

CUMBERLAND SANITARY SEWER UTILITY BOARD

May 3, 2017 at 6:00 P.M.

Minutes

1. CALL TO ORDER

6:06 p.m.

2. ROLL CALL

Utilities Office Assistant Katelynn Ernsting called roll with Ana Pea, and David Lahey present. Also in attendance was Town Attorney Dan Taylor and Director of Utilities Steve Yagelski.

3. CONSIDERATION OF MINUTES

* March 1, 2017 Minutes (No meeting in April)

--Approved 2-0 with a motion made from Lahey and a second from Pea.

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

James Deaner, 915 N. Muessing, Apartments, Non Resident.—Water bill inconsistencies. Recent notification that each unit of the 26 units will be billed at the 2 inch metered base rate even though each unit is only one bedroom and one bathroom, single occupancy.—Consult rate consultant about base rate for Cumberland Apartments.

5. FINANCIAL REPORT

* Invoices More Than \$5,000 – Henry P. Thompson -- UV Lamps & parts -- \$13,060.37

-- BBC Pump – OmniSites for lift stations -- \$7,208.00

(Approved at March 1 meeting)

-- Wessler – WWTP evaluation -- \$6,355.89 & \$6,859.35

-- Astbury Water Tech – blower relocation -- \$5,358.40—Approved 2-0 with a motion from Lahey that all four invoices approved with a second from Pea.

* Claims Register— Approved 2-0 with a motion from Lahey to approve the claims register after review from Pea.

6. OPERATIONS UPDATE

GEM Sanitary –

- Carl reported:
 - North Plant's Plant #1 main blower breaker was replaced.
 - Village Green Lift Station experienced a Pump 1 & 2 fail alarm. BBC Pump reset the contactors and relocated the fog rod further away from the well wall.
 - Fluid Waste Services cleaned Plant 1's surge tank at the North Plant
 - BBC Pump will be replacing the corroded piping in the splitter boxes at the North Plant and has found a source for replacement of the rusted walkway grating.
 - Fire extinguisher inspection has been completed.
 - He participated in a pre-construction meeting for the Sugar Creek Township Fire House in front of the North Plant. Final plans have yet to be submitted to the Town.
- Steve has informed the Indiana Dept. of Environmental Management of the temporary process changes being made to accommodate the blower repair and the centrifuge maintenance.
- Steve has provided a letter confirming sanitary service availability for Meadow Lake Estates Section 4.
- The Utility is awaiting the testing samples for the DMR-QA Study 37 for both the North Plant and the South Plant.
- Through March 2017, there are 195 new connections to the GEM Sewer Utility since its purchase.

“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.”

- GEM North Plant:
 - Processed 3,578,000 gals of sewage.
 - Plant is at 78% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 926,000 gals.
 - Average Daily Flow was 155,600 gals.
- GEM South Plant:
 - Processed 640,000 gals of sewage.
 - Plant is at 28% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 34,000 gals.
 - Average Daily Flow was 27,800 gals.

Cumberland Sanitary –

- Astbury Water Technology’s Nick Dezelan, Cumberland WWTP personnel, and Steve continue to work with the insurance adjusters and their investigation into the blower fire on January 6.
- BBC Pump is repairing non-potable water pumps #1 and #2, which had failed. Pump #3 also has failed and has been replaced with a new pump. BBC is determining the extent of damage on Pump #3.
- Astbury personnel reported:
 - Daily monitoring for Total Phosphorus has started on the influent and effluent. In March the WWTP average influent was 2.85 mg/L and the effluent was 1.75 mg/L, which is above the effluent permit requirement of 1.0 mg/L.
 - The UV disinfection system contractor was onsite and identified the hydraulic wiping system is inoperable, the intensity sensors on both banks failed, the lower level shut off had previously been removed and needs to be re-installed, and the lamps and quartz sleeves need to be replaced.
 - The second Aerzen blower failed when the motor wiring shorted out. The backup blower was put on line and kept the plant operational until Aerzen reps could arrive to make the repairs.
 - The centrifuge damage to the rotating assembly was reported by Andritz as more severe than initially thought. Repairs are underway, but the return is not anticipated until September.
 - The D.O. probes in the SBR tanks were sent for repair. The electrodes reportedly had not been changed in 5 or 6 years and should have been replaced every 12 to 18 months. The new sensors were upgraded to a model that are supposed to last 5 to 7 years and only require routine cleaning and annual calibrations. The new sensors are installed and working properly.
 - The new SBR blower is anticipated to ship in June. We are working with the manufacturer to expedite an earlier delivery.
- Steve has received notice from IDEM that the sanitary sewer service construction permit has been issued for Autumn Woods Section 3.
- Cumberland experienced an overflow incident in early March when a buried manhole was discovered leaking due to a debris blockage in the discharge pipe. The situation was reported to IDEM and repaired by H&H Construction.
- IDEM has issued a noncompliance letter to Peer Food for not submitting an application for an industrial waste water permit.
- Cumberland WWTP:
 - Processed 29,009,000 gals of sewage.
 - Plant is at 62% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 1,665,000 gals.
 - Average Daily Flow was 935,800 gals.

7. OLD BUSINESS

- A motion was made from Lahey and a second from Pea to approve the payment to BBC pump in the amount of \$6193.00.
- A motion was made from Lahey and a second from Pea to table the invoice in the amount of \$11,837.55 to Suez, as well as removal from claims from the past two months.

8. NEW BUSINESS

- * Consideration of Wessler Engineering proposal for phosphorus removal evaluation -- \$26,500—Approved 2-0 with a motion from Lahey and a second from Pea. Lahey also moved to have President Pea be signatory.
(tabled at March 1 meeting)
- * Purchase of UV equipment and supplies from Astbury Water Technology—Approved 2-0 with a motion from Lahey and a second from Pea.
- * Change in rates consideration to provide for early filling of swimming pools—Approved 2-0 with a motion from Lahey and a second from Pea to recommend to the council to append sewer rate to enable early filling of swimming pools.

9. BOARD MEMBER COMMENTS

None

10. FUTURE AGENDA ITEMS for the June 7, 2017

Rate Study

11. ADJOURNMENT

7:02 p.m.