessary to provide in-situ information concerning the water and sanitary sewer assets located within the project area and our preferences for resolution of conflicts.

Letters to four contractors seeking to ascertain willingness to provide quotes for the Lawrence Park Ditch Restoration Project were sent out on July 20th. These were sent to Poindexter Excavating, IRE, Inc., Williams Creek and Cardno-JF New. Contractors interested in providing quotes will be provided with the contract specifications and other exhibits electronically. We have asked for expressions of interest by August 4th and our goal is to have this work under contract this year in order to meet the deadline for completion of January 9, 2018.

The plant effluent meter at Indian Lake WTP has been relocated per contractor's recommendation in order to maximize upstream and downstream pipe lengths to improve meter accuracy. This work was accomplished by LU personnel.

Operational Data:

SANITARY SEWER SYSTEM

- Routine maintenance on lift stations and grinder pumps.
- Routine daily activities.
- Maintaining grounds around Lift Stations.

LOCATES/LEAK LOCATING/VALVE TURNING/HYDRANT MAINTENANCE/INSPECTIONS

- Routine line locates and inspections as needed.
- Routine valve exercising & fire hydrant inspections.
- Performed routine flushing of water mains from Post Rd – West, inside City limits from 10:00pm to 6:00am, July 16th – July 20th to keep water quality as high as possible in City where the older water mains are located.

WATER DISTRIBUTION

- Routine water main/service line repairs.
- Maintaining street cuts until final restoration can be made.
- Performing yard restorations and concrete repairs from Utility work.
- Maintaining grounds at Richardt Maintenance Shop.
- Performed routine flushing of water mains from Post Rd – West, inside City limits from 10:00pm to 6:00am, July 16th – July 20th to keep water quality as high as possible in City where the older water mains are located.

WATER PLANT/WELL ACTIVITY

- Routine daily activities and maintenance on Water Treatment Plants.
- Maintaining Grounds around Water Treatment Plants.

BILLING ADJUSTMENTS:

8327 Carloway Rd. customer is requesting an adjustment in the amount of \$356.97 due to a water forced sump pump malfunction where the water did not enter the sanitary sewer. We recommend approval.