



Charter Township of Chocolay

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MARQUETTE AREA WASTEWATER TREATMENT FACILITY ADVISORY BOARD MEETING MINUTES FEBRUARY 18, 2021

A regular virtual meeting of the Marquette Area Wastewater Treatment Facility Advisory Board was held at 10:00 a.m. on Thursday, February 18, 2021.

ROLL CALL

PRESENT: Brad Johnson, Chocolay Township (Chair)
Margaret Brumm, City of Marquette
Harold Hayse, City of Marquette

ABSENT: Gary Simpson, City of Marquette
Leonard Bodenus, Marquette Township

OTHERS: Craig Heisel, Donohue & Associates
Allen Williams, Donohue & Associates
Mark O'Neill, City of Marquette
Dan Johnston, City of Marquette
Pam Greenleaf, City of Marquette

AGENDA

It was moved by M. Brumm, supported by H. Hayse, to approve the agenda as presented. Approved 3-0.

MINUTES

It was moved by M. Brumm, supported by H. Hayse, to approve the January 21, 2021 meeting minutes as written. Approved 3-0.

FINANCIAL REPORT JANUARY

- Balance Sheet: The fiscal year is 33.3% complete.
- Revenue Sheet: Trucked wastewater revenue was received from WE Energies, Fabick and LS&I. M. Brumm asked how the BLP disposes of its leachate. M. O'Neill stated that frac tanks are used, and that those get dumped into the nearest sanitary manhole. He also stated that the disposal of leachate is metered and that the BLP can dump up to 21,000 gallons per day.
- Expenditures: M. O'Neill stated that the 2021 electrical budget number was set very tight and that the line item is running high. He also stated that the wages line item will start seeing less of a saving as employees will no longer be furloughing one day a week.



SOLIDS HANDLING PROJECT PRESENTATION

Craig Heisel, Donohue and Associates provided the board with a project update. The following components of the project were addressed.

- Preliminary site layout sent to EGLE. Draft plans created
- Digester capacity
- Fats, oils, and grease management integrated into the design
- Revised project cost due to the need for pilings (loan increase addressed with EGLE)
- Septage receiving station design / tipping fees
- Sludge dewatering (revised process by adding Ferric Acid)
- Cake storage structure / location
- New step screen
- Fire alarm system
- Electrical room heating
- Vactor Pad redesign to reduce sand going to the pump station (relocate drain & level pad)

H. Hayse requested a copy of the vactor pad drawings.

M. Brumm asked when the project would be complete. M. O'Neill stated the project would be done in the Fall of 2022.

OPERATIONS REPORT FEBRUARY

- NPDES Permit Compliance: No permit violations occurred since the last board meeting.
- COVID-19 Influent & Solids Sampling: State funding for this sampling program has been put on hold.
- Kraft repaired the cylinder head on Co-gen #2. These cylinder heads are expected to be replaced at 12,000 hours, but this one lasted almost 14,000 hours. Kraft also repaired a coolant leak on the #1 Co-gen and an oil leak on #2.

Board members inquired about the JCI guaranteed cost savings versus what is being spent to run and maintain the generators. H. Hayse asked that he be provided with employee labor hours and prior years utility bills to get a better understanding of what the savings are. The Wastewater Facility's portion of the projects bond payment and how it was calculated was discussed.

- Due to the extreme cold temperatures, some pipes and valves in the room that houses the main digester gas boiler broke. Staff made repairs to the system and placed heat tape on exposed piping.



o Industrial Wastewater Acceptance Activity:

- 4,100 of industrial wastewater from Fabick was accepted.
- 90,500 gallons of leachate from Wisconsin Energy was accepted.
- 7,200 gallons of industrial wastewater from LS&I Railroad was accepted.
- Total monthly revenue \$4,184.00

Preventive Maintenance: D. Johnston provided the following list of items currently being addressed.

- o The new plant operators were added to the Lucity Asset Management Program and started training.
- o Staff completed another seal repair on one of the boiler booster pumps.

BOARD COMMENT

- o M. Brumm stated that the State of Michigan has been officially monitoring PFAS for one year.
- o H. Hayse asked if the dissolved oxygen problem would be solved this summer. M. O'Neill stated that it would not, and that the estimate to repair could range up to \$70,000. He also stated that he anticipates the aeration modification/repair to be done in conjunction with the Solids Handling Project, but not as a part of the SRF Green Reserve Project. He stated by having the repair made during the larger project should result in a savings.

ADJOURNMENT

It was moved by M. Brumm, supported by H. Hayse, to adjourn at 10:44 a.m.
Approved 3-0.



Reviewed by:
Mark O'Neill
Director of Municipal Utilities

Prepared by:
Pamela Greenleaf