

Meeting of the Commissioners of the Madison Metropolitan Sewerage District

Thursday, March 28, 2019 8 a.m.

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

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

Excused Absence:

Commissioner Angela James

Commission Meeting

1. Opening

- A. Call to Order 8:00 a.m.
- B. Welcome Guests: Mark Moder, City of Madison
- C. Announcements: Introduction of Rustin Whitney, Relief Operator

2. Appearances by the Public: None.

3. Consent Calendar

- A. Approval Meeting Minutes from 3-14-2019
- B. Review and Approval of Sewer Extension Plans
 - New Construction Projects
 - Village at Autumn Lake Phase 7, City of Madison (2019-03-28-R1)
 - Village at Autumn Lake Phase 9, City of Madison (2019-03-28-R2)
 - Re-construction Projects
 - Park Avenue & Russell Street Reconstruction, Village of DeForest (2019-03-28-R3)
 - Market Street Reconstruction, Village of DeForest (2019-03-28-R4)
 - Bridge Road Improvements, City of Madison (2019-03-28-R5)
 - Maywood Avenue Reconstruction, City of Middleton (2019-03-28-R6)
- C. Annual Digester Cleaning
- D. Increase Total Budget: Badfish Creek Effluent Force Main Standpipe Revisions
- E. Annual Vehicle Replacement
- F. Review and Award of Design Phase Engineering Services for Pumping Station 17 Force Main Relief Phase 1

Discussion: The 3-14-2019 minutes, sewer extension plans (resolutions 2019-03-28-R1 through 2019-03-28-R6), Annual Digester Cleaning (2019-03-28-R7), Increase Total Budget: Badfish Creek Effluent Force Main Standpipe Revisions (2019-03-28-R8), Annual Vehicle Replacement (2019-03-028-R9) and Review and Award of Design Phase Engineering Services for Pumping Station 17 Force Main Relief Phase 1 (2019-03-028-R10) were reviewed and placed on file.

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

Motion carried 8-0.

4. **Study Session: Energy Master Plan**

Presenter: Matt Seib, Process and Research Engineer

Description: Informational presentation

Discussion: Mr. Seib presented to the commission information on the financial impact, background and analysis and alternatives related to the district's future energy infrastructure and energy management direction and strategy. The commission was requested to offer guidance and provide feedback on the study session topic.

Action: No formal action taken.

5. **Study Session: Strategic Financial Planning**

Presenter: Bill Walker, Director of Planning and Strategy

Description: Informational presentation

Discussion: Mr. Walker presented to the commission information on the financial impact, background and analysis and alternatives related to the district's strategic financial planning effort. The commission was requested to offer guidance and provide feedback on the study session topic.

Action: No formal action taken.

6. **Chief Engineer and Director's Report**

A. CED Update: Mr. Mucha gave a brief update on the March 20, 2019 customer and community meeting and next steps for both the customer and community meeting and the commission strategic sessions.

Action: None.

B. Regulatory and Legal review: Paul Kent of Stafford and Rosenbaum gave a brief regulatory/legal update.

Action: None.

C. Operations Report: Operations Manager Alan Grooms gave an update on the February plant performance and flow data and a recap on generator repair.

Action: None.

D. Future Meeting Schedule

Action: None.

7. **Future Agenda Topics**

Action: No action.

8. Other Business by Law

Action: No action.

9. Adjournment

Action: Commissioner Wilson moved, seconded by Commissioner Clark to adjourn the meeting.

Motion carried 8-0 at 9:49 a.m.

Regular Meeting of the Commissioners

Thursday, April 11, 2019 at 8 a.m.

Thursday, April 25, 2019 at 8 a.m. Regular Meeting and Strategic Planning Session

Thursday, May 16, 2019 at 8 a.m.

Angela James, Secretary



**VILLAGE AT AUTUMN LAKE PHASE 7
2019-03-28-R1**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (“the district”) for Village at Autumn Lake Phase 7, in the City of Madison, on March 7, 2019, by Mark Moder, City Engineering Division, and

WHEREAS, the project consists of installing 779 feet of 8-inch diameter sanitary sewer on Levitan Lane, Twin Fawn Trail and Spring Tide Way, and can provide service to Lots 520-530, 541-547, 706-709 and outlot 48 of the plat of Village at Autumn Lake replat, and

WHEREAS, outlot 48 of the plat of Village at Autumn Lake replat has been dedicated to the public for stormwater management and drainage purposes and is 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 Madison’s sanitary sewerage facilities and is within the district’s Northeast Interceptor/Lien Interstate extension basin, and

WHEREAS, plan review fees are due, and

WHEREAS, conveyance facility and treatment plant connection charges for the lands to be served have not been paid, and

WHEREAS, the district has received a sewer extension review letter #6-19-16 from the Capital Area Regional Planning Commission dated March 14, 2019 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 #957, 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 Village at Autumn Lake Phase 7, in the City of Madison, submitted on March 7, 2019, by Mark Moder, City Engineering Division, be approved subject to the following conditions:

1. That the City of Madison shall pay the plan review fee of \$1,475 to the district within 30 days of receiving an invoice for the fee.

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2. That outlot 48 of the plat of Village at Autumn Lake replat is exempted from conveyance facility and treatment plant connection charges.
 3. That prior to connection of the proposed sewers to the public sewerage system, the City of Madison shall have paid to the district the sum of \$41,113.73 for payment of \$26,664.50 in Northeast Interceptor/Lien Interstate extension conveyance facility connection charges and \$14,449.23 in treatment plant connection charges for the lands to be served; said lands being lots 520-530, 541-547 and 706-709 of the plat of Village at Autumn Lake replat.
 4. That payment of the aforementioned conveyance facility and treatment plant 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 the date of this resolution, the approval shall become void and new plans shall be submitted.
 5. 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.
 6. 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 Madison for each month or partial month thereafter following connection. A one-time \$500 administrative fee shall also be charged.
 7. That the City of Madison 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.
 8. 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.
 9. 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 March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary





**VILLAGE AT AUTUMN LAKE PHASE 9
2019-03-28-R2**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (“the district”) for Village at Autumn Lake Phase 9, in the City of Madison, on March 7, 2019, by Mark Moder, City Engineering Division, and

WHEREAS, the project consists of installing 599 feet of 8-inch diameter sanitary sewer on Waterfall Way, and can provide service to lots 635-639, 653-659, 661-665 and 669-670 of the plat of Village at Autumn Lake replat, and

WHEREAS, the proposed sanitary sewer extension will connect to City of Madison’s sanitary sewerage facilities and is within the district’s Northeast Interceptor/Lien Interstate extension basin, and

WHEREAS, plan review fees are due, and

WHEREAS, conveyance facility and treatment plant connection charges for the lands to be served have not been paid, and

WHEREAS, the district has received a sewer extension review letter #6-19-17 from the Capital Area Regional Planning Commission (CARPC) dated March 14, 2019 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 #957, 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 Village at Autumn Lake Phase 9, in the City of Madison, submitted on March 7, 2019, by Mark Moder, City Engineering Division, be approved subject to the following conditions:

1. That the City of Madison shall pay the plan review fee of \$1,475 to the district within 30 days of receiving an invoice for the fee.
 2. That prior to connection of the proposed sewers to the public sewerage system, the City of Madison shall have paid to the district the sum of \$28,344.53 for payment of \$18,382.98 in Northeast Interceptor/Lien Interstate extension conveyance facility connection charges and \$9,961.55 in treatment plant connection charges for the lands
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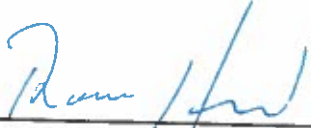
to be served; said lands being lots 635-639, 653-659, 661-665 and 669-670 of the plat of Village at Autumn Lake replat.

3. That payment of the aforementioned conveyance facility and treatment plant 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 the date of this resolution, the approval shall become void and new plans shall be submitted.
4. 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.
5. 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 Madison for each month or partial month thereafter following connection. A one-time \$500 administrative fee shall also be charged.
6. That the City of Madison 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.
7. 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.
8. 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 March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary



**PARK AVENUE & RUSSELL STREET RECONSTRUCTION
2019-03-28-R3**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (“the district”) for Park Avenue & Russell Street reconstruction, in the Village of DeForest, on March 1, 2019, by Neil Pfaff of Vierbicher Associates, and

WHEREAS, the project will replace 2,039 feet of 8-inch diameter sanitary sewer on Park Avenue, Russell Street and North Cleveland Street. The new sewers are being installed in conjunction with the street reconstruction project, and

WHEREAS, a variance is being requested by the submitting engineer from DNR Chapter NR 110.13(2)(c) for some of the proposed sewers which do not meet the minimum design standard for slope, and

WHEREAS, the Village of DeForest has the necessary equipment and will provide additional maintenance on proposed sewers with less than minimum slope if required, and

WHEREAS, no new lands will be served as part of this project, and

WHEREAS, the proposed sanitary sewer extension will connect to the Village of DeForest’s sanitary sewerage facilities, and is within the district’s Northeast Interceptor/Waunakee-DeForest extension basin, and

WHEREAS, conveyance facility connection charges for the areas being served have been paid, and

WHEREAS, plan review fees are waived for street reconstruction projects, and

WHEREAS, the district has received a sewer extension review letter #175-19-2 from the Capital Area Regional Planning Commission (CARPC) dated March 8, 2019 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 is consistent with the conditions of resolution DCRPC #219, which added this area to the Northern 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 Park Avenue & Russell Street reconstruction, in the Village of DeForest, submitted on March 1, 2019, by Neil Pfaff of Vierbicher Associates, be approved subject to the following conditions:

1. That the Village of DeForest 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.
2. 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.
3. 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.

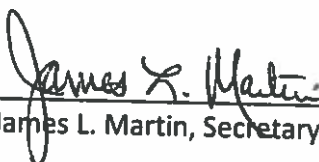
The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary



**MARKET STREET RECONSTRUCTION
2019-03-28-R4**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (“the district”) for Market Street reconstruction, in the Village of DeForest, on March 1, 2019, by Neil Pfaff of Vierbicher Associates, and

WHEREAS, the project will replace 433 feet of 8-inch diameter sanitary sewer on Market Street and Elm Street. The new sewers are being installed in conjunction with the street reconstruction project, and

WHEREAS, a variance is being requested by the submitting engineer from DNR Chapter NR 110.13(2)(c) for some of the proposed sewers which do not meet minimum design standard for slope, and

WHEREAS, the Village of DeForest has the necessary equipment and will provide additional maintenance on proposed sewers with less than minimum slope if required, and

WHEREAS, no new lands will be served as part of this project, and

WHEREAS, the proposed sanitary sewer extension will connect to the Village of DeForest’s sanitary sewerage facilities, and is within the district’s Northeast Interceptor/Waunakee-DeForest extension basin, and

WHEREAS, conveyance facility connection charges for the areas being served have been paid, and

WHEREAS, plan review fees are waived for street reconstruction projects, and

WHEREAS, the district has received a sewer extension review letter #175-19-3 from the Capital Area Regional Planning Commission (CARPC) dated March 11, 2019 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 is consistent with the conditions of resolution DCRPC #219, which added this area to the Northern 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 Market Street reconstruction, in the Village of DeForest, submitted on March 1, 2019, by Neil Pfaff of Vierbicher Associates, be approved subject to the following conditions:

1. That the Village of DeForest 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.
2. 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.
3. 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 March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary



**BRIDGE ROAD IMPROVEMENTS
2019-03-28-R5**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District (“the district”) for Bridge Road improvements, in the City of Madison, on March 6, 2019, by Mark Moder, City Engineering Division, under the professional seal of Joshua Straka of Strand Associates, and

WHEREAS, the existing sewers have been determined to be in poor condition and undersized, and had been facilities which were shared by the City of Madison and City of Monona. The proposed sewers will be owned and maintained by the City of Madison, and serve only City of Madison customers, and

WHEREAS, the project will install 1,274 feet of 8-inch and 12-inch diameter sanitary sewers on Bridge Road and Lake Point Drive in conjunction with the street reconstruction project, and

WHEREAS, the proposed sanitary sewer extension is within the district’s East Interceptor basin and will connect directly to a district owned structure, MH07-101, and

WHEREAS, a variance is being requested from DNR Chapter NR 110.13(3)(c) by the City of Madison to allow inside a drop connection to the district’s MH07-101 in lieu of an outside drop. The City finds that inside drops allow for more precise field construction, improved maintenance and can be more easily modified with future construction. The statute allows for inside drops to be approved by the Wisconsin DNR on a case-by-case basis, and

WHEREAS, no new lands will be served as part of this project, and

WHEREAS, conveyance facility connection charges for the areas being served have been paid, and

WHEREAS, plan review fees are waived for street reconstruction projects, and

WHEREAS, the district has received a sewer extension review letter #6-19-15 from the Capital Area Regional Planning Commission (CARPC) dated March 13, 2019 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, 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 Bridge Road improvements, in the City of Madison, submitted on March 6, 2019, by Mark Moder, City Engineering Division, under the professional seal of Joshua Straka of Strand Associates, be approved subject to the following conditions:

1. That the City of Madison shall invite the district to the preconstruction conference, and require the contractor to obtain a direct connection permit for the work being performed on the proposed district manhole a minimum of seven days in advance of performing any work on district facilities. Contact Ray Schneider at (608) 347-3628 or RayS@madsewer.org to coordinate.
2. That the City of Madison 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.
3. 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.
4. 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 March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary



**MAYWOOD AVENUE RECONSTRUCTION
2019-03-28-R6**

WHEREAS, plans for sanitary sewer extensions were submitted to the Madison Metropolitan Sewerage District ("the district") for Maywood Avenue Reconstruction, in the City of Middleton, on March 12, 2019, by Daniel Perry of Vierbicher Associates, and

WHEREAS, the project will replace 610 feet of 6-inch diameter sanitary force main and 30 feet of 8-inch diameter sanitary sewer on Maywood Avenue. The new sewers are being installed in conjunction with the street reconstruction project, and

WHEREAS, no new lands will be served as part of this project, and

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

WHEREAS, conveyance facility connection charges for the areas being served have been paid, and

WHEREAS, plan review fees are waived for street reconstruction projects, and

WHEREAS, the district has received a sewer extension review letter #6-19-12 from the Capital Area Regional Planning Commission (CARPC) dated March 7, 2019 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, 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 Maywood Avenue reconstruction, in the City of Middleton, submitted on March 12, 2019, by Daniel Perry of Vierbicher Associates, be approved subject to the following conditions:

1. 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.
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2. 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.
 3. 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 March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary



**AWARD OF CONTRACT: ANNUAL DIGESTER CLEANING
2019-03-28-R7**

WHEREAS, The Madison Metropolitan Sewerage District ("the district") has determined the need to routinely clean debris from digesters, and

WHEREAS, the district advertised a request for proposals to clean acid digester 1 with an alternate bid option to clean an additional sludge storage tank on Feb. 26, 2019, and

WHEREAS, the scope of the project includes removal of approximately 90,000 gallons of material and the surface cleaning of interiors, and

WHEREAS, removal of nuisance material from digesters will alleviate maintenance needs related to plugging and make better use of digester and storage tank capacity, and

WHEREAS, three companies submitted pre-qualification applications, and

WHEREAS, district staff reviewed bidders' proof of responsibility, including but not limited to standard information regarding financial ability, equipment, experience in the work prescribed in the public contract and other matters that the district requires for the protection and welfare of the public in the performance of the project, all as permitted by Wis. Stats. 66.0901(2) and district policy, and thereby pre-qualified the bidders, and

WHEREAS, the district publicly opened and read aloud two competitive bids on March 20, 2019, and noted no bid abnormalities, and

WHEREAS, the lowest responsible bid contains all documentation required by law and district policy, and

WHEREAS, a ten percent contingency will be included with the low bid due to the difficulty in estimating a precise volume of material to be removed, and

WHEREAS, payments will be made based on the unit costs provided by the lowest responsible bidder, and

WHEREAS, available funds for this project are within the operating budget, and

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:


1. The commission awards the contract for the Annual Digester Cleaning project to Synagro Technologies at the low bid price of \$92,100, with payments to be made based on their unit price of \$0.54 per gallon of material removed.
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2. The commission authorizes the project costs of \$77,800 to clean acid digester 1, and \$14,300 to clean sludge storage tank 2. An additional contingency cost of \$9,210 is authorized due to unknown volume of material, for a total project cost of \$101,300.
 3. Following completion of all required conditions, the commission authorizes the chief engineer and director to execute the contract on behalf of the district.

The above resolution was adopted by the commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary



**Increase Total Project Budget:
Badfish Creek Effluent Force Main Standpipe
2019-03-28-R8**

WHEREAS, the Badfish Creek effluent force main standpipe is part of a complex five-mile long pipeline that conveys treated effluent from the treatment plant to the outfall, and

WHEREAS, as part of the liquid processing facilities plan, a surge analysis of the Badfish Creek force main was completed to determine the cause of intermittent discharges from the standpipe, and

WHEREAS, the intermittent discharges are considered to be treatment plant overflows by the WDNR and have been causing minor property damage to an adjacent home owner, and

WHEREAS, the facilities plan recommended that the standpipe be improved to better control surges and prevent the intermittent discharges, and

WHEREAS, to resolve the issue and make the standpipe improvements as quickly as possible, staff separated this into a distinct project separate from other projects recommended in the liquid processing facilities plan, and

WHEREAS, design of the standpipe improvements, which included replacement of the standpipe with an air/vacuum valve housed in a buried structure, was completed in the summer of 2018, and

WHEREAS, the project was bid in September of 2018 and bids were higher than expected (and budgeted), and

WHEREAS, all bids were subsequently rejected, and

WHEREAS, district staff and the consulting engineer modified the design to allow a precast structure and to reduce the amount of excavation required, and

WHEREAS, the project was re-bid early this year and the low bid was within budget, and

WHEREAS, costs to design the standpipe modifications combined with the re-design costs are higher than the budgeted amount, and

WHEREAS, due to the higher design costs, overall total project costs are anticipated to exceed what was originally approved in the capital budget, thereby requiring commission approval.

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:

1. The commission increases the total authorized project cost from \$101,000 to \$175,000.

The above resolution was adopted by the Commissioners of the Madison Metropolitan Sewerage District at their meeting held in the district office on March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary





**AUTHORIZATION OF FLEET VEHICLE PURCHASES BUDGETED IN 2019
2019-03-28-R9**

WHEREAS, The Madison Metropolitan Sewerage District (“the district”) owns, operates and maintains a vehicle fleet, and

WHEREAS, the vehicle fleet is a combination of vital assets that the district depends on each day to serve its customers, and

WHEREAS, staff members have developed and maintained a fleet management that incorporates best practices for the longer-term effective management of the vehicle fleet, and

WHEREAS, staff members used the fleet management plan to identify and specify vehicle replacements in 2019, and

WHEREAS, the total replacement cost of the four new vehicles to be purchased in 2019 is \$97,524, and

WHEREAS, adequate funds exist in the fleet management fund.


THEREFORE, BE IT RESOLVED, that the commission authorizes district staff to proceed with 2019 vehicle fleet purchases subject to the following conditions:

1. Existing vehicles will be decommissioned and sold once the replacement vehicle is in service.

The above resolution was adopted by the commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district on March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary





**Approval for Award of Professional Services:
Pump Station 17 Force Main Relief Phase 1
2019-03-28-R10**

WHEAREAS, the Madison Metropolitan Sewerage District (“the district”) has determined that the Pumping Station 17 force main is in need of capacity relief due to increased upstream flows expected in 2024, and

WHEREAS, capacity relief for the Pumping Station 17 force main is needed to maintain reliable service, and

WHEREAS, the City of Verona is replacing their eastside interceptor, which will be in the same corridor that is anticipated for the Pumping Station 17 force main relief phase 1, and

WHEREAS, the district and the City of Verona have entered into a memorandum of understanding to pursue joint survey, design and construction of the district Pumping Station 17 force main relief phase 1 and the City of Verona eastside interceptor replacement, and

WHEREAS, the district and the City of Verona expect to save costs through sharing common items associated with each project, and

WHEAREAS, neither the district nor City of Verona staff have the resources to perform the design services work, and

WHEAREAS, the Pumping Station 17 force main relief phase 1 project is included in the district’s 2019 capital improvements plan and is anticipated to be funded with reserves, and

WHEREAS, district and City of Verona staff prepared a request for proposals for this work, advertised the work as required by the district’s procurement policies and received proposals from interested consultants, and

WHEREAS, district and City of Verona staff followed the professional services evaluation process outlined in the district’s procurement code, with selection criteria based on project approach, past experience, technical competence, personnel involved and ability to meet schedule and cost.

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 awards the design engineering services contract for the Pumping Station 17 force main relief - phase 1 to Short Elliot Hendrickson at the estimated contract price of \$153,740.
 2. As set forth in the commission transaction approval authority policy, any amendments to the work that exceed 10 percent of the proposed price will require commission approval.
 3. The commission authorizes the chief engineer and director to execute a design phase engineering services agreement for this work on behalf of the district.

The above resolution was adopted by the commissioners of the Madison Metropolitan Sewerage District at their meeting held at the district office on March 28, 2019.

MADISON METROPOLITAN SEWERAGE DISTRICT

Attested by:



Thomas Hovel, President



James L. Martin, Secretary