

**HARRISONBURG-ROCKINGHAM REGIONAL SEWER AUTHORITY
MINUTES**

May 2, 2022

PRESENT: A. Banks, M. S. Byler, R. B. Chewning, A. M. Collins, A. A. Lawrence, M. W. Light, P. S. Rhodes, and S. D. Stevens: Also present: J.J. Ham, Attorney; A. L. Berry, K. D. Cekada, A. C. Riggelman, G. A. Thomasson, Staff.

VISTORS: J. Fultz, City of Harrisonburg

CALL TO ORDER

Chairman Rhodes called the regular monthly meeting to order at 3:02 p.m.

Members present were verified by roll call vote as follows:

Mr. Banks - Present	Mr. Collins - Present	Mr. Rhodes - Present
Ms. Byler - Present	Ms. Lawrence - Absent	Mr. Stevens - Present
Mr. Chewning - Present	Mr. Light - Present	

APPROVAL OF MINUTES

Upon motion of Mr. Banks, seconded by Mr. Chewning, the Board approved the minutes, dated April 4, 2022 as presented, by roll call vote as follows:

Mr. Banks - Aye	Mr. Collins - Aye	Mr. Rhodes - Aye
Ms. Byler - Aye	Ms. Lawrence - Absent	Mr. Stevens - Aye
Mr. Chewning - Aye	Mr. Light - Aye	

APPROVAL OF FY 2023 BUDGET & FY 2023 – 2027 CAPITAL IMPROVEMENT PLAN

Mr. Thomasson reported that copies of the preliminary FY 2023 budget and draft FY 2023-2027 Capital Improvement Plan (CIP) were distributed to each of the member localities. Locality comments were requested by April 29, 2022. No comments were received.

Mr. Thomasson stated that a draft resolution to approve the FY 2023 budget and FY 2023 – 2027 CIP was provided in the agenda package. He recommended adoption of the resolution as presented.

Chairman Rhodes requested a vote on the budget resolution. Upon motion of Mr. Stevens, seconded by Mr. Light, the Board approved the FY 2023 Budget and FY 2023-2027 Capital Improvement Plan

Mr. Bank - Aye

Ms. Byler - Aye

Mr. Chewning - Aye

Mr. Collins - Aye

Ms. Lawrence - Absent

Mr. Light - Aye

Mr. Rhodes - Aye

Mr. Stevens - Aye

*Note: Ms. Lawrence joined the meeting.

QUARTERLY FINANCIAL REPORT (MARCH 31, 2022)

Mr. Thomasson presented the results of the quarterly financial report dated March 31, 2022. The operating income before depreciation was \$1,156,052. Operating and maintenance expenses were \$337,992 over last year's actual expenses. The bulk of the increase is from chemical inventory and usage. The total net position decreased to \$47,201,591 due to accumulated depreciation.

TREASURER'S AND CASH BASIS REPORTS (APRIL)

Ms. Berry reviewed the Treasurer's Report for April 2022.

The April Treasurer's Report showed that the Authority received income of \$1,038,800 of which \$108,205 was revenue from the collection of septage and industrial solids treatment fees and pretreatment cost recovery fees of \$28,640. Expenditures for April totaled \$542,501 of which \$365,555 was related to routine O&M expenses. Capital Outlay and Project expenses totaled \$176,946 for the month. Of this amount, payments included \$11,364 to Hach Company for an Ammonium Probe; \$72,344 to Lantz Construction for Garage addition expenditures; \$27,620 to Myers Ford for a 2022 Ford Ranger for operations; \$14,035 to Winschel Environmental for a conveyor belt for the sludge press; \$13,490 to Pyrz Water Supply for chemical process pumps and \$14,175 to Wiley/Wilson for Garage Addition, Electrical Gear Replacement and Bridgewater Pump Station improvements project expenditures. Total cash and investments as of April 30, 2022 totaled \$9,819,998.

Reviewing the April Cash Basis report, Ms. Berry noted that revenues were approximately 115% of budget. Expenses were approximately 89% of budget. The difference between revenues and expenses was approximately \$1,327,137.

OPERATIONS AND PRETREATMENT REPORT (APRIL)

- COVID-19 Response

Ms. Riggleman provided an update on the Authority's response to the COVID-19 pandemic. There was one new confirmed positive case of Authority staff in April 2022. Out of thirty-one HRRSA employees, twenty are vaccinated against COVID-19.

SARS-CoV-2 testing on the plant influent continues. The testing that is being done for RNA copies/mL of SARS-CoV-2 found in influent wastewater shows the prevalence of the virus which has been shed by infected people. The shedding rate and shedding duration for

individuals, both symptomatic and asymptomatic, is still unknown. Mangrum Consulting has taken test data and normalized it by population and graphed with daily cases reported by VDH for Rockingham County and the City of Harrisonburg.

Ms. Riggleman presented the most recent graph of the test results which includes weekly Pace data, the Biobot data from the completed Phase 2 HHS/CDC/NIH study, and Biobot data from weekly influent sampling. While no one has been able to establish a definitive correlation between COVID wastewater testing and the number of cases, the sewage concentrations seem to correlate with the rise and fall of confirmed cases.

The Authority continues with the VDH Sentinel Monitoring Program which started in September 2021 and includes twenty-five WWTPs around the state. Authority staff continues to work with VDH representatives to upload North River WWTF's SARS data into a usable CDC format. VDH will soon have a Dashboard on their website which will include data from the WWTPs in the Sentinel Monitoring Program. On February 2, 2022, CDC's COVID Data Tracker released a Wastewater Surveillance tab which tracks SARS-CoV-2 levels in sewage at more than 400 testing sites across the country. The data for our facility is now available on the CDC site.

- Operations Report

Ms. Riggleman reviewed the Operations Report for April 2022. The average effluent flow for April was 14.47 MGD with a maximum average daily flow of 22.90 MGD.

For April, the estimated average monthly concentration for total phosphorus (TP) is 0.05 mg/L. The estimated average monthly concentration for total nitrogen (TN) for April 2022 is 4.28 mg/L.

The 2022 annual average concentration for TP through April 2022 was 0.10 mg/L compared to the annual average limit of 0.28 mg/L. The annual average concentration for TN through April 2022 is estimated to be 4.22 mg/L compared to the limit of 3.7 mg/L.

Ms. Riggleman stated there were 29 tons of Class B dewatered biosolids hauled and 326 tons of Class A dried biosolids hauled in March 2022. No liquid biosolids were hauled during the month. The FY 2022 totals through March 2022 are 2,734 tons of total biosolids hauled with 590 tons of Class A biosolids picked up for distribution and 1,891 tons of Class A biosolids hauled to the landfill for daily cover.

- Pretreatment Cost Recovery Fees and Notices of Violation (NOVs)

Ms. Riggleman reported that six industrial users (Kerry, Cargill, George's, Organic Plant, Perdue, and SVO) were assessed pretreatment cost recovery fees for February 2022 totaling \$35,076.96. Authority staff completed the evaluation of the 90-day compliance period for the new Organic Plant and treatment cost recovery fees were assessed for November 2021, December 2021, January 2022, and February 2022. A letter stating that no NOVs would be issued and a second compliance period from April 1 through June 30 was established.

Ms. Riggleman stated five industrial users were issued NOV's for permit violations in February 2022 with an NOV issued to Kerry for 2 BOD5, 6 TSS, and 3 TKN violations; an NOV issued to Cargill for 1 BOD5 and 1 TKN; an NOV issued to George's for 2 BOD5 and 2 TP; an NOV issued to Perdue for 1 BOD5 and 1 TSS; and an NOV issued to SVO for 1 TP.

- Whole Effluent Toxicity (WET) Testing

WET testing is scheduled for our facility for the week of May 9-13, 2022. In addition to the normal final effluent sampling, Authority staff will also be sampling after the tertiary filter building. This sample will be split into two samples and one tested as sampled and one sample manipulated in our laboratory to mimic hot weather.

- Pretreatment Updates

A letter was sent to Kerry outlining the company's significant non-compliance (SNC) status for all four evaluation periods for TKN for 2021. A public notice will be published in the *Daily News-Record* regarding the SNC status as required.

Ms. Riggleman provided an update on the upgrades to Kerry's pretreatment system. The new barrel screen and primary DAF unit are working well. The MBBR towers, radar level sensor, and the secondary DAF are slated to be operational by the end of May 2022. The only remaining piece after that is the aeration basins which need to be drained, cleaned, and new aeration equipment installed.

Test results for after the second DAF unit have been requested from Kerry. Once this data is received, the Authority plans to issue a wastewater permit with interim limits while Kerry is starting up their new biological pretreatment system.

PROJECT UPDATES

Mr. Thomasson stated that Lantz is still erecting the garage and storage canopy and that the project should be complete in early June.

Mr. Thomasson reported that he had reviewed the diesel pump options in lieu of installing a new generator at the Bridgewater pump station. A diesel pump appears to be more expensive than installing a new generator and the pump conditions for the pump station are challenging. An RFP for a 400 KW emergency generator with an automatic transfer switch was issued on April 26, 2022. Bids are due May 26, 2022. Mr. Thomasson provided a brief PowerPoint presentation of the Bridgewater pump station.

OTHER BUSINESS

No other business was discussed at the meeting.

NEXT MEETING DATE

Chairman Rhodes set the regular monthly meeting for Monday, June 6, 2022, at 3:00 p.m.

ADJOURNMENT

Upon motion of Mr. Light, seconded by Mr. Banks, the Board unanimously voted to adjourn the meeting by roll call vote as follows:

Mr. Bank - Aye

Ms. Byler - Aye

Mr. Chewning - Aye

Mr. Collins - Aye

Ms. Lawrence - Aye

Mr. Light - Aye

Mr. Rhodes - Aye

Mr. Stevens - Aye

M. W. Light, Secretary-Treasurer