

CUMBERLAND SANITARY SEWER UTILITY BOARD

February 1, 2017 at 6:00 P.M.

Minutes

1. CALL TO ORDER

6:13 pm

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

* January 18, 2017 Minutes—Approved 2-0 with a motion made by Lahey and a second from Pea.

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

Chuck Cooper, 4674 W. Waterway Dr., expressed his concern about Waste Water fees for customers of the GEM Utility.

Harold Gibson, 321 N. State St., sought Board approval on proposed plan for Noelting Estates sewer services with reduced coverage.

Terri Sall, 745 S. Summerhaven Ct., resident had questions about Gem Sewer Utility rates.

5. FINANCIAL REPORT

* Invoices More Than \$5,000 – None

* Claims Register—Not available for consideration.

6. OPERATIONS UPDATE

GEM Sanitary –

- Carl reported:
 - North Plant, South Plant, and all lift station are operating without incident.
 - New employee Michael Irving Jr. started his training.
 - The circuit board for the Omni Site alarm system at Havens Lift Station was replaced with an updated model.
 - Plant 2 at Gem North had a return activated sludge pipe clogged. Fisk was called to pump out the primary hopper in the clarifier and the problem was resolved.
 - BBC Pump is scheduled to do the inventory on all of the Gem lift stations.
- Through December 2016, there are 185 new connections to the GEM Sewer Utility since its purchase.
- GEM North Plant:
 - Processed 3,028,000 gals of sewage.
 - Plant is at 69% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 163,000 gals.
 - Average Daily Flow was 137,600 gals.
- GEM South Plant:
 - Processed 290,900 gals of sewage.
 - Plant is at 13% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 16,000 gals.
 - Average Daily Flow was 13,200 gals.

Cumberland Sanitary –

- Steve received the final NPDES Permit for Cumberland. Its effective date April 1. Steve met with Astbury and Town employees to review the upcoming major changes which include:

“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.”

-- An interim and final phosphorus limit. The Utility was granted a 36-month compliance schedule from April 1st to meet the new treatment requirement unless the final effluent limitation can be met at an earlier date. Progress reports on the compliance schedule are required at 6 months, 14 months, 23 months, 32 months, and 35 months.

-- A non-delegated pretreatment program that requires:

- Within 30 days of the effective date – a review of the sewer use ordinance;
- Submission of the ordinance to IDEM within 90 days;
- Provision of sufficient resources and qualified personnel to implement the pretreatment program;
- Implement a monitoring program for all significant industrial users (SIU) within 30 days;
- Measure the volume of flow, and sample and analyze all SIU discharges no less than twice per calendar year for all parameters in the industrial wastewater pretreatment permit with the exception of total toxic organics which must be sampled and analyzed no less than once per calendar year;
- Inspect each SIU no less than once annually;
- Establish a file for each SIU;
- Develop and submit an Enforcement Response Plan (ERP) to IDEM within 90 days and within the following 60 days, implement the plan;
- Conduct an industrial survey at a minimum frequency of once every two years;
- Submit an annual report by April 1 annually.

- Steve and Cumberland WWTP personnel continue to work with the insurance adjusters and their investigation into the blower fire on January 6.
- United Water reported the following December issues in plant operations and the collection system:
 - German Church Lift Station control circuit fuse was blown again. A replacement control panel is on order.
 - Buck Creek Lift Station alarmed for power failure. The entire area lost power for 1.5 hours, but no overflows occurred.
 - The polymer pump was rebuilt for the centrifuge.
 - Non-potable pump #2 tripped. BBC Pump was called in to service the pump under warranty.
 - The main SCADA computer was down but re-booted ok. Precision Controls troubleshoot and repaired the logged alarm pages.
 - SBR #2 blower fault alarm would not reset. Pristine Electric was called to troubleshoot and determined the magnetic starter overload is bad. A replacement was ordered.
 - No. 1 mixer failed causing an SBR system alarm. The Pristine Electric determined the magnetic starter/overload failed and a replacement part is on order.
 - SBR Blower #3 alarmed three (3) times on December 23, but a cause was not determined. The alarm was ok after three (3) resets.
 - Pristine Electric installed a new trip/overload contactor for #1 mixer and the unit was placed back in service.
 - The panel view for the centrifuge was not working and the Suez instrumentation department was called in to look at the unit. The personnel removed the panel view the next day for return under warranty.
 - Pristine Electric installed a new motor/trip overload contactor for #2 SBR blower.
 - Suez said the maintenance costs through December have totaled \$82,150.62.
- Cumberland WWTP:
 - Processed 24,446,000 gals of sewage.
 - Plant is at 52.6% capacity for actual flow vs. design.
 - Maximum Daily Flow day was 1,085,000 gals.
 - Average Daily Flow was 789,000 gals.

7. OLD BUSINESS

* Consideration of Wessler Engineering Sewer Ext. Study Agreement Addendum—Approved 2-0 with a motion from Lahey and a second from Pea to approve 600 W. Extension study for \$3000. Also to amend to have the president sign.

8. NEW BUSINESS

Equipment Update at Cumberland WWTP—Approved 2-0 with a motion from Lahey and a second from Pea to declare emergency and for Steve to proceed with necessary action.

* Rate Study—Consent by Lahey to proceed.

9. BOARD MEMBER COMMENTS

None

10. FUTURE AGENDA ITEMS for the March 1, 2017

Update on centrifuge, blower, and new permit requirements

11. ADJOURNMENT

7:03 pm