

PUBLIC WORKS AND SEWERAGE COMMISSION
November 9, 2023

PWSEW20231109-1
UNAPPROVED

A regular meeting of the Public Works and Sewerage Commission of the City of Cedarburg, Wisconsin, was held Thursday, November 9, 2023. This meeting was held at the Cedarburg City Hall, W63N645 Washington Avenue, upper level, Council Chambers. The meeting was called to order at 7:00 p.m. by Mayor O'Keefe.

Roll Call:	Present-	Mayor Michael O'Keefe, Rick Verhaalen, A.J. Hester, Bill Oakes, Terry Wagner, Council Member Robert Simpson (arrival 7:28 p.m.)
	Excused-	Charlie Schumacher, Bob Dries
	Also Present-	Director of Engineering Michael Wieser, Cedarburg Water Recycling Center Superintendent Dennis Grulkowski, Public Works Superintendent Joel Bublitz, Administrative Assistant Theresa Hanaman

STATEMENT OF PUBLIC NOTICE

At Mayor O'Keefe's request, the Administrative Assistant Theresa Hanaman verified that notice of this meeting was posted and distributed in compliance with the Wisconsin Open Meetings Law.

APPROVAL OF MINUTES

Motion made by Bill Oakes, seconded by Council Member Hester, to approve the minutes of September 14, 2023. The motion carried unanimously with Commissioner Schumacher and Commissioner Dries excused.

COMMENTS AND SUGGESTIONS FROM CITIZENS

No comments or suggestions were offered at this time.

CONSIDER TRAFFIC CONTROL SIGNAGE FOR FOX RUN DEVELOPMENT ON WESTERN ROAD, AND ACTION THEREON

Director Wieser stated approximately half of the Hanover Avenue extension as part of the Fox Run Development, has been paved and the rest will be paved by the end of the construction season. The City will need to erect the street signs and traffic control signage. A stop sign is proposed on Hanover Avenue at Western Road and on all side streets that enter onto Hanover Avenue. A stop sign with an added "Except Right Turn" sign is proposed for westbound traffic at the Hanover Avenue and Grattan Drive T-

intersection. The Developer will be billed for the cost of all street name and traffic control signage outside of the Hanover Avenue right-of-way and the City is responsible for all signage within the Hanover right-of-way.

With the number of homes and size of Fox Run, Commissioner Oakes questioned if there would be any speed bumps proposed due to the building's proximity to one another and possibly using the road as a thoroughfare. Director Wieser explained that the 36' face of curb to face of curb makes the road wider allowing for more room and less of a hazard for parking and traffic.

Commissioner Hester made the motion to approve the traffic control signage for the Fox Run Development. Seconded by Commissioner Verhaalen. The motion was carried unanimously with Commissioner Schumacher and Commissioner Dries excused.

CONSIDER REQUEST TO RESTRICT PARKING ON THE NORTH SIDE OF HAMILTON ROAD FOR 100 FEET SOUTHEAST OF THE EAST RIGHT-OF-WAY LINE OF WASHINGTON AVENUE FROM 6:00AM TO 9:00 AM ON WEEKDAYS; AND ACTION THEREON

The Commission approved prohibiting parking on the north side of Hamilton Road 100 feet southeast of the east right-of-way of Washington Avenue at the May meeting. When taken to the Common Council it was suggested that this parking restriction be only during church services (6 am to 9 am). Staff has met with a representative from St Francis Borgia Church, and they agree with this parking restriction during church services. Church services are Tuesday through Friday at 7:00 a.m. and Monday through Saturday at 8:00 a.m.

Director Wieser suggests restricting parking from 06:00 a.m. to 9:00 a.m. daily, instead of only on weekdays.

Commissioner Oakes confirmed there would be no change to the handicap parking.

Commissioner Oakes made the motion to approve restricted parking from 6:00 a.m. to 9:00 am. daily on Hamilton Road. Seconded by Commissioner Hester. The motion was carried unanimously with Commissioner Schumacher and Commissioner Dries excused.

DISCUSSION ON THE RECOMMENDED ALTERNATIVE FOR THE WATER RECYCLING CENTER FACILITY PLAN; AND ACTION THEREON

Director of Engineering Wieser explained Donahue & Associates was hired to perform the WRC Facility Plan, which will assist in decision making on the WRC. The areas of need identified in the WRC Facility Plan are Permit Compliance, Peak Flow Management, Facility Condition, Treatment Capacity, and Biosolids Management. The two alternatives to address these needs are upgrading and expanding the existing WRC plant or construction of a new facility on Pioneer Road.

A draft of Chapter 5 was given to the Commissioners and lists the improvements needed for each alternative to meet the City's needs. Appendix B lays out the probable construction costs for each alternative. As you can see the Total Present Worth is \$82,276,000 for upgrading and expanding the existing WRC plant and \$119,572,000 for the construction of a new facility on Pioneer Road.

A recommended alternative will need to be chosen to lay out the recommended implementation plan, user rate impacts, and finish the facility plan. Once the alternative is selected then the City can go into planning, summary, implementation, staging and recommendation on how to implement.

Wastewater Engineer Nathan Cassity, with Donahue & Associates attended the Public Works and Sewerage Commission meeting and gave a short presentation and answered questions. Given the age of the Wastewater Facility built in 1988 with upgrades in 1999 there are stringent limits of phosphorus and increasing capacity needs related to growth and peak flows regarding storms. The handling of bio solids is managed now but leaves a lot of risk. Donohue & Associates planned a report for an alternative upgrade to the current Wastewater Facility and an alternative for a new Wastewater Facility located on Pioneer Road. The needs, treatment, and performance come with many items that would need to be addressed to reliably treat for the next 20 years.

Superintendent Grulkowski ran some estimated numbers regarding rate model for fees. Using numbers that Mr. Cassity prepared, its estimated funding from 2.5% to 3.5 % for the 83,000,000 is \$27 per 1,000 or \$3.97 per day. On the other side 125,000,000 is \$37.58 per 1,000 or \$5.10 a day for the homeowner.

Mayor O'Keefe questioned the life expectancy for the new Wastewater Facility versus the existing Wastewater Facility.

Wastewater Engineer Cassity said the existing parts are at different ages for operating. The core of the existing facility is in fairly good shape and could last 20-40 years before replacing. Other important parts need to be renewed and would not work over 20 years. For planning purposes, the life expectancy for general structures and new buildings is 50 years and any equipment is 20 years, with room to grow.

Superintendent Grulkowski stated there is no room at the current plant for bio solids. The City would no longer have to rely on hauling bio solids out and taking them to another site. There would be two force mains to send sludge, one to send sludge out to the new facility and one to bring the clear supernatant back to the existing facility. Superintendent Grulkowski also mentioned the City would need to hire one additional staff member to maintain the new biosolids operation at the Pioneer site. Currently there are electrical issues, ditch couplings and bearings from the aerator keeps blowing, and equipment failure.

Mayor O'Keefe questioned what our neighboring communities such as Mequon and Grafton are doing with their wastewater and if it was logistically feasible to join another

community. Would there be an advantage or cost saving if we combined with other communities.

Superintendent Grulkowski expressed that Mequon is currently sending their wastewater to Milwaukee Metropolitan Sewer District but with expansion in Mequon they may have to send it elsewhere. Grafton was open to discussion of possibly sending some of their wastewater to the City. With a new facility it is possible that the City could accept sewage from Mequon but then there is a possibility that it would become a regional sewerage district if we partnered with another community.

Commissioner Hester made a motion to approve the new Wastewater Facility for the Common Council consideration. Seconded by Commissioner Wagner. The motion was carried unanimously with Commissioner Schumacher and Commissioner Dries excused.

UPDATE ON PUBLIC WORKS OPERATIONS

The crew is almost done with the leaf pickup and will be wrapping it up in the next two weeks.

Current projects are setting up for Festive Friday's, setting up the Santa House, and Christmas Tree decorating.

The mastic machine was out and there was nothing available to rent.

Completed manholes and testing section on Washington Avenue.

Key cards information is being sent out in steps to residents via signage at Yard Waste Facility, an email blast, Facebook, and Light and Water statements.

UPDATE ON WATER RECYCLING PLANT OPERATIONS AND DISCUSSION OF MONTHLY REPORTS

The Water Recycling Plant operations were discussed during agenda item 6C. Second year of adaptive management plan-first year we have results. Removed about 651 lbs. of phosphorus, the goal was 584 lbs. Last year five Farmers, next year nine total for incentive.

The department is working on the upkeep of equipment, rebuilding an electrical motor, and replacing bearings and couplings.

IDENTIFY FUTURE AGENDA ITEMS

None

ADJOURNMENT

Motion made by Commissioner Oakes, seconded by Commissioner Verhaalen to adjourn the meeting at 8:05 p.m. The motion was carried unanimously with Commissioner Schumacher and Commissioner Dries excused.

Theresa Hanaman
Administrative Assistant