



MARQUETTE AREA WASTEWATER TREATMENT FACILITY ADVISORY BOARD MEETING MINUTES July 21, 2022

A regular meeting of the Marquette Area Wastewater Treatment Facility Advisory Board was held at 10:01 a.m., Thursday, July 21, 2022 at the Marquette Area Wastewater Treatment Facility.

ROLL CALL

PRESENT Brad Johnson, Chocolay Township (Chair)
Leonard Bodenus, Marquette Township
Margaret Brumm, City of Marquette
Harold Hayse, City of Marquette
Mary Schlicht, City of Marquette

ABSENT None

OTHERS Mark O'Neill, City of Marquette
Dan Johnston, City of Marquette
Melissa Erkkila, City of Marquette

AGENDA It was moved by M. Brumm, supported by L. Bodenus to amend the Agenda to include and review the Financial Report. Approved 5-0.

MINUTES It was moved by M. Brumm, supported by L. Bodenus to correct a typo on page three then approve the June 16, 2022 meeting minutes as written. Approved 5-0.

FINANCIAL REPORT

Mary Schlicht, City of Marquette, presented the Financial Report.

- Balance Sheet: Numbers are as expected.
- Revenue Sheet: Revenue is as expected.
- Expenditures: Purchased power and utilities is a little high but Mark and the staff are making changes to see different results for remaining budget year into the next fiscal year.
- M. Schlicht stated the end of year billing of operating loss will be comprised of depreciation and contributions to reserves less the fire suppression system project.
- M O'Neill stated replacement of DO equipment in the aeration basin and a mixer is necessary next fiscal year for an estimated cost of \$31,000. He requested the boards



opinion whether it should be paid out of the maintenance fund or reserves. The board agreed that these expenditures should be paid out of the maintenance fund.

OPERATIONS REPORT

Dan Johnston, City of Marquette, presented the Operations Report.

PERMIT COMPLIANCE FOR THE MONTH:

- PERMIT COMPLIANCE: No violations occurred during the month of June.

PLANT NOTES:

- Staff continues weekly COVID-19 tracing sampling for NMU from the WWTP's influent, our four major lift stations, and from the sewer leaving the Marquette Branch Prison.
- Van Damme continues hauling liquid biosolids to the tailing basins at the iron mines.
- Staff installed a new oil pressure sending unit on CoGen #1 and one new spark plug on CoGen #2.
- Lab technician completed EPA quality control testing. Results are pending.
- Staff replaced the level transducer for the Filtrate Well. We also found and repaired a loose wiring connection that had been causing an intermittently incorrect level reading condition.
- Staff replaced VFDs for the Admin Area's air handling/AC unit and one of the main HVAC booster pumps. JCI assisted in programming one of the units. Both pieces of equipment are now back in full operation.
- Staff replaced the main seals on two of the plant's HVAC system booster pumps.
- Staff repaired the sodium aluminate feed line in the Chemical Room that had burst after hours. The flooding that resulted came within 8 inches of damaging all of the chemical metering pumps.

INDUSTRIAL WASTEWATER ACCEPTANCE ACTIVITY FOR JUNE 2022

Source	Volume (gallons)	Total
Fabick/CAT	2,900	\$377.00
UPS	3,700	\$481.00
Wisconsin Electric	46,000	\$1,380.00
Tunnel Vision	1 yd ³	\$250.00
Grand Totals	52,600	\$2,488.00

- M. O'Neill stated he is proposing a rate inflation this budget year of \$.01 for trucked wastewater and \$0.01 for leachate disposal.

MAINTENANCE MANAGEMENT

- Preventive Maintenance Work Orders: staff continues to perform routine maintenance tasks. Whenever time permits, I continue to create the work orders that have not been created since we began using Lucy.



Charter Township of Chocolay

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OLD BUSINESS

- Solids Handling Update: M. O'Neill stated there is currently no new updates.
- Fire Alarm: M. O'Neill stated the contract and change order #1 will be placed in front of the Commission Monday, July 25. Once those are signed, equipment will be ordered.

NEW BUSINESS

- No new business.

BOARD COMMENT

- H. Hayes provided a monthly mathematical calculation regarding gas btu's produced a day for savings verses the cost of the CoGen project and maintenance. He requested the board look over the calculations and discuss at next month's meeting.
- M. Brumm stated she met Dr. Williams, a professor at Northern Michigan University, that is conducting a PFAS study. She is looking for PFAS contaminated sludge to experiment with hemp plants. They are interested in the possibility of hemp pulling PFAS out of the soil. M. Brumm requested she attend the next meeting and be allowed five minutes of public comment time to explain her research.

ADJOURNMENT

The meeting was adjourned at 10:38 a.m.



Reviewed by:
Mark O'Neill
Director of Municipal Utilities

Prepared by:
Melissa Erkkila