

CUMBERLAND SANITARY SEWER UTILITY BOARD

December 6th, 2017 at 6:00 P.M.

1. CALL TO ORDER

6:00 p.m.

2. ROLL CALL

Utilities Assistant Katelynn Ernsting called roll with David Lahey, Anna Pea and Bill McLaughlin in attendance. Also in attendance was the Streets Superintendent Ben Lipps, Town Manager April Fisher, and Town Attorney Dan Taylor.

3. CONSIDERATION OF MINUTES

*November 1st, 2017 Minutes—Approved 3-0 with a motion made by Lahey and a second from McLaughlin.

4. PUBLIC COMMENTS (Please limit comments to 5 minutes maximum)

James Deener- Muessing Apartments Owner- Came in in May about Sewer rates, he is being charged 2 inch pipe x 26. He spoke with Steve Yagelski who spoke with the rate consultant. Ben Lipps spoke with Andrew Gordan from Wessler Engineering about changing Chapter 50 in the Town Code. Ben will be speaking with the Town Rate Consultant about the change.

5. FINANCIAL REPORT

* Invoices More Than \$5,000

Wessler- \$5055.93- Autumn Woods 3 – Sanitary Construction Observation
Astbury- \$8,334.00- Class 3 Certified Operator Oversight
Astbury- \$5,445.00- Geotextile Container Bags & Polymer

* Claims Register—Approved 3-0 with a motion made by Lahey to approve Invoices over \$5,000 as well as the Claims Register and a second from McLaughlin.

6. OPERATIONS UPDATE

Gem Sanitary

- BBC Pumps has set and end of year meeting to review of all outstanding work and future projects
- BBC installed a new pump at the Briarwood Trace lift station
- BBC is still working on lift station checks. 5 out of 7 were completed
- Operations are within satisfactory levels
- Katelyn Reported the following delinquencies:
 - 6% of sewer are delinquent - 40
- GEM North Plant:
 - Plant is at 59% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 220,000 gals.
 - Average Daily Flow was 117,800 gals.
- GEM South Plant:
 - Plant is at 15% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 20,000 gals.
 - Average Daily Flow was 15,400 gals.

Cumberland Sanitary

“The Town of Cumberland acknowledges its responsibility to comply with the Americans with Disabilities Act of 1990. In order to assist individuals with disabilities who require special services (i.e. sign interpretive services, alternative audio/visual devices, and amanuenses) for participation in or access to Town sponsored public programs, services, and/or meetings, the Town requests that individuals make requests for these services at least forty-eight (48) hours ahead of the scheduled program, service, and/or meeting. To make arrangements please contact Christine Owens, Director of Planning & Development at (317) 894-6202 or planner@town-cumberland.com.”

Permit Required Monitoring

All sampling and analysis was completed in accordance with the NPDES permit. The monthly average Ammonia Nitrogen concentration was 8.5% of the permit limit, the Total Suspended Solids concentration was 38% of the permit limit, and the cBOD concentration was 15.6% of the permit limit. We are continuing to monitor Total Phosphorus daily on the influent and effluent. The monthly average influent phosphorus was 5.30 mg/L and the effluent was 3.28 mg/L. The percent removal was 38.1%.

One sample for E. coli tested above the permit limit. However, the permit allows to drop 1 sample result for every 10 collected, so no violation had to be reported.

The area received approximately 2.4 inches of precipitation during the month. The daily max discharge volume was 0.5287 MGD compared with the daily average design flow of 1.5 MGD and a maximum daily flow of 4.0 MGD. The facility discharged a total of 15.914 million gallons for an average daily flow of 0.5134 MGD, which is 34% of capacity.

Sludge Management and Disposal

The current level of the digester is fairly low and we have not needed to process sludge in the past few weeks. Sludge wasting has decreased now that we have the solids levels back within an optimal range. Solids concentrations are checked regularly and wasting is adjusted as needed. Our plan is to continue thickening the digester so that there is enough thickened sludge for the centrifuge startup.

Maintenance and Repairs

We are continuing our efforts to get caught up on deferred maintenance tasks and have made quite a bit of progress. The facility is operating much more efficiently and effectively than it was at the beginning of the year.

- The UV disinfection system has been shut down for the year. The lamp modules were pulled, cleaned and moved to the pipe gallery for storage.

The following are updates to the previously identified issues:

- Aqua Aerobic has been approved to complete a Plant Wellness Program for the facility. This will include 2, 2-day site visits. One visit will consist of a going through the mechanical equipment of the SBR. The second visit will focus on process and system operations. We will give an update once the visits have been scheduled.
Both visits have been completed. We are currently waiting on the report from the mechanicals visit. This will be forwarded as soon as we receive it from Aqua Aerobic.
- The level sensors in the SBR tanks are not always accurate. We plan to have Aqua Aerobics staff onsite sometime in the near future to go through all facets of the facility. This situation has not affected the treatment process.
The new tank level sensors have been installed and are working excellent. We were able to have them installed prior to the mechanicals visits and re-set the programming while their technician was onsite.
- The centrifuge rotating assembly is back and in storage on site. We need to get the Polymer mixing system replaced prior to start up. The polymer system has been ordered. Once we have an estimated ship date, we will coordinate with Andritz for the re-commissioning on the centrifuge and installation of the new controls.
- The alarm system upgrade was approved by the board and we have scheduled Maxim Automation to get the new system setup.
The initial setup has been completed. Final programming should be completed within the next week.
- Mary Reported the following delinquencies:
 - 7%
 - 143 customers - 2020 bills - \$8,996.77 Delinquent total
 - Filed sewer liens to:
 - Marion County - 62 - Total \$12,176.10
 - Hancock County - 38 - Total \$7,571.91

7. OLD BUSINESS

- Tabled Suez/United water invoices—Approved 3-0 with a motion made by Lahey to table invoice with a second from McLaughlin.
- Noelting Estates Sewer Agreement—Approved 3-0 with a motion made by Lahey to approve the contract with Elite Land Development with a second from McLaughlin.

8. NEW BUSINESS

None

9. BOARD MEMBER COMMENTS

None

10. FUTURE AGENDA ITEMS

Possible bids from Astbury
United Water Invoice

11. ADJOURNMENT

6:25 p.m.