



MARQUETTE AREA WASTEWATER TREATMENT FACILITY ADVISORY BOARD MEETING MINUTES January 20, 2022

A regular meeting of the Marquette Area Wastewater Treatment Facility Advisory Board was held at 10:00 a.m., Thursday, January 20, 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 (by phone)
Harold Hayse, City of Marquette
- ABSENT** Mary Schlicht, City of Marquette
- OTHERS** Mark O'Neill, City of Marquette
Dan Johnston, City of Marquette
Melissa Erkkila, City of Marquette
- AGENDA** It was moved by H. Hayes, supported by L. Bodenus to approve the Agenda.
Approved 4-0.
- MINUTES** It was moved by M. Brumm, supported by L. Bodenus to approve the December 16, 2021 meeting minutes as written. Approved 4-0.

FINANCIAL REPORT NOVEMBER

Mark O'Neill, City of Marquette, presented the Financial Report.

- Balance Sheet: M. O'Neill stated we are two months into the fiscal year and numbers are as expected.
- Revenue Sheet: Revenue is as expected.
- Expenditures: Expenditures are as expected. Labor is a little high due to the pension being paid in full for the entire year.
- Year end utility numbers are not in yet. It is requested by B. Johnson and H. Hayse to receive the calendar year totals when they become available.
- M. Brumm requested the explanation of Payment In Lieu of Taxes. M. O'Neill explained that the payment is to pay the City for services provided such as Fire and Police services in lieu of tax payment and it is based on the evaluation of the building. A BS&A report shows only enterprise accounts pay.



- B. Johnson brought forward an official request from Anderson, Tackman & Company, PLC. to perform an audit of the Marquette Area Wastewater Treatment Facility. It was moved by M. Brumm and supported by H. Hayes to authorize the board chair to sign the request. Approved 4-0.

PERMIT COMPLIANCE FOR THE MONTH:

- PERMIT COMPLIANCE: The plant violated its cyanide limit for December 2021. Cyanide testing is notorious for interference. The lab we are using had a recent personnel issue so the company farmed out the testing to a lab in Texas. The November sample came back as non-detected (under 2.0 ppm), which it has always been. The December sample came back at 22 ppm and the threshold is 8.9 ppm. Cyanide in wastewater generally comes from industry, especially metal plating, which is not something we expect in this community.

PLANT NOTES:

- We are once again fully staffed with the return of Scott Dietrich. He has resumed his duties as if he had never left.
- 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. M. O'Neill explained the current prison COVID outbreak was detected in the testing. Some lift stations showed readings as well and that has begun to subside.
- Staff is prepping for the installation of additional Final Effluent Water (F.E.W.) filter units. These extra units will allow us to provide the additional F.E.W. that the solids handling project improvements will require.
- Kraft was on site to perform routine maintenance on both CoGen units.
- Kraft returned earlier this month to diagnose and repair a few issues with one of the CoGen units.
- Staff coordinated with DPW and Fraco to replace the carbon media in the CoGen Gas Conditioning vessel that is used to remove sulfides from our biogas supply.
- JCI was on site to assist in diagnosing some HVAC and HVAC control (Metasys) issues.
- Our Gravity Belt Thickener Feed Pump is in need of replacement. We obtained quotes for replacement parts and the new pump was about \$500 less, and as an added bonus we won't have to spend days rehabilitating the old pump.

INDUSTRIAL WASTEWATER ACCEPTANCE ACTIVITY FOR DECEMBER 2021:

➤ Fabick/Cat	1,600 gallons, for \$250.00
➤ W.E. leachate:	55,000 gallons, for \$1,650.00
➤ L S & I	5,500 gallons, for \$715.00
➤ UPS	5,500 gallons, for \$715.00
➤ Total monthly revenue:	\$3330.00

MAINTENANCE MANAGEMENT



MAINTENANCE MANAGEMENT

- Preventive Maintenance Work Orders: Now that we are fully staffed it is my hope that we can finally get caught up with preventative maintenance.

OLD BUSINESS

- Solids Handling Update: M. O'Neill provided an analysis of the previous bids for the Solids Handling Project. After meeting with Donohue, it is expected to submit for the SRF the end of the first quarter or the second quarter of 2023. Bids are expected to go out December 2022. It is being considered to use the high bid quote and add 10% and all the other costs. A consult with the bond counsel and the debt forgiveness numbers will help solidify these numbers.

NEW BUSINESS

- Thickener Feed Pump: M. O'Neill explained the plant has two progressive cavity pumps. One pumps the digested sludge to the belt filter press and the other is a thickener pump. One cannot do the job of the other. The thickener pump began to make noise. D. Johnston received pricing for an overhaul and a new pump. It is cheaper to purchase a new pump. It was moved by H. Hayes and supported by M. Brumm to purchase a new pump. Approved 4-0. M. Brumm requested an update on the pump be on the Agenda next month.

BOARD COMMENT

- M. Brumm gave an update regarding the PFAS Citizen Advisory Response Board for the State of Michigan. Organizational reconstruction is being done and sub committees are being created. She contributed FOIA information to assist with information requests to the State of Michigan. The State is also issuing "Do Not Eat" fish advisories in contaminated water bodies that have a high level of PFAS. It is being overshadowed by the Benton Harbor lead situation.
- H. Hayes asked about the 2020 JCI report. M. O'Neill stated he was told that should become public this week and he would make it available to the board as soon as that occurred.

ADJOURNMENT

The meeting was adjourned at 10:48 a.m.

Reviewed by:

Mark O'Neill

Director of Municipal Utilities

Prepared by:

Melissa Erkkila