

**MIDWAY SEWER DISTRICT
COMMISSIONERS MEETING
June 23, 2021
CONFERENCE CALL (206) 568-8200, PIN 630773**

Commissioners Koester, Fannin, Polhamus and Bailey were present, also present were Mr. Layton, Mrs. Ford, Mr. Montieth, Mr. Asplund and Mr. Phelan

The meeting was called to order by the Secretary at 9:30 a.m.

The agenda for today's meeting was approved without modification.

CONSENT AGENDA:

Consent Agenda items are considered to be routine and non-controversial and are generally approved as a group with one motion. Any Commissioner can remove any item from the Consent Agenda for separate discussion and action. Vouchers audited and certified by the auditing office as required by RCW 42.24.080, and those expense reimbursement claims certified as required by RCW 42.24.080 have been recorded on a listing, which was made available to the Board of Commissioners.

Minutes: June 9, 2021, Regular Meeting

Vouchers:

<u>Fund Name & Number</u>	<u>Warrant Date</u>	<u>Voucher #'s</u>	<u>Amount</u>
Maintenance 11-095-0010	06-16-2021	392198 – 392200	\$ 970.76
Maintenance 11-095-0010	06-23-2021	392201 – 392206	\$ 37,210.74
Maintenance 11-095-0010	06-30-2021	392207 – 392208	\$ 16,537.56
Maintenance 11-095-0010	06-30-2021	392209 – 392210	\$ 688.67
Maintenance 11-095-0010	07-14-2021	392211 – 392231	\$ 40,209.90
Maintenance 11-095-0010	07-14-2021	50173 – 50175	\$ 188.60
Cap. Imp. 11-095-3020	07-14-2021	399192 – 399199	\$670,540.28

Electronic Payments:

<u>Payment Type</u>	<u>EFT Date</u>	<u>Amount</u>
Payroll	7/15/2021	\$33,618.13
Dept. of Revenue	6/25/2021	\$20,420.82

Liens & Releases:

List of liens and releases presented to Board for review.

Consent Agenda Resolutions:

M/S/C approving the Consent Agenda as presented.

PUBLIC COMMENT

None

Dave Hoagland Presents the 2020 Financial Statement

M/S/C approved as presented.

June 16th Bypass Event

Mr. Asplund explained to the board the events as follows:

On 6/16/2021 Midway Sewer District Wastewater Treatment Plant (WWTP) experienced a utility power upset from Puget Sound Energy. This dip in service power caused multiple pieces of equipment around the treatment plant to trip out and halted their operations. Two of those pieces of equipment were the Trickling Filter feed pumps, which handle all Primary Effluent flow that is headed to the Secondary Treatment side. When those pumps are not operating, the wet well level will increase until capacity is met. Once the wet well is full, the flow navigates through a flow diversion structure as a fail-safe, sending it into the outfall line. The outfall line goes out into Puget sound, 2,200 feet offshore from the beach. None of the overflow went into Des Moines Creek. The estimated overflow discharge was calculated at 99,888 total gallons of primary treated wastewater, without secondary treatment or UV disinfection. The event occurred on 6/16/2021 at 7:49pm until 8:20pm for a duration of 31mins, with an average flow of 4.64 MGD (Million Gallons per Day) for that time period.

Summarized list of events:

- The power grid experienced an instability event that coincides with the time of the event at the plant.
- Generators at the WWTP did not start due to the power was not out long enough to initiate this action.
- All Eaton VFDs (Variable Frequency Drives) in the electrical building shutdown.
- Our SCADA system provided notifications of the alarm conditions; we drove to the WWTP as soon as we realized we were not able to start the VFD's via the online SCADA system.
- When we arrived 31 minutes later, we reviewed the VFDs and noted the controls to start or reset the VFD were not functioning.
- Shutting down the power to each drive and then restarting allowed the VFDs to return to operation.

We have contacted the Department of Ecology, Washington State Department of Health, King County Department of Health, and the City of Des Moines of this overflow event.

We have contacted the vendors involved and re-programming is in the works. Midway is also in the process of working with our SCADA technician and amongst our Operators to formulate a plan to prevent an occurrence of this nature from happening again.

OTHER BUSINESS:

Mr. Montieth informed the Board of the recent release of the Puget Sound Nutrient General Permit status. He also asked the board to be prepared to discuss the Juneteenth Federal Holiday at the next board meeting.

GENERAL MANAGER REPORT:

Circulated a written report.

Cordelia Ford- Office Manager Report

Considering recent as well as ongoing safety issues, I have contacted some firms for office staff training as well as space planning for increased security of office staff. We hope to have a plan and budget together to present to the Board for approval in the next few months.

We removed a tree that was next to the flagpole, and realized that our 20+-year-old sign is in need of some TLC. I've contacted a sign company and they are coming out to see the sign and see what can be done.

Jace Layton- Superintendent Report

No report

Bryan Asplund- Operations Supervisor Report

No report

Ryan Phelan- Engineering and Construction Manger Report

No Report

COMMISSIONERS COMMENTS:

Mr. Fannin asked if the district had any other equipment similar to the Eaton Drives that failed and if we were verifying the programing for those to insure, they do not fail in the future. Mr. Asplund said yes, they had already started to look into it.

NEXT MEETING:

The next regular meeting will be held on July 14, 2021, at 9:30 am via phone conference and at the office.

The meeting adjourned at 10: 17 a.m.

ATTEST:

VINCE KOESTER - SECRETARY

MARC MONTIETH