

Town of Hillsborough Water & Sewer Commission
October 14, 2021 Meeting Minutes

Meeting called to order 6:00 p.m. Present were Commissioners Peter Mellen, Chris Sieg and Dave Lewis; Cody Boisvert – water system operator; Paul Dutton – wastewater system operator; and, Penny Griffin, Administrator.

Also in attendance were Andy Malone – OSRAM Facilities Manager; Jeremy Lindh – OSRAM EHS Specialist; Al Lelise – OSRAM Corporate Environmental & Safety Manager; Ken Bolin, PE, GZA GeoEnvironmental – Engineering consultant for OSRAM; and Cole Melendy, PE, Underwood Engineers – Engineering consultant for the Commission.

Cole Melendy began discussions by giving a brief history and overview of data OSRAM has submitted since their new Industrial User Permit (IUP) went into effect September 2020. A series of graphical data for various parameters was also included. Cole Melendy noted that the Commissioners had requested the meeting to discuss how OSRAM proposes to resolve the ongoing violations of copper limits set in their IUP. Ken Bolin reviewed the steps OSRAM has taken to resolve the copper issue conceding that none of the efforts have completely resolved the issue. OSRAM informed the group that two process lines will be discontinued in December. Ken Bolin continued to advise the group of further steps OSRAM intends to take to attempt to resolve the issue.

A discussion was held regarding the amount of copper in the water supply. Cody Boisvert stated that the copper content has been found to lie below laboratory detection limits (i.e. non-detectable) from tests conducted on water samples taken at the point of entry into the distribution system; he further explained that the copper on the 2021 Consumer Confidence Report (CCR) Ken Bolin had previously alluded to as a possible cause of their issue, is not result of the water samples from the system but rather results of water samples from various homes. Cody Boisvert related that those copper levels can be caused by corrosion of household plumbing systems and copper tubing services. Cole Melendy believes that OSRAM needs to move past a belief that the water supply as the cause and focus on collecting more data to try and pinpoint their source of elevated copper.

Current data being collected by both the Town and OSRAM were discussed. Cole Melendy provided copies of the Town's information on hand to Ken Bolin; it was requested that OSRAM forward copies of their collected data to the Town in excel format for review as they had nothing to submit at this meeting. It was noted that the OSRAM groundwater extraction system contributes the highest flowrate discharge to the sewer from the OSRAM facility. Chris Sieg noted that the graphical data shows that aluminum and lead also show similar peaks and valleys when compared with the copper content in test data. This observation should be reviewed by continued testing.

Ken Bolin requested that he would like to understand more about how the Town's local limits were created. Cole Melendy noted that a previous engineering firm had created the local limits for the Commission and therefore, he does not have that information. Cole Melendy stated that the Commission is currently collecting data needed to review the current Hillsborough wastewater local limits for aluminum, copper and lead now that the new WWTF NPDES permit has been issued as suggested by Alexis Rastorguyeff, PE, Industrial Pretreatment Supervisor at NHDES, Water Division, Wastewater Engineering Bureau.

All agreed with the plan for OSRAM to continue collecting data and test additional sampling points to identify the source and cause of the violating copper levels and providing copies of all data to the Commission for review. The Commission will continue collecting the data for the upcoming local limits review. The group will meet again in February 2022 for an update.

7:45 pm Andy Malone – OSRAM Facilities Manager; Jeremy Lindh – OSRAM EHS Specialist; Al Lelise – OSRAM Corporate Environmental & Safety Manager; and Ken Bolin – Engineer for OSRAM, GZA Engineering left the meeting.

Paul Dutton advised the group that Michael Cobb of EPA has contacted him to discuss the participation of the Hillsborough wastewater facility in the new NPDES General Permit Number MAG580000 and NHG580000. Paul Dutton stated that Michael Cobb advised that we have the option of participating in the General permit or to continue with our recently issued permit that does not expire for another 2 ½ years. A decision must be made by December to "opt into" the new General Permit. The two permits were discussed. The Commissioners agreed to have Cole Melendy review the information, contact Michael Cobb to discuss and then report the impact back to the Commission to make a decision.

A discussion was held regarding water samples inside the OSRAM facilities. It was agreed to have Cody Boisvert contact Andy Malone at OSRAM to arrange times to collect water samples within the facility as that information would be beneficial.

8:10 pm Cody Boisvert and Cole Melendy left the meeting.

Paul Dutton reported that the Department of Labor had completed their inspections of the water and sewer facilities. There were some items that need addressing such as marking low overhead areas and confined spaces. A full report will be submitted to the Town office.

Paul Dutton notified the Commissioners that a pump at the Bear Hill pump station is not working correctly, and he will be installing a new one. He noted that the new one will require some alterations to the existing wiring in the pump station as the wiring is a little different on the new one.

8:35 pm Paul Dutton left the meeting

The group briefly discussed the site walk at 147 East Washington Road to observe the trees the property owner has reported need removal. All agreed to continue discussions on this topic once the complete reports and proposals are submitted by the property owner for review.

Commissioner Peter Mellen reported that he has spoken with Geof Browning regarding the painting of the water treatment facility trim and Mr. Browning expects to complete the painting by the end of October.

The Commissioners reviewed and authorized the following:

- 2021 AP Vouchers #18 W=\$20,241.26 S=\$11,857.91
- 9/28/2021 Meeting Minutes
- Timecards

Commissioner Chris Sieg motioned to adjourn the meeting. Commissioner Dave Lewis seconded the motioned.

All voted in favor.

Meeting adjourned 9:00 pm

Respectfully submitted,

Penny Griffin, Administrator

Water and Sewer Commissioners Meeting Minutes
Approved by:

Date:

Peter Mellen, Chairman

Chris Sieg

Dave Lewis
Water and Sewer Commissioners