

Western Townships Utilities Authority
REGULAR MEETING
Monday, October 28, 2024
WTUA MIDDLE ROUGE CONFERENCE ROOM
40905 Joy Road, Canton, MI 48187

The regular meeting of the Western Townships Utilities Authority Board of Commissioners was held on Monday, October 28, 2024 in the WTUA Middle Rouge Conference Room, 40905 Joy Road, Canton, Michigan 48187. The meeting was called to order at 9:03 a.m. by the Chairman, Heise.

Present:

Kurt Heise
Dian Slavens (Canton Township Alternate)

Absent:

Mark Abbo
Anne Marie Graham-Hudak

Also present were:

Aaron Sprague	WTUA
Suzanne Balan	WTUA
DJ Kaminga	JACOBS/OMI
Glenn Caldwell	Northville Township
Charles Curmi	Plymouth Township

The first order of business was the acceptance of the agenda: Following discussion and upon hearing no objections; it was

R-24-10-70 Resolved to accept the agenda as presented.

Ayes: Heise, Slavens

Nays: None

Absent: Abbo, Graham-Hudak

The next order of business was the minutes of the regular meeting of September 23, 2024. Following discussion and upon motion by Slavens supported by Heise; it was

R-24-10-71 Resolved to accept the minutes of the regular meeting of September 23, 2024.

Ayes: Heise, Slavens

Nays: None

Absent: Abbo, Graham-Hudak

The next order of business was Approval of WTUA Bills. Following discussion and upon motion by Slavens, supported by Heise; it was

R-24-10-72 Resolved to approve the schedule of disbursements for October 2024 of \$1,202,573.65 and pre-approved payroll for November 2024 of \$39,200.94.

Ayes: Heise, Slavens

Nays: None

Absent: Abbo, Graham-Hudak

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The next order of business was the Operations and Maintenance Report. Following discussion and upon motion by Slavens supported by Heise, it was

R-24-10-73 Resolved to receive and file the Operations and Maintenance Report for the month of September 2024.

Ayes: Heise, Slavens

Nays: None

Absent: Abbo, Graham-Hudak

The next order of business was the Directors Report for the month of October 2024: Following discussion and upon motion by Slavens supported by Heise; it was

R-24-10-74 Resolved to receive and file the Directors Report for the month of October 2024.

Ayes: Heise, Slavens

Nays: None

Absent: Abbo, Graham-Hudak

The next order of business was System Capacity Update: As discussed previously, WTUA experienced extremely high flows during the rain event of August 2023, resulting in discharge of partially treated wastewater to the Lower Rouge River. While this event far exceeded design conditions, I believe that it is prudent to perform a validation of the model used to project WTUA's needs and update that model and the capacity needs projection as applicable. Stantec provided our most recent modeling/needs analysis; as such, I requested Stantec provide a proposal for validation of the model (validation entails examining rain events NOT used in development of the model to determine its accuracy). After a few months and at least one (1) revision to that proposal, Stantec proposed a fee of \$77,836. As the developer of the model, I believed that utilization of Stantec for validation of the model would prove to be the most cost-effective route. However, the proposed fee exceeded my expectations. As such, I requested a proposal from OHM Advisors for the development of an Antecedent Moisture Model (AMM) for the ends of system (Middle Rouge and Lower Rouge) for comparison with Stantec's most recent model results. This AMM will then be used to validate the model developed by Stantec for our Master Plan Improvements by comparing the AMM's output with that generated previously. Because OHM has developed AMM Models for WTUA in the past, I believed that this could potentially be a cost-effective alternative, as it requires only an update to the already developed model rather than development of an entirely new model. OHM Advisors have proposed a fee of \$38,200 for development/updating of two (2) AMM's (Middle Rouge and Lower Rouge), analysis of the 10-year frequency of SSO's (per EGLE guidance) and validation of flows to previous modeling. This validation is potentially step one; should the process indicate that the modeling results obtained by the previous modeling are good, it will indicate that WTUA is adequately designed to meet EGLE approved criteria, and no additional analysis would be needed; should that not be the case, additional steps (at additional cost) would be required to determine improvement options/costs. The new AMM's would also allow for WTUA to evaluate possible improvements/costs for improvements to EXCEED the EGLE requirements (at

additional cost) should the Board wish to do so. Again, while the rain event of August 2023 far exceeded design conditions (or any conditions for which our facilities are likely ever to be designed), regular updates of the system capacity would be prudent. As such, I intend to have similar work done at least once every five (5) years and will plan to request proposals from both Stantec and OHM for the next update. Following discussion and upon motion by Slavens supported by Heise, it was resolved to

R-24-10-75 concur with the recommendation of the Director of Operations to award the System Capacity Update work for a fee not to exceed \$38,200 to OHM; and
Further, that the Director of Operations sign the proposal letter on behalf of the Authority.

Ayes: Heise, Slavens

Nays: None

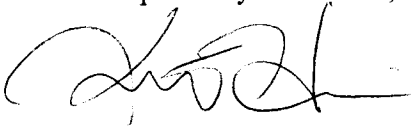
Absent: Abbo, Graham-Hudak

The next order of business was public comments: There were none.

The next order of business was Commissioners' Comments: There were none

There being no further business to come before the Board, the regular meeting was adjourned at 9:29a.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Kurt Heise', written in a cursive style.

Kurt Heise,
Chairman