

**CITY OF CEDARBURG
PUBLIC WORKS AND SEWERAGE COMMISSION
November 14, 2024**

A regular meeting of the Public Works and Sewerage Commission of the City of Cedarburg, Wisconsin, was held Thursday, November 14, 2024. This meeting was held at Cedarburg City Hall, W63N645 Washington Avenue, lower level, room 2. The meeting was called to order at 7:00 p.m. by Mayor Thome.

Roll Call: Present – Mayor Patricia Thome, Terry Wagner, Rick Verhaalen, Tim Larson, Nick Janous, Charlie Schumacher, Council Member Robert Simpson

Excused - Bob Dries, AJ Hester

Also Present - Director of Engineering Michael Wieser, Superintendent Dennis Grulkowski, Administrative Assistant Theresa Hanaman

STATEMENT OF PUBLIC NOTICE

Administrative Assistant Theresa Hanaman confirmed that proper legal notice of the meeting had been given.

APPROVAL OF MINUTES

Commissioner Schumacher made a motion, seconded by Commissioner Verhaalen, to approve the minutes of September 12, 2024. The motion carried unanimously with Commissioner Dries and Commissioner Hester excused.

COMMENTS AND SUGGESTIONS FROM CITIZENS-NONE

NEW BUSINESS

DISCUSSION ON ALGAE ON CITY-OWNED PONDS; AND ACTION THEREON.

Director Wieser noted this item was added due to a public comment that was made at the September meeting. After conducting research on pond algae and discussing the issue with surrounding communities, Director Wieser compiled the following list of possible solutions:

1. Limit fertilizer use in the surrounding area. The phosphorus from fertilizers that enters the pond is likely a major cause of algae growth.
2. A buffer strip of taller vegetation surrounding the pond can help filter the runoff before it enters the pond. Buffer strips would likely need to be at least 35 feet wide to be effective.
3. Algae can be physically raked off the pond. This is very labor intensive and would likely need to be done monthly in the summer.

4. Install a fountain/aerator. Fountains are often referred to as aerators but are mainly decorative since they are only moving water near the surface, and only clear a radius around the fountain/aerators. The City had a couple of fountains/aerators in the past and has since gotten rid of them due to excessive maintenance costs.
5. Treatment with EPA-registered algicides/herbicides is likely the best solution for preventing algae growth. Treating the ponds would require a DNR permit and would likely require working with an application company.

Director Wieser has found there to be no effective solution for pond algae that is also practical for the City at this time. The City maintains 13 ponds and any action taken on one pond the City must be prepared to do on all the ponds. Pond algae can be fairly complicated and not all solutions work in every situation.

Commissioner Verhaalen suggested adding a berm around the ponds; however, this would undermine the purpose of the Storm Storage Pond. Mayor Thome is not in favor of using an algicide. Council Member Simpson proposed using fire department training exercises to spray water into the ponds. The Public Works and Sewerage Commission recommended monitoring the ponds closely next summer.

CONSIDER A CONTRACT PROPOSAL FROM RAMBOLL TO COMPLETE A STABILITY ANALYSIS FOR THE WOOLEN MILLS DAM; AND ACTION THEREON.

Director Wieser explained that NR 333 requires that a stability analysis be completed and approved by the WDNR before the design of the Woolen Mills Dam repairs. Director Wieser requested and received a proposal from Ramboll to complete the stability analysis for a fee of \$62,950.

Ramboll is continuing to work on finalizing the dam break failure analysis for the Woolen Mills Dam, which was required by the WDNR in late 2020. The results of the failure analysis will dictate to what extent an increase in capacity might be required and thus the extent of dam repairs and/or modifications. Due to this slow-moving process, the WDNR has been issuing extensions to the dam grant as needed.

Commissioner Wagner made a motion, seconded by Commissioner Larsen, to approve the contract proposal from Ramboll to complete a stability analysis for the Woolen Mills Dam for \$62,950. The motion carried with Commissioner Verhaalen voting nay, and Commissioner Dries and Commissioner Hester excused.

CONSIDER A CONTRACT PROPOSAL FROM AECOM TO COMPLETE AN OPERATION AND MAINTENANCE PLAN FOR CITY-OWNED STORMWATER FACILITIES; AND ACTION THEREON.

In April of 2023 the WDNR performed an audit to evaluate the City's compliance with the Municipal Separate Storm Sewer System (MS4). After the audit, the WDNR required the City to create an O&M plan for the city-owned stormwater facilities (underground storage devices, wet detention basins, stormceptors, and roadside swales). Director Wieser requested and received a proposal from AECOM to complete the O&M plan for a fee of \$9,055.

The City's current MS4 permit expired in 2018. Director Wieser has received a draft of the next MS4 permit. The next permit will require new written policies and upgrades to the storm sewer system to reduce phosphorus and total suspended solids (TSS).

Commissioner Larson made a motion, seconded by Commissioner Schumacher, to approve the proposal from AECOM to complete an operation and maintenance plan for city-owned stormwater facilities at the cost of \$9,055. The motion carried unanimously with Commissioner Dries and Commissioner Hester excused.

REVIEW ENGINEERING DESIGN CONTRACT FOR THE 2025 STREET AND UTILITY PROJECT.

Due to CL&W replacing lead water services as part of the 2025 Street and Utility Project, Director Wieser decided to forgo the typical RFP process for the engineering design and obtain a price from RA Smith.

RA Smith has submitted a total price of \$41,000 for the engineering design on the 2025 Street and Utility Project. The cost of the lead service replacement design is included in a separate contract with CL&W. Director Wieser went on to explain that the price for engineering design on the 2024 project was \$39,000. On previous projects, the engineering design was between 3.5% and 5% of the road construction budget number. This price came in at 3.83% of the road budget.

The 2025 project includes the reconstruction of Evergreen Boulevard (Bridge to 85' north of Pine), Jackson Street (Washington to Hilgen), Hilgen Avenue (Jackson to Hamilton), Fillmore Avenue (Garfield to Hamilton), Alyce Street (Interurban Trail to Washington), Fairfield Street (Washington to Termini), and Layton Street (Washington to Termini).

Evergreen Boulevard, Jackson Street, Hilgen Avenue, Fillmore Avenue, Alyce Street, Fairfield Street, and Layton Street will receive new asphalt pavement and base from curb to curb, with spot replacement of defective concrete curb & gutter and sidewalk. The water main and water/sewer laterals will be replaced on Evergreen Boulevard. The water main, sanitary sewer main, and water/sewer laterals will be replaced on Jackson Street and Hilgen Avenue.

Due to time constraints to get the project started before winter weather, this item was taken to the Common Council.

REVIEW OF PUBLIC INPUT AND CONCEPT PLANS FOR SOUTH WASHINGTON DESIGN ALTERNATIVES

Director Wieser updated Commissioners that a letter was sent in late August to 93 residents and businesses along the South Washington corridor to notify them of the South Washington Design Alternatives project. The letter contained a link that showed the two concept plans and a link that led to a survey for public input. A total of 7 responses were received with 6 of the 7 preferring Alternative 1, which is to keep the roadway layout the same as existing. The Police Chief and Fire Chief also prefer keeping the roadway layout the same as the existing one.

Kapur completed the two full-length concept alternatives that were decided on at the June meeting. The first concept alternative is the same as the existing layout and the second concept alternative is one lane in each direction with a shared left turn lane down the middle and adding medians in a few choice locations.

Director Wieser stated at the October 28th meeting, the Common Council decided to go forward with Alternative 1 leaving the roadway layout the same as existing.

REPORTS

UPDATE ON PUBLIC WORKS OPERATIONS

Public Works has been working on leaf pickup and setting up the Santa Claus house.

UPDATE ON WATER RECYCLING PLANT OPERATIONS AND DISCUSSION OF MONTHLY REPORTS

Superintendent Grulkowski updated the Commissioners that the flow is currently down and renovations for the Kenzie lift station will begin on Monday, November 18, 2024. Additionally, they are progressing on the ditch project. There is a job opening listed due to a recent employee departure, and another employee is on FMLA for paternity leave.

IDENTIFY FUTURE AGENDA ITEMS

As part of the Washington Avenue road project, Superintendent Grulkowski would like the sanitary sewer to move to the east side of Washington Avenue. At present, the sewer line is situated within the tree terrace. Relocating it will ensure better accessibility.

ADJOURNMENT

A motion was made by Commissioner Schumacher, seconded by Council member Simpson to adjourn the meeting at 7:53 p.m. The motion carried unanimously with Commissioner Dries and Commissioner Hester excused.

Theresa Hanaman
Engineering and Planning Administrative Assistant