

Meeting of the Commissioners of the Madison Metropolitan Sewerage District

Thursday, Nov. 29, 2018 at 8 a.m.

District Maintenance Facility Training Room, 1610 Moorland Road, Madison, WI 53713

Present:

- Commissioner Tom Hovel
- Commissioner Angela James
- Commissioner Ken Clark
- Commissioner Sara Eskrich (via GoToMeeting)
- Commissioner James Martin
- Commissioner Ezra Meyer
- Commissioner Brad Murphy
- Commissioner Mary Swanson
- Commissioner Tom Wilson

Commission Meeting

1. Opening

- A. Call to Order 8 a.m.
- B. Welcome Guests: Greg Fries, City of Madison
- C. Announcements: None.

2. Appearances by the Public: None.

3. Consent Calendar

- A. Approval Meeting Minutes from **11-15-2018**
- B. Review and Approval of Sewer Extension Plans
 - Redtail Ackers Subdivision (2018-11-29-R1)
 - SWI Haywood Drive Replacement (2018-11-29-R2)

Discussion: Approval of meeting minutes from 10-11-2018 and review and approval of a sewer extension plans (2018-10-25-R1 and 2018-11-29-R2) were reviewed and placed on file.

Action: Commissioner Meyer moved, seconded by Commissioner Martin to approve items A and B of the consent calendar.

Motion carried 9-0.

4. Review and Approval of Force Main Inspection Contract

Presenter: Project Engineer II, Eric Hjellen

Description: Review and approval of resolution (2018-11-29-R3) approving the force main inspection contract.

Discussion: Mr. Hjellen presented information to the commission regarding the background, financial impact, analysis, options and next steps.

Action: Commissioner Wilson moved, seconded by Commissioner James to adopt resolution (2018-11-29-R3).

Motion carried 9-0.

5. Chief Engineer and Director's Report

A. CED Update

Mr. Mucha gave an update on the recent high flow events and infrastructure resiliency, upcoming commissioner reappointments, OIG Biosolids report and Shop One.

B. Shop One Update

Ecosystem Services Director, Martye Griffin gave a brief update on the Shop One project.

C. Operations Report: Operations Manager Alan Grooms gave a report on October plant performance and flow data.

D. Capital Projects Report: Engineering Director, Bruce Borelli gave a brief update on current capital projects.

E. Regulatory and Legal Review: Legal Counsel for the district Paul Kent gave a short update on legal business.

F. Future Meeting Schedule

Action: None.

9. Future Agenda Topics

Action: None.

10. Other Business by Law

Action: None.

11. Adjournment

Action: Commissioner Wilson moved and Commissioner James seconded to adjourn the meeting.

Motion carried 9-0 at 10:03 a.m.

Regular Meeting of the Commissioners

Nov. 29, 2018

Angela James, Secretary

Future Meetings:

Thursday, Jan. 17, 2019

Thursday, Jan. 31, 2019

Thursday, Feb. 14, 2019



**REDTAIL ACKERS SUBDIVISION
2018-11-29-R1**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (“the district”) for Redtail Ackers Subdivision, in the City of Middleton, on Nov. 15, 2018, by Ryan Quam of Quam Engineering, and

WHEREAS, the project consists of installing 1,051 feet of 8-inch diameter sanitary sewer on Magdalene Lane, Green Valley Way and Redtail Pass, and provide service to lots 1-15 and outlots 1-4 of the unrecorded plat of Redtail Ackers Subdivision, and

WHEREAS, outlots 1, 2 and 4 of the unrecorded plat of Redtail Ackers subdivision are designated to be used for private stormwater purposes and are recognized by the Capital Area Regional Planning Commission (CARPC) as being within an environmental corridor, and will not receive sanitary sewer service, and

WHEREAS, the proposed sanitary sewer extension will connect to City of Middleton’s sanitary sewerage facilities and is within the district’s Nine Springs Valley Interceptor/Mendota extension basin, and

WHEREAS, plan review fees are due, and

WHEREAS, the district has received a sewer extension review letter #6-18-30_revised from the Capital Area Regional Planning Commission dated Nov. 21, 2018 stating the CARPC staff has reviewed the proposed extension and determined that it is consistent with the urban service area provisions of the “Dane County Water Quality Plan” and the “Dane County Land Use and Transportation Plan” and consistent with the conditions of Resolution DCRPC No. 334, which added this area to the Central Urban Service Area, and

WHEREAS, the chief engineer and director of the district has recommended the approval of said plans,

THEREFORE, BE IT RESOLVED, that the plans for sanitary sewer extensions for Redtail Ackers Subdivision, in the City of Middleton, submitted on Nov. 15, 2018, by Ryan Quam of Quam Engineering, be approved subject to the following conditions:


1. That the City of Middleton shall pay the plan review fee of \$1,425 to the district within 30 days of receiving an invoice for the fee.
 2. That outlots 1, 2 and 4 of the unrecorded plat of Redtail Ackers Subdivision are exempted from conveyance facility and treatment plant connection charges.
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3. That prior to connection of the proposed sewers serving the lots to the public sewerage system, the City of Middleton shall have paid to the district the sum of \$9,244.32 for payment of \$6,640.97 in Nine Springs Valley Interceptor/Mendota extension conveyance facility connection charges and \$2,603.35 in treatment plant connection charges for the lands to be served; said lands being lots 1-15 and outlot 3 of the unrecorded plat of Redtail Ackers Subdivision.
 4. That if lot areas shown on the final, recorded plat of Redtail Ackers Subdivision differ from the unrecorded plat submitted to the district for approval, additional conveyance facility and treatment plant connection charges may be due from the City of Middleton.
 5. That payment of the aforementioned connection charges shall be made to the district within six months of the date of approval of this resolution. If payment in full is not received by the district within six months of approval, the approval shall become void and new plans shall be submitted.
 6. That conveyance facility and treatment plant connection charges are adjusted from time to time and said connection charges will be due based on the rate in place at the time at which the payment is made.
 7. That if said connection charges remain unpaid after construction of said sewer extensions, a late fee of 0.5 percent of the amount due shall be charged to the City of Middleton for each month or partial month thereafter following connection. A one-time \$500 administrative fee shall also be charged.
 8. That the City of Middleton shall require the presence of an engineer or an inspector on the construction of said sewer extensions who shall make a record showing in detail the construction as built and shall furnish the district with as-built plans in the case of any significant deviations from the original design.
 9. That the construction, operation, maintenance and use of said sewer extensions shall be in accordance with the lawful rules and regulations of the district and with the applicable State of Wisconsin plumbing and sewerage codes.
 10. That if construction of the sewer extensions covered by said plans has not commenced within four years following the approval date of this resolution, this approval shall become void and new plans shall be submitted. If construction has commenced but has not been completed within the four-year approval period, the unbuilt portion must be submitted for reapproval if it is a significant portion of the project and would require DNR approval.
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The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Nov. 29, 2018.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



Angela James, Secretary



**DISTRICT SOUTHWEST INTERCEPTOR HAYWOOD DRIVE REPLACEMENT
2018-11-29-R2**

WHEREAS, the Madison Metropolitan Sewerage District (“the district”) has determined that a replacement of a segment of the Southwest Interceptor in the vicinity of Haywood Drive is necessary, and

WHEREAS, plans and specifications for the district Southwest Interceptor Haywood Drive Replacement have been prepared for the district by Mark Kolczaski of Baxter & Woodman Consulting Engineers, and

WHEREAS, the project was identified in the district “Collection System Facilities Plan Update, 2011” and the facilities plan was approved by the Wisconsin Department of Natural Resources (DNR) in July 2012, and

WHEREAS, the project will install 1,509 feet of 8-inch, 12-inch and 36-inch diameter sanitary sewer on Haywood Drive, Park Street, and within a sanitary sewer easement, in coordination with a City of Madison street reconstruction project. Construction of the sanitary sewer is anticipated to begin in early 2019 and conclude in June of 2019, and

WHEREAS, the district has received a sewer extension review letter #6-18-49 from the Capital Area Regional Planning Commission (CARPC) dated Sept. 21, 2018 stating the CARPC staff has reviewed the proposed extension and determined that it is consistent with the urban service area provisions of the “Dane County Water Quality Plan” and the “Dane County Land Use and Transportation Plan”, and

WHEREAS, Section 200.11(b), Wisconsin Statutes states “The commission shall prepare and by resolution adopt plans and standards of planning, design and operation for all projects and facilities which will be operated by the district, or which affect the services to be provided by the district”, and

WHEREAS, the chief engineer and director of the Madison Metropolitan Sewerage District has recommended the approval of said plans,

THEREFORE BE IT RESOLVED, that the plans for the district Southwest Interceptor Haywood Drive Replacement, prepared for the district by Mark Kolczaski of Baxter & Woodman Consulting Engineers, be approved subject to the following conditions:

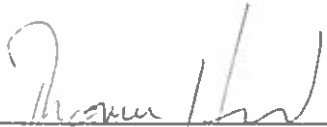


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1. That the construction, operation, maintenance and use of said sewer extensions shall be in accordance with the lawful rules and regulations of the district and with the applicable State of Wisconsin plumbing and sewerage codes.
 2. That if construction of the sewer extensions covered by said plans has not commenced within four years following the approval date of this resolution, this approval shall become void and new plans shall be submitted. If construction has commenced but has not been completed within the four-year approval period, the unbuilt portion must be submitted for reapproval if it is a significant portion of the project and would require DNR approval.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on Nov. 29, 2018.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



Angela James, Secretary





**REVIEW AND APPROVAL OF FORCE MAIN INSPECTION CONTRACT
2018-11-29-R3**

WHEREAS, Madison Metropolitan Sewerage District (the “district”) prepared a force main condition assessment plan on Oct. 9, 2017 and,

WHEREAS, \$100,000 was budgeted for costs associated with the force main condition assessment in the district’s 2018 and 2019 operating budgets and,

WHEREAS, district staff has negotiated a professional services agreement (PSA) with Pure Technologies, Inc., to inspect the district’s Pumping Station 6 Force Main and the district’s two Pumping Station 7 Force Mains utilizing Pure Technologies SmartBall® platform and,

WHEREAS, the inspection work will take place in 2018 and 2019 and,

WHEREAS, the negotiated cost of the PSA is within the combined 2018 and 2019 budgeted amount of \$200,000 for force main condition assessment and,

WHEREAS, inspection of the Pumping Station 6 and 7 Force Mains using Pure Technologies SmartBall® platform is consistent with the Oct. 9, 2017 force main condition assessment plan and,

WHEREAS, Pure Technologies is the sole source for the SmartBall® platform technology and,

WHEREAS, no other known in-pipe technology exists to provide the locational accuracy and anomaly detection proved by the Smartball® platform and,

WHEREAS, adequate budget remains after the PSA to provide for additional ancillary costs associated with the 2018 and 2019 force main inspection and,

WHEREAS, district staff recommends authorization to execute the PSA.

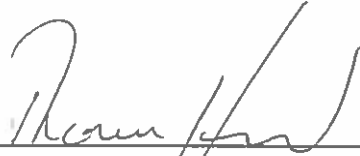
NOW, THEREFORE, BE IT RESOLVED by the Madison Metropolitan Sewerage District Commission, and following consideration of the above recitals which are incorporated by reference, as follows:

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1. The commission authorizes execution of the PSA with Pure Technologies, Inc. for the 2018 and 2019 force main mapping and inspection utilizing the SmartBall® Platform in the amount of \$133,030.
 2. Following completion of all required conditions, the commission authorizes the chief engineer and director to execute the agreement on behalf of the district.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held in the district office on Nov. 29, 2018.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



Angela James, Secretary